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January 30, 2012

Mr. Azam Khan  
Deputy Chief of Staff  
United States Patent & Trademark Office  
Mail Stop Office of the Undersecretary and Director  
PO Box 1450  
Alexandria, VA 22313-1450

Re: Docket Number PTO-C-2011-0066  
National Workforce Program

Dear Mr. Khan:

As President of the Boston Patent Law Association (BPLA), I am writing on behalf of the BPLA to enthusiastically advocate that the United State Patent And Trademark Office (USPTO) consider New England, and in particular Boston, for one of the two remaining locations for a satellite office.

Established in 1924, the BPLA is one of this country's oldest associations of intellectual property lawyers and professionals. The BPLA provides educational programs and a forum for the interchange of ideas and information concerning patent, trademark, and copyright laws. We have a strong and dedicated membership of over 900 members and have been a voice for the intellectual property community of New England for nearly 90 years.

A New England-based USPTO satellite office will be mutually beneficial to both the region and the USPTO for a number of reasons.

To begin, a Boston satellite offers the greatest opportunity to meet the USPTO's goals of recruiting and retaining talented employees as patent examiners, with the ancillary benefit of reducing pendency and increasing examination quality. Greater Boston is home to world-class universities and research institutions that daily perform cutting-edge research in areas that will lead to economic growth for the entire country. This environment provides a large pool of talented and experienced researchers from which the USPTO could draw to supplement its patent examiner ranks. Indeed, Fortune 100 companies such as Pfizer, Merck, Google, Microsoft, and Amazon have recognized this advantage by opening research and engineering facilities in Greater Boston to tap its sizeable technical talent.

The Boston region is also known for its entrepreneurial spirit, represented by the many research/innovation centers located here, including the Broad Institute,



# THE BOSTON PATENT LAW ASSOCIATION

Mr. Azam Khan  
January 30, 2012  
Page 2

Whitehead Institute for Biomedical Research, Deshpande Center for Technological Innovation, Fraunhofer Center for Sustainable Energy Systems, Boston Biomedical Research Institute, and many others, including the numerous centers and programs focused on entrepreneurship connected in local universities such as Harvard University, Massachusetts Institute of Technology (MIT), and the University of Massachusetts system. Startups are established in the region because of the many resources available, including venture capital, startup competitions such as MassChallenge, MIT 100K Competition, Tufts University's Classic Business Plan Competition, Harvard Business School's Business Plan Competition, UMass Tech Innovation Challenge, to name but a few. Having a satellite office in the center of this startup activity would help to further develop examiners' expertise in emerging fields.

Also, New England is home to more than a dozen research universities and law schools with strong intellectual property and technology programs, including, to name a few, Harvard University, Massachusetts Institute of Technology, Dartmouth College, Brown University, Yale University, Boston College, Boston University, Tufts University, Worcester Polytechnic Institute (WPI), Northeastern University, Suffolk University, the University of Massachusetts system, the University of Connecticut and the University of New Hampshire (along with the Franklin Pierce Law Center of UNH). Many of the law schools have nationally recognized IP programs with a wide range of patent related courses, and some offer well-regarded evening law school programs which would be advantageous for USPTO examiners seeking legal training. These world-renowned schools will provide the USPTO with a large pool of technical and legal talent from which to draw. As well, a Boston satellite office would enable stronger connections and communications between the USPTO and the more than 3000 registered patent professionals across New England.

As for retaining talented employees, the Greater Boston area is renowned for its broad and diverse culture. With its rich history, a museum for practically every interest, a lively theater district, hundreds of live music venues, and (of course) great sports teams, strong bonds to the region are easily created. Sometimes called "the Athens of America," Boston has more college students than any other city in America, creating an environment that values education and innovation, key factors positively affecting examiner retention. Lastly, the region's extensive public transportation network and access to both international and smaller regional airports afford easy entrée to surrounding states.

Through the efforts of our membership and the support our members receive from their law firms and companies, the Boston Patent Law Association is able to provide a vast and diverse voice for the intellectual property law community. The BPLA is proud of its record of hosting, on average, approximately one continuing legal education seminar per month for our members on topics ranging from claim drafting to new statutes and regulations to recent court decisions. Each year, we host a two-day seminar on PCT practice, even drawing participants from outside of New England. The Association is also actively involved with the judiciary. We routinely submit amicus briefs to the U.S. Supreme Court, the Court of Appeals for the Federal Circuit, and various district courts and state courts. In cooperation with the U.S. District Court for the District of Massachusetts, we have proposed and



# THE BOSTON PATENT LAW ASSOCIATION

Mr. Azam Khan  
January 30, 2012  
Page 3

implemented a set of local patent rules and we are in the midst of planning a seminar on the America Invents Act for the Federal bench. The BPLA is also actively involved with PTO rule-making, having submitted comments to the Office regarding, for example, continuation practice. Our Association has and continues to host various PTO events, including the “TTAB Comes to Boston” – we are also expecting to host the “BPAI Comes to Boston” next year. On numerous occasions, we have hosted the Directors of the PTO to speak to our Association and will continue with this legacy. The BPLA also provides international outreach, having participated in WIPO’s conference on Patent Drafting in Zimbabwe. This year, we are planning to reach out to our neighbors in Latin America to showcase our strong Bar and be a resource as they navigate their entry into U.S. markets. As you can see, the Boston Patent Law Association is among the most active bar associations in the country in the area of intellectual property law.

Why do I mention these activities? The Boston Patent Law Association, with its mission of education, service, and community, would welcome the opportunity to have patent examiners share in any of these activities as attendees, speakers, or participants. Surely you would agree that such tangible opportunities will enable the Patent Office to attract, train and retain top talent for a satellite office in the greater-Boston area.

We also point out that New England is responsible for a disproportionate number of patents filed each year with the USPTO. In fact, according to USPTO statistics, the six New England states have been responsible for filing over 420,000 patent applications between 2006-2010, surpassed only by the Silicon Valley region. Clearly, a satellite office dedicated to this region would move the USPTO towards its acknowledged critical goal of reducing the application backlog to manageable numbers.

Based in part on this large number of patent applications filed, it is not surprising that the region is recognized as being at the center of the development of new technologies in those industries most in need of patent protection: biotechnology, pharmaceuticals, cleantech, nanotechnology, software, medical devices, and communications, among others.

In addition to New England companies filing patent applications, the region’s many universities and research institutions file for hundreds of patents and spin-off or license their technological advances to local startup and emerging companies in the high tech and life sciences/health care fields. A regional patent office in the Greater Boston area would therefore help enrich the research community located in New England while providing additional resources to continue to draw startups to the region.

To assist the Office in its determination, attached please find data in Attachments A - I about Massachusetts and New England that we believe will be helpful. We have included brief explanations of operational parameters corresponding to the data, but please do not hesitate to contact me should you have any questions.



# THE BOSTON PATENT LAW ASSOCIATION

Mr. Azam Khan  
January 30, 2012  
Page 4

In conclusion, Deputy Under Secretary Peterlin recently shared the USPTO's goal of achieving a national workforce model where some employees work full-time at headquarters, some telecommute one day a week, and some live outside of the District of Columbia metropolitan area and rarely come to headquarters. By expanding the concept of an "office" in this way, the USPTO will leverage current technological capabilities to best serve its employees and the American public. This strategy will also allow the agency to hire the best and brightest employees from outside the Mid-Atlantic region, retain employees in a competitive market and minimize real estate costs associated with workforce expansion.

The members of the BPLA consider our region's critical mass of patent practitioners, universities/research institutions, innovation centers, and entrepreneurial resources, combined with the cultural advantages of the Greater Boston area to make this region the most ideal location for a satellite office. We hope you agree.

Sincerely,

Neil P. Ferraro  
*President*  
*Boston Patent Law Association*



**SUPPORT FOR A USPTO SATELLITE OFFICE IN MASSACHUSETTS**  
**AS A CENTRAL LOCATION FOR NEW ENGLAND**

**(1) A Massachusetts satellite office will increase outreach activities to better connect patent filers and innovators with the USPTO. The following comments include the number of patent filings and grants by the city/region as well as other information that provides insight into the region’s innovation activity.**

**Innovation Density:**

The Innovation Density is defined herein as the sum of (i) the no. of patents per 10,000 residents and (ii) the no. of patents per 100 sq. miles.

<u>REGION/DIVISION</u>	<u>INNOVATION DENSITY</u>
NORTHEAST/New England	79.2
NORTHEAST/Middle Atlantic	71.3
MIDWEST/East North Central	36.6
MIDWEST/West North Central	17.3
SOUTH/South Atlantic	25.7
SOUTH/East South Central	8.7
SOUTH/West South Central	18.2
WEST/Mountain	18.3
WEST/Pacific	43.3

<u>STATES (TOP 13)</u>	<u>INNOVATION DENSITY</u>
MASSACHUSETTS	282.0
NEW JERSEY	225.4
CONNECTICUT	180.2
RHODE ISLAND	133.5
DELAWARE	105.6
CALIFORNIA	99.3
MARYLAND	81.1
NEW YORK	73.4
VERMONT	65.5
WASHINGTON	58.6
NEW HAMPSHIRE	54.2
IDAHO	47.1
MICHIGAN	46.4

The lists above show a subset of the results of the analysis. See “Attachment B -- INNOVATION DENSITY” for the full set of results. All data is based on 2006-2010 data from the USPTO and the Census Bureau. The regions and divisions are defined by the U.S. Census Bureau. See “Attachment C -- United States Regions and Divisions (Census Bureau definitions).”

## Innovation Diversity and Industry Cluster Diversity

According to a 2010 report by the U.S. Bureau of Labor Statistics, Quarterly Census of Employment & Wages (QCEW) and Purdue Center for Regional Development (<http://www.statsamerica.org/innovation/anydata/>), Massachusetts has diverse industry clusters. The following list includes examples of industries in which Massachusetts' concentrations exceed concentrations of the United States overall. The Location Quotient is a metric that compares raw data for Massachusetts against raw data for the United States overall. A number greater than 1.00 indicates a relative measure by which Massachusetts has a higher concentration than the United States in the respective industry. As the data below indicates, Massachusetts has a higher (> 1.00) number of establishments (*e.g.* businesses) and number of employees in many sciences and technologies than the United States overall.

	<u>Establishments Location Quotient</u>	<u>Employment Location Quotient</u>
Advanced Materials	1.38	1.43
Biomedical/Biotechnical (Life Sciences)	1.06	1.38
Business & Financial Services	1.03	1.21
Defense & Security	1.21	1.11
Education & Knowledge Creation	1.33	1.39
Glass & Ceramics	1.05	0.94
Information Technology & Telecommunications	1.38	1.84
Manufacturing Supercluster	1.01	1.00
Fabricated Metal Product Mfg	1.04	0.95
Computer & Electronic Product Mfg	1.69	2.25
Electrical Equip., Appliance & Component Mfg	1.21	1.11
Printing & Publishing	1.09	1.14

See "Attachment D -- Massachusetts Industry Clusters" for the complete data. Go to <http://www.statsamerica.org/innovation/anydata/> to research further related data for Massachusetts and other states.

	<u>Occupational Cluster Employment Location Quotient</u>
Health Care and Medical Science (Aggregate)	1.37
Health Care and Medical Science (Medical Practitioners and Scientists)	1.41
Health Care and Medical Science (Medical Technicians)	1.22
Health Care and Medical Science (Therapy, Counseling and Rehabilitation )	1.41
Mathematics, Statistics, Data and Accounting	1.34
Information Technology (IT)	1.59
Natural Sciences and Environmental Management	1.12
Engineering and Related Sciences	1.46
Postsecondary Education and Knowledge Creation	1.47
Technology-Based Knowledge Clusters	1.43

See "Attachment E -- Massachusetts Occupational Clusters" for the complete data. Go to <http://www.statsamerica.org/innovation/anydata/> to research further related data for Massachusetts and other states.

### **Patent applications by state**

From 2006 – 2010, Massachusetts residents were granted 19,656 patents which ranks first in the country in utility patents issued per capita, with 30.02 patents per 10,000 residents from 2006-2010. See [http://www.uspto.gov/web/offices/ac/ido/oeip/taf/cst\\_utlh.htm](http://www.uspto.gov/web/offices/ac/ido/oeip/taf/cst_utlh.htm), last visited on January 24, 2012, where the number of utility patents granted is based on residence of lead named inventor; and [http://www.census.gov/geo/www/guide/loc/guide\\_main.html](http://www.census.gov/geo/www/guide/loc/guide_main.html), last visited on January 24, 2012, where population is based on 2010 census data.

### **Investments in New England**

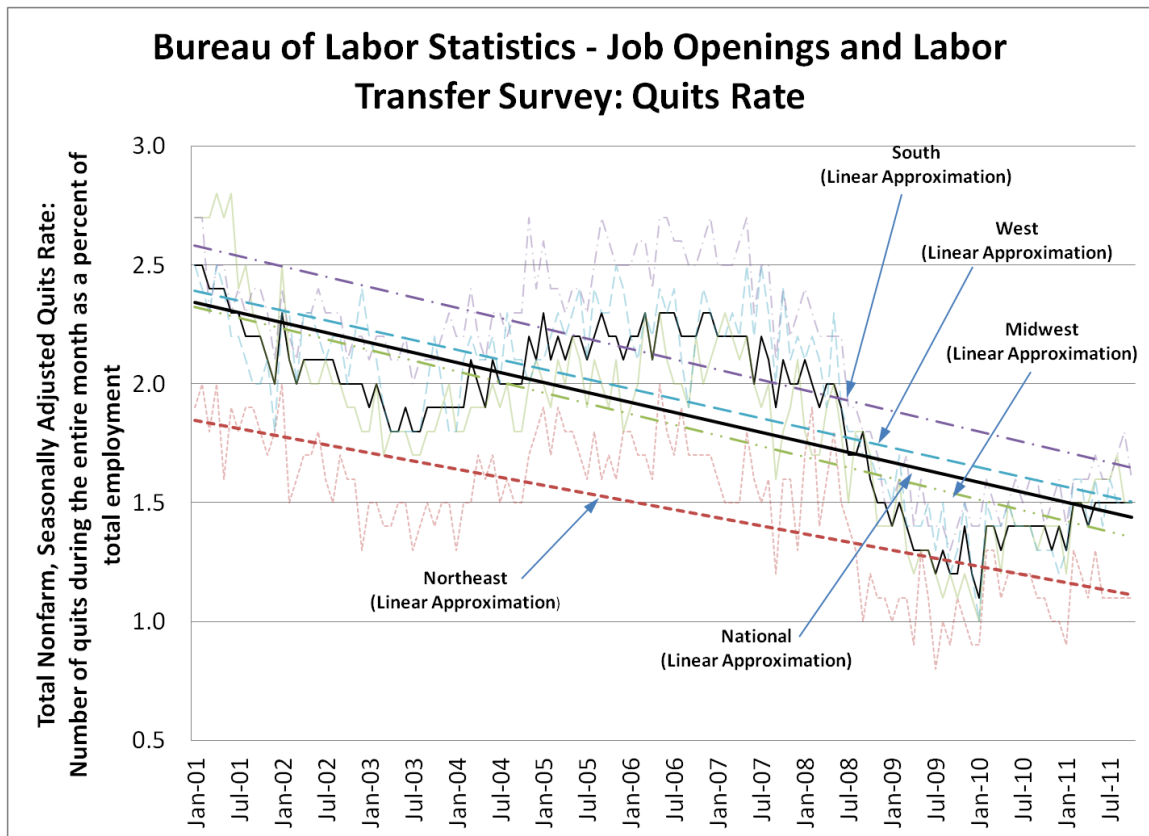
According to PricewaterhouseCoopers based on data provided by Thomson Reuters (<https://www.pwcmoneytree.com/MTPublic/ns/nav.jsp?page=region>), New England ranked among the highest regions for investments in the country during Q3 and Q4 of 2011.

**(2) A Massachusetts satellite office will enhance patent examiner retention. The information presented below relates to quality of life indicators, such as average household income, cost of living factors, and other factors related to employee retention.**

**Quits Rate Data**

The USPTO’s stated purpose for opening satellite offices is to improve the quality of patent examination, which is affected by the attrition rate of examiners. Data from the U.S. Bureau of Labor Statistics’ (BLS) Job Openings and Labor Turnover Survey (JOLTS) supports the premise that employees in the Northeast region, including Massachusetts, tend to work for their employers longer than do counterparts in other states or regions of the country. The BLS defines “quits” as employees who left voluntarily, with the exception of retirements or transfers to other locations which are reported with Other Separations. According to the BLS, “[t]he quits rate can serve as a measure of workers’ willingness or ability to change jobs.”

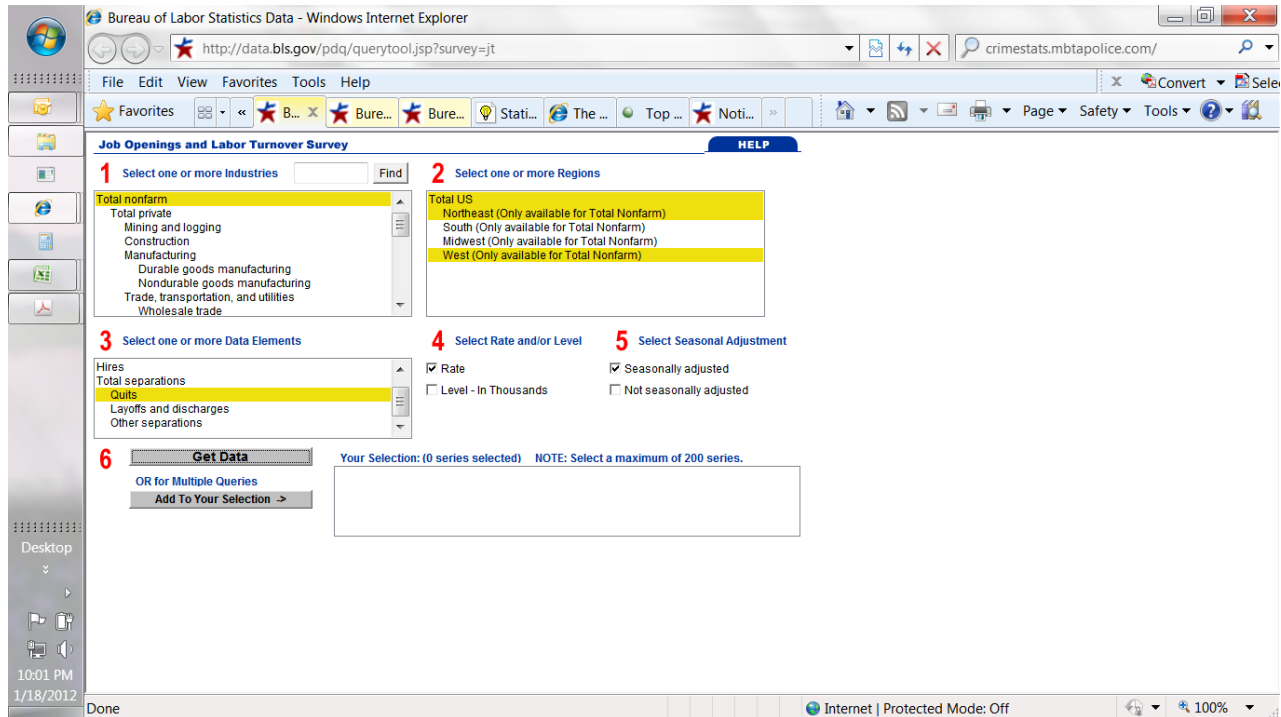
The Boston Patent Law Association believes that the Massachusetts and New England culture of employees’ valuing their employers, and vice-versa, results in Massachusetts and New England employees being less likely to leave their employers after being fully trained. For a satellite office of the USPTO, that means that Massachusetts as a central location for New England has a higher likelihood of providing a better return on the USPTO’s investment in establishing a satellite office here compared to establishing offices in other parts of the country.



The foregoing graph shows the Quits Rate for the Northeast, Midwest, South, West, and Nationally. Data is provided in the attachment entitled “Attachment F -- Quits Rate Data by



Area of the Country” and was retrieved from the Bureau of Labor and Statistics for the years 2001 through 2011. The following screen shot illustrates the process that was used to retrieve the data for the Quits Rate graph above. The process is described below the screen shot.



See <http://bls.gov/jlt/#data> > select “one-screen data search” > select: step 1 - “Total nonfarm”; step 2 - “Total US”, “Northeast (Only available for Total Nonfarm)” and “West (Only available for Total Nonfarm)”; step 3 - “Quits”; step 4 - “Rate”; step 5 - “Seasonally Adjusted”; and step 6 - “Get Data”, last visited on January 24, 2012.

### Occupational Employment Data

According to the Bureau of Labor and Statistics, a satellite office of the USPTO would be able to offer entry level examiners (*e.g.*, GS11) in Massachusetts and New England salaries that are consistent with salary ranges of their private industry counterparts. See data in attachment entitled “Attachment G -- Massachusetts Occupational Employment Statistics.”

### Household Income

Attached is a spreadsheet of data obtained from the U.S. Census Bureau that indicates family income and other metrics of household income in Massachusetts. See the file entitled, “Attachment H -- Massachusetts household income data (U.S. Census Bureau),” which shows selected data from the following link to the U.S. Census Bureau website:

<http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkmk>.

### **Cost of Living**

According to the U.S. Census Bureau for 2010 data, the cost of living in the Boston metro area is similar to the cost of living index to the Washington, D.C. metro area. In addition to supporting recruitment and retention of entry-level examiners, the similar cost of living will enable experienced examiners to transfer from the Alexandria, Virginia office to a Greater Boston satellite office without experiencing an increase in their cost of living. See the attachment entitled “Attachment I -- Cost of Living Index -- Selected Urban Areas – 2010.”

For a different cost of living comparison calculator, see <http://cgi.money.cnn.com/tools/costofliving/costofliving.html>.

### **Real-Estate Market**

According to the Zillow real-estate research tool at <http://www.zillow.com/local-info/#metric=mt%3D34%26dt%3D1%26tp%3D5%26rt%3D14%26r%3D102001%252C395209%252C394404%26el%3D0>, the real-estate markets in the Boston metro area and Washington, D.C. metro area are comparable.

### **Other**

Other regional statistics that may be of interest to the USPTO in making its determination of where to establish the at least two satellite offices beyond the one to be located in Detroit can be found through using tools at [http://www.statsamerica.org/profiles/sip\\_index.html](http://www.statsamerica.org/profiles/sip_index.html).

**(3) A Massachusetts satellite office will improve recruitment of patent examiners. The following information includes data on employment rates and other economic factors in the area, science and technology professionals, as well as legal professionals in the workforce and other related information.**

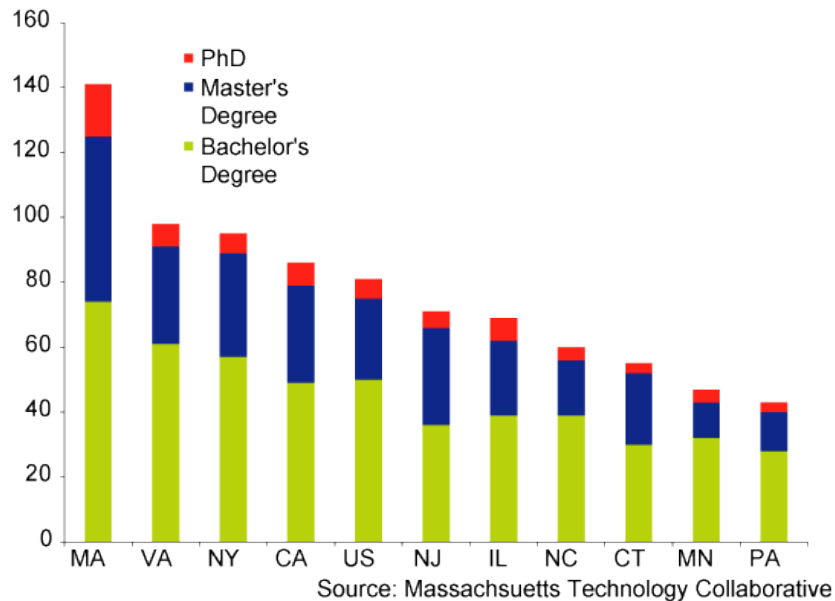
**Science and Technology Professionals**

Massachusetts and New England have a high concentration of professionals in diverse fields of science and technology, as evidenced by the “innovation density” presented above and attached.

In a study conducted by the Boston Indicators Project, the number of awarded engineering Doctoral Degrees increased from 2005 through 2007 by 33%, to 16 Ph.D.’s awarded per 100,000 people in the workforce. At that same time, compared to other leading technology states, Massachusetts awarded 46% more degrees and 76% more advanced degrees (Master’s and Ph.D.’s) than its next closest competitor.

See <http://www.tbf.org/Indicators2008/Technology/Indicator.aspx?id=11348> and chart below, which was compiled by the Massachusetts Technology Collaborative.

**Engineering Degrees Awarded per 100,000 in the Workforce, MA & LTS, 2007**



Other data for science and engineering occupations in Massachusetts can be found at the website of the Bureau of Labor Statistics at <http://www.bls.gov/ro1/#notices>.

Massachusetts and the New England Region provide access to an abundant supply of universities with strong engineering programs. New England is home to 43 Accreditation Board for Engineering and Technology (ABET) - accredited Bachelor's of Engineering programs, with Massachusetts being home to 19 such programs.

State Education Rankings: The Best And Worst For Math And Science: In recently released rankings by the Huffington Post, in a story by Emmeline Zhao on July 11, 2011, about how states' primary education systems are preparing students for careers in engineering, Massachusetts, Minnesota, and New Jersey top the list. The Science and Engineering Readiness Index (SERI) measures how high school students are performing in physics and calculus – based on publicly available data, including Advanced Placement scores, National Assessment of Educational Progress reports, and teacher certification requirements by state and physics class enrollment data. The SERI was developed by Susan Wite from the Statistical Research Center at the American Institute of Physics and physicist Paul Cottle of Florida State University. The SERI score given to each state is on a scale of 1 to 5 and reflects how well states perform and allow opportunities for success in physics and math education and teacher qualifications. See [http://www.huffingtonpost.com/mobileweb/2011/07/11/state-education-rankings-n\\_894528.html](http://www.huffingtonpost.com/mobileweb/2011/07/11/state-education-rankings-n_894528.html).

#### **Number of Patent Professionals**

Massachusetts and New England have a high concentration of patent professionals. The concentration of patent professionals is determined by dividing the number of registered practitioners from the USPTO database by census population data, which results in the following concentrations, based on January 2012 data:

Massachusetts:  $1897/6547629 = 2.897 \text{ e-}4$  (*i.e.*, 2.897 per 10,000)

New England:  $2939/14444865 = 2.035 \text{ e-}4$  (*i.e.*, 2.035 per 10,000)

#### **(4) A Massachusetts satellite office will decrease the number of patent applications awaiting examination.**

Based on the data and information presented above and attached, the Boston Patent Law Association respectfully submits that the number of patent applications awaiting examination will decrease if a satellite office of the USPTO is established in Massachusetts as a central location for New England.

#### **(5) A Massachusetts satellite office will improve the quality of patent examination.**

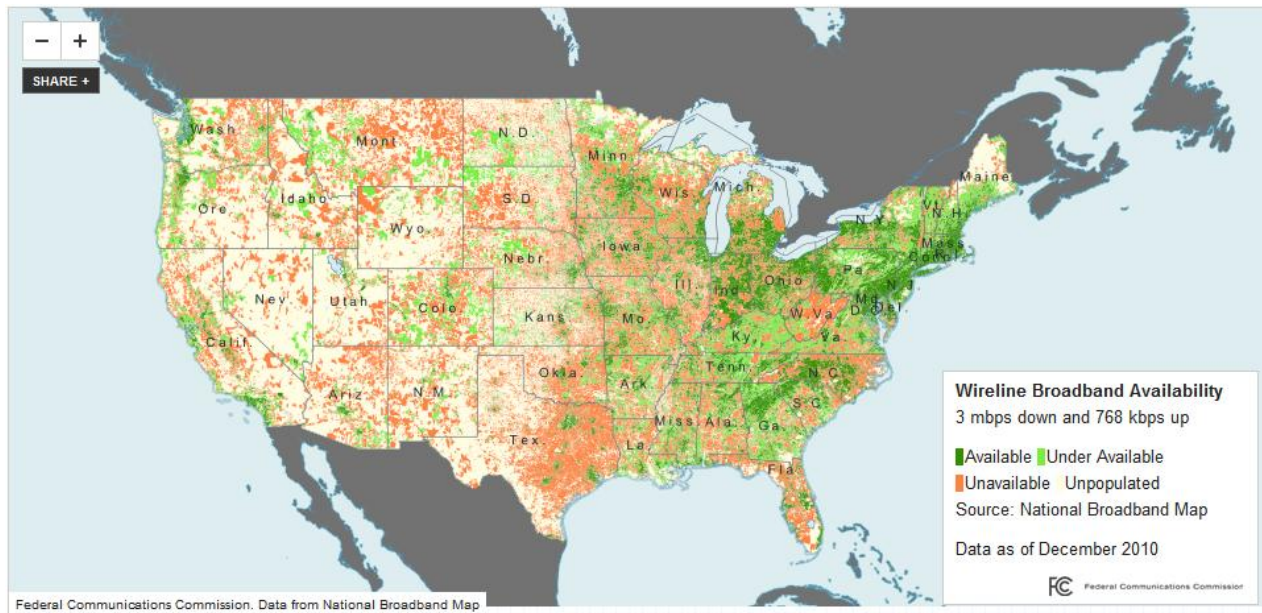
Based on the data and information presented above and attached, the Boston Patent Law Association respectfully submits that quality of patent examination will improve if a satellite office of the USPTO is established in Massachusetts as a central location for New England.

**(6) A Massachusetts satellite office provides a cost-effective solution because of its infrastructure and other practical considerations.**

While not specifically requested by the USPTO, the Boston Patent Law Association believes that there are other factors that will be helpful to the USPTO, such as cost, in determining where to establish satellite offices beyond the first one being located in Detroit.

**Availability of High Bandwidth Networking**

The cost of establishing a satellite office can be kept lower if network resources are already available to be used as compared to having to install such infrastructure at the expense of the USPTO or at the expense of the host city. An example of a network resource is fiber optic availability between a satellite office and the main office of the USPTO in Alexandria, Virginia. Below is a color map, provided by the Federal Communications Commission (FCC), that graphically illustrates broadband availability around the United States, where the darker regions represent greater availability. See <http://www.broadbandmap.gov/rank/all/state/percent-population/within-nation/technology-all/ascending/>



### **Government Buildings Reuse or Sharing**

According to the Government Services Administration (GSA) (see <http://www.gsa.gov/portal/category/21426>, last reviewed 8/22/11), the New England Region is home to more than 92 federally-owned facilities, 400 leased locations, and border station facilities serving entry points to Canada, eliminating the need for constructing a federal building for a satellite office. The New England Region GSA manages more than 22 million square feet of government-owned and leased space for federal agencies in the states of Massachusetts, Connecticut, Maine, New Hampshire, Rhode Island, and Vermont.

The GSA's Massachusetts Real Estate Portfolio includes such facilities as: Thomas P. O'Neill, Jr. Federal Building, Captain John F. Williams Coast Guard Building, John F. Kennedy Federal Building, Joseph Moakley U.S. Courthouse, John W. McCormack Post Office and U.S. Courthouse, Philip J. Philbin Federal Building, Hastings Keith Federal Building, U.S. Custom House, and the Silvio O. Conte Federal Building. See <http://www.gsa.gov/portal/category/22234>, last visited on January 24, 2012.

## Transportation Infrastructure

### Proximate Major Airport: Boston Logan International

Boston Logan International Airport is New England's largest transportation center and generates \$7 billion in economic activity each year. Located within Boston, it is a city within a city. Situated on a 1,700 acre footprint of land, the airport has a fire department, a police department, a power plant, two hotels, a non-denominational chapel and 27 acres of landscaping along the roadways and terminals. See <http://www.massport.com/logan-airport/about-logan/Pages/Default.aspx>, last visited January 24, 2012.

### Public Transportation and MBTA Map

In terms of daily ridership, the Massachusetts Bay Transportation Authority (MBTA) remains the nation's 5th largest mass transit system. It serves a population of 4,667,555 (2000 census) in 175 cities and towns with an area of 3,244 square miles. To carry out its mission, the MBTA maintains 183 bus routes, 2 of which are Bus Rapid Transit lines, 3 rapid transit lines, 5 streetcar (Central Subway/Green Line) routes, 4 trackless trolley lines and 13 commuter rail routes. Its roster of equipment includes 927 diesel and CNG buses, 32 dual-mode buses, 28 ETB's (electric trolley buses), 408 heavy rail vehicles, 200 light rail vehicles, 10 PCC's streetcars, 83 commuter rail locomotives, 410 commuter rail coaches and 298 MBTA-owned specially equipped vans and sedans, and an additional 235 contractor-supplied specially equipped vans and sedans. The average weekday ridership for the entire system is approximately 1.1 million passenger trips. For more information about public transportation, see <http://www.mbta.com/>.



## **Conclusion**

Because Massachusetts has a high innovation density, a high diversity of innovation and industry, and a high number of patents issued per capita, a satellite office will increase the USPTO's outreach activities to better connect patent filers and innovators with the USPTO. Because of the culture of employee loyalty – as evidenced by the low Quits Rate – and the similarity of economic factors, such as household income, cost of living, and real estate, between the Boston metropolitan area and the D.C. metropolitan area, examiner retention will be higher in a Boston metropolitan satellite office. And, because of its high concentration of professionals in diverse fields of science and technology, the large number and high concentration of patent professionals, and the large number of accredited Bachelor's of Science Engineering programs, a Massachusetts satellite office will improve the recruitment of patent examiners. Based on the totality of factors presented above, the USPTO can expect to decrease the number of patent applications awaiting examination and improve the quality of patent examinations, as a result of establishing a satellite office in Massachusetts as a central location for New England.



**INNOVATION DENSITY BY STATE (TOP 12)**

MASSACHUSETTS	282.0
NEW JERSEY	225.4
CONNECTICUT	180.2
RHODE ISLAND	133.5
DELAWARE	105.6
CALIFORNIA	99.3
MARYLAND	81.1
NEW YORK	73.4
VERMONT	65.5
WASHINGTON	58.6
NEW HAMPSHIRE	54.2
IDAHO	47.1
MICHIGAN	46.4

The Innovation Density is defined as the sum of the no. of patents per 10,000 residents plus the no. of patents per 100 sq. miles.  
All data is based on 2006-2010 data from the USPTO and the Census Bureau.

**STATES SORTED BY INNOVATION DENSITY**

	No. of Patents				Total No. of Patents 2006-2010	No. of Citizens 2,010	"per capita patents" No. of patents per 10000 residents (2006-2010 using 2010 census data)	No. of sq. miles	"per area patents" (No. of patents per 100 sq. miles 2006-2010)	INNOVATION DENSITY (=per capita patents + per area patents) (2006-2010 using 2010 census data)	
	2,006	2,007	2,008	2,009							
MASSACHUSETTS	4,011	3,510	3,516	3,696	4,923	19,656	6,547,829	30.0	7,800	252.0	282.0
NEW JERSEY	3,171	2,693	2,722	2,839	3,874	15,299	8,791,894	17.4	7,354	208.0	225.4
CONNECTICUT	1,652	1,384	1,357	1,416	1,875	7,684	3,574,097	21.5	4,842	158.7	180.2
RHODE ISLAND	269	263	218	231	276	1,257	1,052,567	11.9	1,034	121.6	133.5
DELAWARE	357	330	325	311	367	1,690	897,934	18.8	1,949	86.7	105.6
CALIFORNIA	22,275	19,600	19,182	20,648	27,337	109,042	37,253,956	29.3	155,779	70.0	99.3
MARYLAND	1,410	1,246	1,232	1,277	1,578	6,743	5,773,552	11.7	9,707	69.5	81.1
NEW YORK	5,628	5,006	4,885	5,237	7,082	27,838	19,378,102	14.4	47,126	59.1	73.4
VERMONT	437	472	437	452	642	2,440	625,741	39.0	9,217	26.5	65.5
WASHINGTON	3,286	3,228	3,517	4,309	5,258	19,598	6,724,540	29.1	66,456	29.5	58.6
NEW HAMPSHIRE	602	542	477	542	725	2,888	1,316,470	21.9	8,953	32.3	54.2
IDAHO	1,663	1,350	1,162	941	1,095	6,211	1,567,582	39.6	82,643	7.5	47.1
MICHIGAN	3,758	3,141	2,996	2,983	3,823	16,701	9,883,640	16.9	56,539	29.5	46.4
MINNESOTA	2,957	2,554	2,535	2,625	3,597	14,268	5,303,925	26.9	79,627	17.9	44.8
OHIO	2,630	2,255	2,227	2,341	3,230	12,683	11,536,504	11.0	40,861	31.0	42.0
PENNSYLVANIA	2,842	2,500	2,414	2,656	3,351	13,763	12,702,379	10.8	44,743	30.8	41.6
ILLINOIS	3,294	2,894	2,741	2,898	3,611	15,438	12,830,632	12.0	55,519	27.8	39.8
OREGON	2,060	1,877	1,781	1,784	2,040	9,542	3,831,074	24.9	95,988	9.9	34.8
NORTH CAROLINA	1,974	1,745	1,841	2,012	2,636	10,208	9,535,483	10.7	48,618	21.0	31.7
FLORIDA	2,601	2,358	2,046	2,197	2,978	12,180	18,801,310	6.5	53,625	22.7	29.2
WISCONSIN	1,688	1,412	1,349	1,467	1,814	7,730	5,686,986	13.6	54,158	14.3	27.9
COLORADO	2,118	1,745	1,621	1,714	2,135	9,333	5,029,196	18.6	103,642	9.0	27.6
INDIANA	1,165	1,137	985	1,095	1,492	5,874	6,483,802	9.1	35,826	16.4	25.5
TEXAS	6,308	5,733	5,712	5,934	7,545	31,232	25,145,561	12.4	261,232	12.0	24.4
VIRGINIA	1,094	1,004	1,030	1,073	1,587	5,788	8,001,024	7.2	39,490	14.7	21.9
GEORGIA	1,487	1,310	1,344	1,415	1,905	7,461	9,687,653	7.7	57,514	13.0	20.7
ARIZONA	1,705	1,571	1,584	1,562	1,976	8,398	6,392,017	13.1	113,594	7.4	20.5
UTAH	684	638	642	766	1,017	3,747	2,763,885	13.6	82,170	4.6	18.1
IOWA	666	601	561	670	763	3,261	3,046,355	10.7	55,857	5.8	16.5
TENNESSEE	669	618	586	647	925	3,445	6,346,105	5.4	41,235	8.4	13.8
SOUTH CAROLINA	577	411	395	461	517	2,361	4,625,364	5.1	30,061	7.9	13.0
MISSOURI	721	702	615	708	975	3,721	5,988,927	6.2	68,742	5.4	11.6
KANSAS	492	424	425	435	615	2,391	2,853,118	8.4	81,759	2.9	11.3
KENTUCKY	413	429	413	368	536	2,159	4,339,367	5.0	39,486	5.5	10.4
OKLAHOMA	543	470	417	403	516	2,349	3,751,351	6.3	68,594	3.4	9.7
HAWAII	84	64	77	71	121	417	1,360,301	3.1	6,423	6.5	9.6
NEW MEXICO	344	286	280	303	434	1,647	2,059,179	8.0	121,298	1.4	9.4
NEVADA	386	367	375	338	540	2,006	2,700,551	7.4	109,781	1.8	9.3
MAINE	142	110	113	118	211	694	1,328,361	5.2	30,843	2.3	7.5
ALABAMA	357	300	279	304	444	1,684	4,779,736	3.5	50,645	3.3	6.8
NEBRASKA	186	203	191	193	214	987	1,826,341	5.4	76,824	1.3	6.7

NORTH DAKOTA	66	82	63	82	107
LOUISIANA	321	262	260	257	304
MONTANA	121	110	91	73	105
WYOMING	48	54	35	59	82
WEST VIRGINIA	103	106	74	92	118
SOUTH DAKOTA	74	60	54	46	70
MISSISSIPPI	119	142	102	125	145
ARKANSAS	138	113	108	96	144
ALASKA	36	18	20	39	28

400	672,591	5.9	69,001	0.6	6.5
1,404	4,533,372	3.1	43,204	3.2	6.3
500	989,415	5.1	145,546	0.3	5.4
278	563,626	4.9	97,093	0.3	5.2
493	1,852,994	2.7	24,038	2.1	4.7
304	814,180	3.7	75,811	0.4	4.1
633	2,967,297	2.1	46,923	1.3	3.5
599	2,915,918	2.1	52,036	1.2	3.2
141	710,231	2.0	570,641	0.0	2.0

DISTRICT OF COLUMBIA*	63	63	68	57	82
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333	601,723	5.5	61	545.0	550.5
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	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
<b>Total, U.S. And Foreign Origin</b>	45679	47375	62857	68405	65652	59104	67559	64429	78317	74810	74143	76278	72000	70226	65269	66102	48854	61819	65771	57888	56860	67200
-- Subtotal -- U.S. Origin	37174	38410	50331	54634	51274	45781	50394	47073	55975	51519	51501	50646	46712	44280	41488	41250	30074	37350	39218	33890	32868	38373
-- Subtotal -- Foreign Origin	8505	8965	12526	13771	14378	13323	17165	17356	22342	23291	22642	25632	25288	25946	23781	24852	18780	24469	26553	23998	23992	28827
<b>Extended Year Set - Patent Counts by Country/State and Year, Utility Patents Report</b>																						
<b>Granted as Distributed by Year of Patent Grant</b>																						
<b>U.S. State and Foreign Country of Origin</b>																						
CALIFORNIA	4357	4604	6305	6781	6267	5637	6373	5966	7306	6528	7040	6548	6223	5974	5679	5503	4174	5053	5172	4543	4424	5007
TEXAS	1340	1271	1578	1806	1769	1772	1900	1833	1998	2032	2080	2146	2111	1940	1850	1930	1481	1810	1919	1798	1873	2292
NEW YORK	4437	4577	5812	6202	5504	4956	5540	5317	6108	5575	5413	5183	4501	4398	4099	3921	2629	3356	3393	2993	2731	3182
MASSACHUSETTS	1647	1713	2095	2388	2148	1910	2190	2086	2627	2366	2203	2195	1957	1868	1685	1732	1255	1534	1679	1388	1321	1639
WASHINGTON	337	362	448	507	446	395	484	398	530	453	508	518	523	514	497	495	396	506	503	468	450	497
MICHIGAN	2347	2434	3135	3494	3164	2816	3002	2688	3255	3027	2923	2927	2585	2342	2251	2348	1710	2121	2252	1740	1676	2058
ILLINOIS	3288	3451	4508	4561	4162	3713	3967	3704	4397	3965	4073	4145	3694	3565	3296	3107	2271	2723	2592	2333	2139	2597
NEW JERSEY	2847	3132	3987	4512	4371	3769	4369	4128	4493	4571	4129	3766	3786	3729	3469	3452	2429	2963	3057	2657	2632	2974
MINNESOTA	710	724	982	1069	985	881	1067	975	1084	970	973	1042	991	851	850	830	659	798	893	748	776	922
PENNSYLVANIA	2752	2855	3902	4131	3824	3379	3732	3527	3941	3809	3658	3756	3414	3124	2984	2900	2081	2515	2629	2220	2172	2557
OHIO	2917	2663	3574	3812	3485	3207	3407	3112	3781	3315	3328	3391	2974	2734	2521	2568	1813	2156	2328	2075	1905	2154
FLORIDA	528	591	726	790	832	794	769	790	1003	937	969	1055	996	914	971	907	686	1048	1152	835	851	1033
NORTH CAROLINA	276	315	405	467	586	494	496	462	585	579	532	506	518	482	465	476	348	473	486	390	376	517
OREGON	222	243	296	329	319	271	310	279	411	341	395	352	325	275	281	312	231	299	329	249	240	335
COLORADO	233	224	333	321	326	327	416	377	512	498	591	574	545	525	527	531	421	475	519	450	429	517
ARIZONA	190	188	249	290	356	280	301	312	379	391	472	437	428	420	408	443	313	436	463	415	474	484
WISCONSIN	883	948	1277	1303	1171	1000	1035	1013	1275	1094	1153	1066	882	793	807	752	571	742	754	685	693	763
CONNECTICUT	1136	1305	1742	1859	1680	1569	1664	1571	1824	1599	1654	1613	1533	1520	1317	1251	993	1076	1236	1057	1063	1271
GEORGIA	186	175	276	284	310	294	302	253	371	283	370	361	346	307	286	354	262	329	359	348	313	377
MARYLAND	692	760	1015	1072	1059	915	1116	905	1196	1044	1003	981	968	862	764	743	567	720	749	646	634	640
IDAHO	53	40	46	52	48	56	65	67	69	79	108	79	79	72	72	60	54	77	88	72	61	59
INDIANA	994	978	1285	1375	1220	1100	1152	1109	1361	1184	1226	1210	1077	1082	909	961	683	857	959	897	873	897
VIRGINIA	408	449	656	738	781	663	664	618	750	723	712	659	621	650	576	519	418	512	560	510	471	553
UTAH	99	99	136	155	128	120	160	151	209	218	240	237	208	207	197	163	176	202	194	174	167	219
MISSOURI	559	567	685	864	827	693	809	647	826	764	749	746	635	639	568	639	404	600	643	503	449	514
TENNESSEE	321	273	367	489	435	417	430	359	380	343	380	379	366	361	338	317	289	368	403	338	337	381
IOWA	286	341	490	443	399	321	355	354	446	425	420	414	344	393	387	317	226	309	327	288	281	335
NEW HAMPSHIRE	109	92	135	153	157	114	154	174	217	155	168	167	168	157	153	164	111	162	179	193	172	152
VERMONT	30	40	57	48	47	61	64	63	127	78	100	85	74	68	68	76	37	54	73	64	64	85
KANSAS	181	211	270	314	273	263	257	274	286	289	321	331	315	267	258	281	183	246	209	173	162	229
SOUTH CAROLINA	123	127	158	200	222	168	223	179	265	265	250	248	244	243	227	277	187	222	269	223	240	278
OKLAHOMA	624	579	865	937	878	814	789	715	846	809	717	788	672	625	553	639	454	606	657	554	566	720
KENTUCKY	253	235	302	355	381	308	363	302	386	284	302	331	315	269	247	264	187	264	273	267	232	250
NEVADA	34	29	40	47	50	38	49	49	81	58	58	80	91	77	86	97	64	88	86	95	101	84
DELAWARE	359	374	479	608	599	559	564	532	512	702	538	518	494	421	387	369	219	279	328	255	253	281
ALABAMA	178	153	236	232	248	236	258	254	309	219	288	249	213	231	189	186	140	185	195	161	179	183
NEW MEXICO	76	102	108	116	120	88	115	71	108	115	124	106	112	124	97	88	63	110	107	95	102	142
LOUISIANA	249	221	289	322	367	327	309	309	377	396	326	366	380	346	312	308	227	283	315	261	283	373
RHODE ISLAND	161	193	199	247	237	197	222	208	229	223	188	199	178	146	136	140	85	120	102	94	100	114
NEBRASKA	103	84	115	144	161	105	102	96	142	101	131	134	131	105	94	116	95	90	113	101	94	116
MAINE	48	61	62	72	80	67	50	70	91	82	59	74	62	51	50	72	49	60	84	58	68	84
MISSISSIPPI	48	45	50	50	65	47	76	57	81	66	84	90	97	74	65	64	45	60	73	52	48	73
ARKANSAS	69	63	85	74	58	55	77	93	97	81	68	102	72	92	97	87	59	72	76	68	67	66
MONTANA	32	44	26	37	57	52	54	36	46	53	60	48	47	34	42	56	32	51	62	36	34	52
WEST VIRGINIA	177	188	218	266	245	209	180	165	149	144	138	146	144	145	138	182	125	135	169	128	125	130
HAWAII	20	21	13	25	19	22	40	46	37	26	49	42	58	39	33	37	26	33	32	28	30	28
NORTH DAKOTA	40	36	32	39	46	48	51	37	49	33	39	50	32	30	45	47	25	28	36	26	23	40
DISTRICT OF COLUMBIA	145	157	181	161	236	154	208	207	244	103	74	69	74	73	51	57	50	50	42	43	35	28
SOUTH DAKOTA	37	30	37	35	51	38	35	42	61	38	35	44	40	43	35	39	17	22	27	39	25	23
WYOMING	19	25	35	24	29	31	28	29	47	29	28	39	28	48	28	37	25	34	34	25	25	29

ALASKA	7	10	13	14	19	12	22	23	26	24	23	29	25	14	22	21	17	21	18	16	12	11
GUAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHERN MARIANA ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PUERTO RICO	7	8	15	19	23	19	25	39	45	31	29	19	15	11	19	12	10	12	19	14	15	25
U.S. PACIFIC ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
U.S. VIRGIN ISLANDS	0	0	0	1	1	0	3	2	0	1	1	5	1	6	1	3	2	5	2	1	2	2
U.S. UNSPECIFIED REGION	0	0	1	0	2	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
CANAL ZONE	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
JAPAN	407	544	919	1122	1424	1464	2152	2625	4029	5151	4941	5894	6352	6542	6217	6912	5252	7124	8389	8149	8793	11110
GERMANY	2338	2418	3338	3981	3766	3442	4524	4439	5525	5728	5588	6156	6058	6212	5563	5874	4545	5782	6304	5469	5478	6323
UNITED KINGDOM	1813	1852	2558	2675	2800	2481	3181	2954	3465	3168	2855	3146	3042	2993	2653	2723	1910	2406	2471	2137	1929	2272
FRANCE	853	1013	1372	1435	1558	1446	1809	1731	2215	2230	2144	2569	2367	2408	2108	2119	1604	2087	2181	1975	1895	2163
CANADA	606	648	853	938	992	898	993	1068	1328	1242	1347	1326	1298	1193	1220	1227	867	1083	1138	993	1002	1202
TAIWAN	0	0	0	0	0	0	0	0	0	0	1	0	24	33	53	29	39	66	80	88	66	99
KOREA, SOUTH	0	3	2	2	0	2	0	3	2	7	5	7	13	7	6	13	5	8	17	14	26	30
SWITZERLAND	668	666	862	983	948	822	1058	1112	1281	1305	1326	1454	1456	1475	1347	1330	1026	1266	1240	1147	1016	1174
ITALY	345	308	414	429	471	477	556	571	726	838	759	807	737	754	756	725	595	806	883	753	625	794
SWEDEN	386	369	562	536	574	569	675	628	842	777	762	925	914	1002	862	826	573	822	766	685	623	701
NETHERLANDS	329	356	519	481	507	476	559	544	695	673	686	731	617	744	708	659	525	655	641	619	626	726
AUSTRALIA	69	81	110	111	151	119	155	145	201	183	202	234	248	261	243	281	211	265	318	266	237	292
ISRAEL	20	26	33	45	53	38	61	46	54	55	84	89	95	105	92	101	83	113	124	114	109	159
BELGIUM	85	130	184	185	176	169	220	233	305	319	283	348	277	334	255	264	185	244	263	224	205	240
FINLAND	18	9	22	27	34	31	43	46	59	69	88	109	98	109	105	125	77	121	140	125	116	167
AUSTRIA	86	91	143	128	151	160	191	188	251	271	237	294	310	296	243	274	223	267	279	229	267	256
DENMARK	70	63	88	101	123	82	144	138	170	173	154	176	146	178	155	168	105	157	130	121	125	150
CHINA, PEOPLE'S REPUBLIC OF	4	3	4	2	9	5	5	6	15	8	10	22	0	0	0	0	0	0	2	0	0	2
U.S.S.R.	15	13	28	66	115	97	160	220	336	359	384	496	421	426	394	412	354	460	373	209	222	214
SPAIN	26	19	49	50	46	48	59	57	74	60	87	89	93	102	96	92	49	65	58	49	50	69
NORWAY	33	43	52	59	49	49	69	68	77	88	84	91	103	103	106	89	80	79	93	65	66	87
INDIA	4	7	8	5	10	15	18	16	10	19	21	17	13	17	13	15	14	4	6	4	14	12
SINGAPORE	0	0	0	0	1	1	2	0	4	4	7	6	1	3	3	2	0	3	4	3	5	4
CHINA,HONG KONG																						
S.A.R.	6	5	6	8	12	7	7	8	20	7	15	9	10	21	9	21	14	27	33	18	14	24
SOUTH AFRICA	30	37	69	48	52	35	65	50	71	54	86	86	74	83	68	81	64	74	111	73	60	82
HUNGARY	13	20	20	31	23	21	22	37	38	48	46	62	51	75	80	66	63	87	98	112	106	111
IRELAND	2	0	5	9	8	10	13	12	29	18	28	17	15	18	16	21	8	16	17	19	18	26
NEW ZEALAND	12	12	17	10	15	13	16	14	17	26	25	20	28	33	32	41	23	51	47	44	38	50
RUSSIAN FEDERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEXICO	92	73	87	99	43	41	67	43	64	43	42	51	67	78	42	24	36	41	42	35	32	42
BRAZIL	17	10	11	17	12	13	18	17	14	16	18	21	17	18	21	24	19	24	23	27	19	20
CZECHOSLOVAKIA	44	34	52	38	96	96	132	118	153	110	94	112	117	111	93	91	50	55	41	50	38	33
ARGENTINA	19	27	18	20	16	18	17	23	22	29	28	24	24	24	20	21	24	18	25	18	21	20
MALAYSIA	1	0	2	2	0	0	0	1	0	0	0	1	3	3	3	1	2	0	1	1	2	2
LUXEMBOURG	5	4	3	6	7	7	2	1	6	8	6	19	16	15	16	16	21	13	27	26	27	24
POLAND	3	1	9	10	12	25	31	33	31	21	25	27	36	26	24	33	29	37	38	26	20	15
VENEZUELA	9	12	11	7	5	13	6	3	13	7	6	7	0	0	0	2	11	11	12	10	5	11
LIECHTENSTEIN	5	10	14	12	13	15	14	23	28	10	14	15	13	21	11	10	8	18	20	19	12	16
BULGARIA	0	1	1	0	5	1	7	9	11	10	16	13	24	19	33	32	14	23	27	13	19	22
GREECE	7	1	5	5	13	3	11	8	6	16	14	17	9	11	10	6	6	3	5	9	7	9
CZECH REPUBLIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROMANIA	2	2	2	4	6	21	21	37	35	33	25	35	17	15	18	11	10	14	10	5	2	5
PHILIPPINES	7	5	2	4	1	2	4	2	5	11	13	6	7	9	8	8	5	2	7	7	5	1

SAUDI ARABIA	0	1	0	1	0	1	0	3	1	2	1	0	0	3	1	0	0	2	1	0	5	4
THAILAND	0	0	0	0	0	0	0	0	1	1	0	2	1	0	1	0	1	2	2	0	2	1
YUGOSLAVIA / SERBIA-MONTENEGRO	2	4	3	4	4	4	3	6	9	6	5	11	5	9	6	9	6	15	8	10	9	15
CHILE	1	1	3	1	3	2	8	2	8	4	5	3	7	1	4	4	1	5	1	1	1	4
ICELAND	0	2	3	2	1	4	1	7	9	7	2	3	2	0	0	2	2	0	0	0	2	2
PORTUGAL	3	2	2	4	1	7	6	3	7	7	2	6	7	2	4	4	0	1	4	6	5	1
MONACO	1	2	2	6	3	4	4	2	4	2	1	8	4	5	8	8	2	8	5	4	2	5
UKRAINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SLOVENIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLOMBIA	2	3	5	8	4	2	5	6	7	8	6	5	3	4	2	7	3	1	4	4	5	4
TURKEY	0	2	0	2	4	3	1	0	3	3	5	1	1	0	1	1	3	1	2	0	0	2
THE BAHAMAS	3	6	1	1	3	3	8	0	9	3	5	8	4	5	4	8	4	6	8	2	4	5
INDONESIA	0	0	0	5	12	25	0	1	2	2	6	8	0	2	0	2	1	1	1	2	0	1
CROATIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EGYPT	0	1	1	3	4	1	0	0	2	3	2	2	2	1	0	0	0	2	2	1	0	2
KUWAIT	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
PERU	1	5	5	2	5	5	5	6	3	4	3	1	4	5	3	0	3	0	3	2	1	1
COSTA RICA	1	0	2	0	2	0	1	0	2	0	0	1	3	2	1	2	3	2	5	2	0	0
CUBA	8	1	1	0	0	0	0	1	2	1	0	1	0	0	1	1	2	1	1	0	0	2
IRAN	1	1	1	2	3	1	1	4	3	3	5	4	4	2	1	7	3	2	2	0	0	0
LEBANON	4	0	0	1	0	3	2	1	4	1	1	3	4	0	0	3	0	0	1	1	1	0
BELARUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SLOVAKIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KENYA	0	3	0	2	1	2	1	4	1	0	1	4	1	1	0	0	0	1	0	1	0	0
TRINIDAD AND TOBAGO	2	2	1	2	0	1	1	2	3	3	4	1	1	3	5	4	3	0	2	0	0	0
MOROCCO	3	3	6	6	3	4	1	2	0	3	3	0	0	0	5	1	0	0	0	0	1	2
UNITED ARAB EMIRATES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
URUGUAY	3	3	3	2	1	1	0	1	2	0	2	1	1	2	0	0	0	0	0	0	1	1
GUATEMALA	2	0	1	5	5	0	4	2	3	0	7	4	1	1	4	0	0	0	1	0	0	2
BERMUDA	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	1	1	2	1	1	2
JERSEY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	3	0	2	0
PANAMA	2	2	1	1	0	0	0	1	1	6	0	3	5	3	2	2	0	2	0	1	1	0
ZIMBABWE	5	3	1	2	2	0	3	0	5	1	0	3	0	2	3	1	0	2	0	0	2	0
CAYMAN ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	2	1	0
ECUADOR	1	0	0	0	1	0	1	0	0	0	2	1	1	1	0	0	1	1	1	0	0	0
LITHUANIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESTONIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOLIVIA	0	0	0	0	1	1	2	8	6	6	5	5	0	1	1	1	0	1	1	0	0	0
JAMAICA	1	0	0	0	1	1	0	1	0	4	1	1	2	1	2	2	0	2	0	0	0	1
CYPRUS	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	1
PAKISTAN	2	0	1	2	2	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1
NIGERIA	0	0	0	2	2	2	1	1	4	0	0	1	1	1	1	3	0	2	2	0	0	0
DOMINICAN REPUBLIC	0	2	1	0	0	0	0	0	0	1	2	1	1	0	0	1	0	0	1	0	1	2
EL SALVADOR	1	0	1	1	4	2	3	1	1	0	0	1	2	2	2	3	0	0	0	0	1	0
SRI LANKA	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
BRITISH VIRGIN ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HONDURAS	0	0	0	1	0	1	5	3	1	1	2	0	0	0	0	1	0	0	0	0	0	0
MALTA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEORGIA (REPUBLIC OF)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISLE OF MAN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
HAITI	0	0	0	2	2	2	2	1	3	0	0	3	0	1	0	0	1	2	1	3	0	0
LATVIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALI	0	0	19	5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
TUNISIA	1	0	1	0	1	0	0	0	0	1	1	0	0	0	1	0	1	2	1	1	0	1
GUERNSEY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
KAZAKHSTAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

JORDAN	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
NICARAGUA	0	0	0	2	4	2	2	1	2	2	2	0	0	0	0	1	0	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
TURKS AND CAICOS ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIET NAM	0	0	0	0	0	0	1	0	1	2	1	2	1	1	0	0	0	0	0	0	0	0	0
BARBADOS	0	0	0	0	1	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0
SERBIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDORRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALGERIA	3	0	2	0	0	1	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
ARMENIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NETHERLANDS ANTILLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
TANZANIA	0	0	0	0	0	1	3	0	3	1	0	0	0	0	0	0	0	0	0	0	0	1	0
UZBEKISTAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AZERBAIJAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHINA, MACAU S.A.R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZAMBIA	0	0	3	1	1	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0
ANTIGUA AND BARBUDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
PARAGUAY	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	1	1	1	0
OMAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAINT KITTS AND NEVIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMEROON	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
UGANDA	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
SUDAN	0	0	0	0	0	2	0	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
FIJI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRENCH POLYNESIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
GIBRALTAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOLDOVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORFOLK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
QATAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENEGAL	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0
ARUBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
COTE D'IVOIRE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0
GHANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
BOSNIA AND HERZEGOVINA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
KYRGYZSTAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LIBYA	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
MADAGASCAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
MYANMAR	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0
ANGUILLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
MALAWI	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0
MAURITANIA	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
PAPUA NEW GUINEA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
SEYCHELLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURINAME	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRUNEI DARUSSALAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
CONGO, DEM. REPUBLIC OF THE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

ETHIOPIA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
KOREA, NORTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MACEDONIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARSHALL ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARTINIQUE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN MARINO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VANUATU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
ALBANIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BENIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BURKINA FASO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COCOS ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COOK ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FAROE ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GABON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GREENLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUADELOUPE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NAMIBIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW CALEDONIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
PALAU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAINT LUCIA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAINT VINCENT AND THE GRENADINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Country, State, and Year, Utility Patents (December 2010)

PARTS A1

Period: 01/01/1963 - 12/31/2010

Technology Monitoring Team Report

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[Top](#)

[Home > Listing of Viewable PTMT Reports](#)

Last Modified : 04/01/2011 09:20:47

1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
71661	70860	82952	77924	95537	90365	96511	97444	98342	101676	101419	109645	111984	147517	153485	157494	166034	167330	169023	164290	143806	173772	157282	157772	167349
39556	38126	43519	40498	50184	47391	51177	52253	53231	56066	55739	61104	61708	80289	83906	85068	87599	86970	87893	84270	74637	89823	79526	77502	82382
32105	32734	39433	37426	45353	42974	45334	45191	45111	45610	45680	48541	50276	67228	69579	72426	78435	80360	81130	80020	69169	83949	77756	80270	84967
5314	5252	6351	6071	7563	6946	7715	7883	8165	8956	9262	10473	11289	15790	16774	17491	18595	18829	19688	19488	17989	22275	19600	19182	20648
2362	2357	2719	2388	3219	2929	3178	3359	3389	3879	3887	4171	4140	5576	6050	6322	6371	6029	6029	5930	5260	6308	5733	5712	5934
3325	3141	3537	3315	4106	4054	4467	4479	4692	4905	4683	5175	4813	6319	6109	6086	6346	6360	6234	5846	4703	5628	5006	4885	5237
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2010	All Years	# patents 2006-2010	# citizens 2010	# patents per 10000 residents 2006-2010 (using 2010 census data)	# sq. miles	# patents per 100 sq. miles 2006-2010	"INNOVATION DENSITY CLUSTER FACTOR"
219614	4767685						
107792	2728424			(per capita)		("innovation density")	(=per capita patents + innovation density)
111822	2039261			(2006-2010 using 2010 census data)		(2006-2010 using 2010 census data)	(2006-2010 using 2010 census data)
27337	480390	109042	37,253,956	29.3	155,779.20	70.0	99.3
7545	161305	31232	25,145,561	12.4	261,231.70	12.0	24.4
7082	230360	27838	19,378,102	14.4	47,126.40	59.1	73.4
4923	116056	19656	6,547,629	30.0	7,800.10	252.0	282.0
5258	57684	19598	6,724,540	29.1	66,455.50	29.5	58.6
3823	136535	16701	9,883,640	16.9	56,538.90	29.5	46.4
3611	155032	15438	12,830,632	12.0	55,518.90	27.8	39.8
3874	160687	15299	8,791,894	17.4	7,354.20	208.0	225.4
3597	73518	14268	5,303,925	26.9	79,626.70	17.9	44.8
3351	144235	13763	12,702,379	10.8	44,742.70	30.8	41.6
3230	132638	12683	11,536,504	11.0	40,860.69	31.0	42.0
2978	73399	12180	18,801,310	6.5	53,624.80	22.7	29.2
2636	45731	10208	9,535,483	10.7	48,617.90	21.0	31.7
2040	34745	9542	3,831,074	24.9	95,988	9.9	34.8
2135	45196	9333	5,029,196	18.6	103,641.90	9.0	27.6
1976	39353	8398	6,392,017	13.1	113,594.10	7.4	20.5
1814	56005	7730	5,686,986	13.6	54,157.80	14.3	27.9
1875	71732	7684	3,574,097	21.5	4,842.40	158.7	180.2
1905	33275	7461	9,687,653	7.7	57,513.50	13.0	20.7
1578	48391	6743	5,773,552	11.7	9,707.20	69.5	81.1
1095	22953	6211	1,567,582	39.6	82,643.12	7.5	47.1
1492	53133	5874	6,483,802	9.1	35,826.10	16.4	25.5
1587	37215	5788	8,001,024	7.2	39,490.10	14.7	21.9
1017	17800	3747	2,763,885	13.6	82,169.62	4.6	18.1
975	32569	3721	5,988,927	6.2	68,741.50	5.4	11.6
925	24206	3445	6,346,105	5.4	41,234.90	8.4	13.8
763	21245	3261	3,046,355	10.7	55,857.10	5.8	16.5
725	15380	2888	1,316,470	21.9	8,952.65	32.3	54.2
642	8845	2440	625,741	39.0	9,216.70	26.5	65.5
615	14292	2391	2,853,118	8.4	81,758.70	2.9	11.3
517	16558	2361	4,625,364	5.1	30,060.70	7.9	13.0
516	28976	2349	3,751,351	6.3	68,594.20	3.4	9.7
536	15506	2159	4,339,367	5.0	39,486.30	5.5	10.4
540	7854	2006	2,700,551	7.4	109,781.20	1.8	9.3
367	19579	1690	897,934	18.8	1,948.50	86.7	105.6
444	12976	1684	4,779,736	3.5	50,645.30	3.3	6.8
434	9385	1647	2,059,179	8.0	121,298.20	1.4	9.4
304	17178	1404	4,533,372	3.1	43,203.90	3.2	6.3
276	9482	1257	1,052,567	11.9	1,033.80	121.6	133.5
214	6902	987	1,826,341	5.4	76,824.20	1.3	6.7
211	4510	694	1,328,361	5.2	30,842.90	2.3	7.5
145	4682	633	2,967,297	2.1	46,923.30	1.3	3.5
144	4958	599	2,915,918	2.1	52,035.50	1.2	3.2
105	3550	500	989,415	5.1	145,545.80	0.3	5.4
118	7104	493	1,852,994	2.7	24,038.20	2.1	4.7
121	2547	417	1,360,301	3.1	6,422.60	6.5	9.6
107	2447	400	672,591	5.9	69,000.80	0.6	6.5
82	3886	333	601,723	5.5	61.1	545.0	550.5
70	2142	304	814,180	3.7	75,811	0.4	4.1
82	1861	278	563,626	4.9	97,093.10	0.3	5.2

28	1347	141	710,231	2.0	570,641.00	0.0	2.0
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44814	806181						
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4302	137132						
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4852	92828						
8238	85523						
11671	78400						
1608	57165						
1798	49490						
1434	43025						
1614	41049						
1748	23442						
1819	20028						
820	17928						
1143	16277						
727	16206						
605	11334						
2657	9473						
0	6994						
414	6886						
399	6501						
1098	5857						
603	5136						
429	4540						
116	4185						
91	3008						
252	2921						
168	2890						
272	2877						
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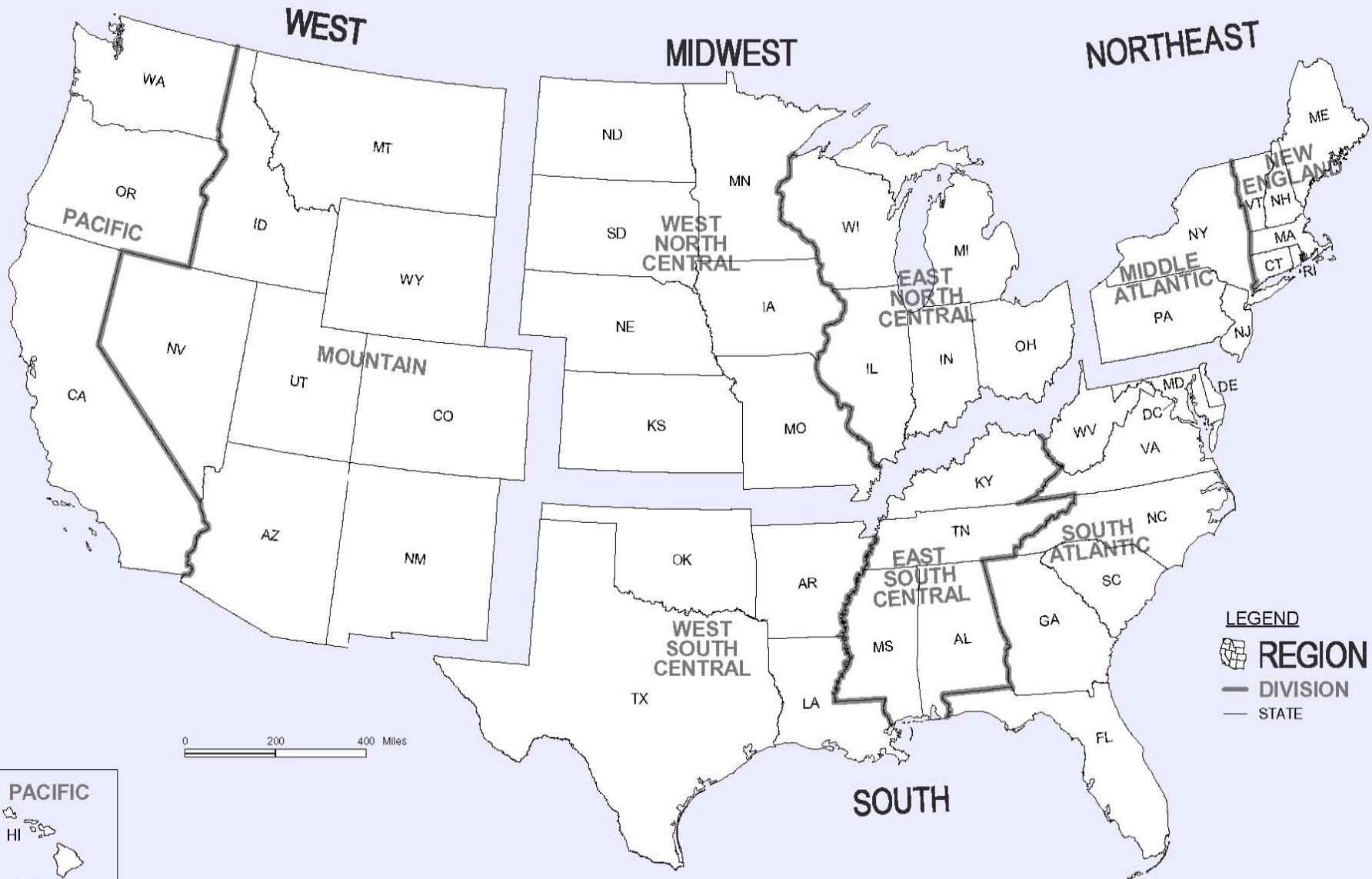
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["Census Regions and Divisions of the United States"](#)

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PACIFIC



# Census Regions and Divisions of the United States



0 200 400 Miles

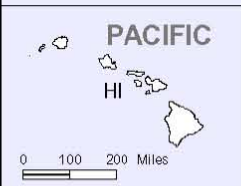
**LEGEND**

**REGION**

**DIVISION**

**STATE**

PACIFIC



## Census Bureau Regions and Divisions with State FIPS Codes

### Region I: Northeast

**Division 1:  
New England**

Connecticut (09)  
Maine (23)  
Massachusetts (25)  
New Hampshire (33)  
Rhode Island (44)  
Vermont (50)

**Division 2:  
Middle Atlantic**

New Jersey (34)  
New York (36)  
Pennsylvania (42)

### Region 2: Midwest\*

**Division 3:  
East North Central**

Indiana (18)  
Illinois (17)  
Michigan (26)  
Ohio (39)  
Wisconsin (55)

**Division 4:  
West North Central**

Iowa (19)                      Nebraska (31)  
Kansas (20)                  North Dakota (38)  
Minnesota (27)              South Dakota (46)  
Missouri (29)

### Region 3: South

**Division 5:  
South Atlantic**

Delaware (10)  
District of Columbia (11)  
Florida (12)  
Georgia (13)  
Maryland (24)  
North Carolina (37)  
South Carolina (45)  
Virginia (51)  
West Virginia (54)

**Division 6:  
East South Central**

Alabama (01)  
Kentucky (21)  
Mississippi (28)  
Tennessee (47)

**Division 7:  
West South Central**

Arkansas (05)  
Louisiana (22)  
Oklahoma (40)  
Texas (48)

### Region 4: West

**Division 8:  
Mountain**

Arizona (04)                  Montana (30)  
Colorado (08)                Utah (49)  
Idaho (16)                      Nevada (32)  
New Mexico (35)              Wyoming (56)

**Division 9:  
Pacific**

Alaska (02)  
California (06)  
Hawaii (15)  
Oregon (41)  
Washington (53)

\*Prior to June 1984, the Midwest Region was designated as the North Central Region.

View Occupation and Industry Clusters Next to Each Other								
Geography Name	Year	Description	QCEW Cluster - Establishments	Industry Cluster	QCEW Cluster - Employment	Industry Cluster	QCEW Cluster - Wages	Industry Cluster
United States	2010	Total All Industries	9,002,772	1	127,831,898	1	\$5,975,140,174,961	1
United States	2010	Advanced Materials	142,799	1	4,714,577	1	\$328,934,097,593	1
United States	2010	Agribusiness, Food Processing & Technology	137,370	1	3,035,748	1	\$114,127,248,767	1
United States	2010	Apparel & Textiles	78,251	1	953,007	1	\$41,241,758,967	1
United States	2010	Arts, Entertainment, Recreation & Vistor Industries	263,911	1	5,077,930	1	\$177,104,181,931	1
United States	2010	Biomedical/Biotechnical (Life Sciences)	321,145	1	14,086,482	1	\$669,921,243,965	1
United States	2010	Business & Financial Services	1,423,886	1	11,225,217	1	\$929,809,025,228	1
United States	2010	Chemicals & Chemical Based Products	67,916	1	1,991,377	1	\$125,493,435,257	1
United States	2010	Defense & Security	329,423	1	7,019,292	1	\$484,576,255,805	1
United States	2010	Education & Knowledge Creation	123,527	1	4,912,192	1	\$236,645,058,324	1
United States	2010	Energy (Fossil & Renewable)	401,196	1	5,676,199	1	\$411,597,872,067	1
United States	2010	Forest & Wood Products	69,235	1	1,374,302	1	\$63,022,519,364	1
United States	2010	Glass & Ceramics	10,633	1	256,018	1	\$12,111,872,296	1
United States	2010	Information Technology & Telecommunications	341,901	1	4,903,598	1	\$443,802,101,827	1
United States	2010	Transportation & Logistics	213,838	1	3,800,193	1	\$179,000,512,510	1
United States	2010	Manufacturing Supercluster	134,388	1	5,402,444	1	\$354,204,146,895	1
United States	2010	Primary Metal Mfg	5,817	1	361,386	1	\$21,145,204,948	1
United States	2010	Fabricated Metal Product Mfg	58,382	1	1,235,236	1	\$60,230,442,608	1
United States	2010	Machinery Mfg	29,514	1	991,249	1	\$59,977,890,967	1
United States	2010	Computer & Electronic Product Mfg	18,809	1	1,098,032	1	\$102,217,929,132	1
United States	2010	Electrical Equipment, Appliance & Component Mfg	7,345	1	356,837	1	\$19,177,033,342	1
United States	2010	Transportation Equipment Mfg	14,521	1	1,359,704	1	\$91,455,645,898	1
United States	2010	Mining	11,900	1	179,733	1	\$11,071,118,072	1
United States	2010	Printing & Publishing	190,369	1	2,080,708	1	\$125,291,596,767	1
Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment & Wages (QCEW) and Purdue Center for Regional Development (cluster definitions).								
LQ = location quotient, indicating a concentration within the region compared to the United States overall. Note that a "1" in each category above is expected since the data is for the United States.								

View Occupation and Industry Clusters Next to Each Other								
Geography Name	Year	Description	QCEW Cluster - Establishments	Industry Cluster Establishment LQ	QCEW Cluster - Employment	Industry Cluster Employment LQ	QCEW Cluster - Wages	Industry Cluster Annual Wages LQ
Massachusetts	2010	Total All Industries	220,027	1	3,149,508	1	\$181,848,964,624	1
Massachusetts	2010	Advanced Materials	4,798	1.38	166,191	1.43	\$14,834,551,030	1.48
Massachusetts	2010	Agribusiness, Food Processing & Technology	1,235	0.37	28,495	0.38	\$1,234,453,613	0.36
Massachusetts	2010	Apparel & Textiles	1,707	0.89	18,928	0.81	\$889,937,996	0.71
Massachusetts	2010	Arts, Entertainment, Recreation & Visitor Industries	6,366	0.99	107,520	0.86	\$4,000,912,348	0.74
Massachusetts	2010	Biomedical/Biotechnical (Life Sciences)	8,335	1.06	479,144	1.38	\$27,023,063,358	1.33
Massachusetts	2010	Business & Financial Services	35,825	1.03	333,979	1.21	\$36,839,234,007	1.3
Massachusetts	2010	Chemicals & Chemical Based Products	1,193	0.72	38,050	0.78	\$2,828,386,999	0.74
Massachusetts	2010	Defense & Security	9,737	1.21	192,735	1.11	\$16,536,853,779	1.12
Massachusetts	2010	Education & Knowledge Creation	4,015	1.33	168,258	1.39	\$9,784,395,601	1.36
Massachusetts	2010	Energy (Fossil & Renewable)	8,562	0.87	125,253	0.9	\$10,739,910,571	0.86
Massachusetts	2010	Forest & Wood Products	1,102	0.65	23,357	0.69	\$1,339,510,029	0.7
Massachusetts	2010	Glass & Ceramics	272	1.05	5,951	0.94	\$295,628,762	0.8
Massachusetts	2010	Information Technology & Telecommunications	11,554	1.38	222,094	1.84	\$24,902,380,740	1.84
Massachusetts	2010	Transportation & Logistics	3,380	0.65	56,420	0.6	\$2,788,927,164	0.51
Massachusetts	2010	Manufacturing Supercluster	3,302	1.01	133,410	1	\$11,505,539,423	1.07
Massachusetts	2010	Primary Metal Mfg	118	0.83	3,609	0.41	\$226,153,432	0.35
Massachusetts	2010	Fabricated Metal Product Mfg	1,478	1.04	28,960	0.95	\$1,647,630,867	0.9
Massachusetts	2010	Machinery Mfg	580	0.8	16,723	0.69	\$1,218,005,100	0.67
Massachusetts	2010	Computer & Electronic Product Mfg	777	1.69	60,749	2.25	\$6,449,296,540	2.07
Massachusetts	2010	Electrical Equipment, Appliance & Component Mfg	217	1.21	9,721	1.11	\$703,645,659	1.21
Massachusetts	2010	Transportation Equipment Mfg	132	0.37	13,648	0.41	\$1,260,807,826	0.45
Massachusetts	2010	Mining	173	0.6	1,735	0.39	\$101,242,239	0.3
Massachusetts	2010	Printing & Publishing	5,086	1.09	58,400	1.14	\$4,209,712,010	1.1

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment & Wages (QCEW) and Purdue Center for Regional Development (cluster definitions).

LQ = location quotient, indicating a concentration within the region (i.e., Massachusetts) compared to the United States overall.

<http://www.statsamerica.org/innovation/anydata/>

This project is funded in part by the U.S. Commerce Department's Economic Development Administration. Work was conducted by the Purdue Center for Regional Development, the Indiana Business Research Center at Indiana University's Kelley School of Business, and other

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Much of today's successful economic growth hinges on attracting or cultivating jobs that characterize the "innovation economy"—firms and occupations relying on talented workers whose skills are based on significant knowledge, insight and creativity. In

To address this gap, the U.S. Economic Development Administration sponsored this project to develop new tools to support strategic economic development planning in rural regions. The goal of this work is to help rural planners assess their region's c

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Comparative strengths and weaknesses with respect to fostering innovation-based growth. The project's data and tools, however, can be used equally well in any type of region—urban, exurban, metropolitan or custom-based depending upon need and purpose.

<b>View Occupation and Industry Clusters Next to Each Other</b>					
<b>Geography Name</b>	<b>Year</b>	<b>Description</b>	<b>Occupation Cluster Employment</b>	<b>Occ. Cluster Share of Total Emp.</b>	<b>Occupation Cluster Employment LQ</b>
United States	2009	Managerial, Sales, Marketing and HR	15,323,613	8.90%	1
United States	2009	Skilled Production Workers: Technicians, Operators, Trades, Installers & Repairers	12,266,383	7.10%	1
United States	2009	Health Care and Medical Science (Aggregate)	9,732,310	5.60%	1
United States	2009	Health Care and Medical Science (Medical Practitioners and Scientists)	2,233,412	1.30%	1
United States	2009	Health Care and Medical Science (Medical Technicians)	1,983,110	1.10%	1
United States	2009	Health Care and Medical Science (Therapy, Counseling and Rehabilitation )	5,515,789	3.20%	1
United States	2009	Mathematics, Statistics, Data and Accounting	4,260,168	2.50%	1
United States	2009	Legal and Financial Services, and Real Estate (L & FIRE)	14,286,547	8.30%	1
United States	2009	Information Technology (IT)	3,491,175	2.00%	1
United States	2009	Natural Sciences and Environmental Management	796,834	0.50%	1
United States	2009	Agribusiness and Food Technology	2,615,360	1.50%	1
United States	2009	Primary/Secondary and Vocational Education, Remediation & Social Services	9,268,129	5.40%	1
United States	2009	Building, Landscape and Construction Design	823,090	0.50%	1
United States	2009	Engineering and Related Sciences	1,755,426	1.00%	1
United States	2009	Personal Services Occupations	3,969,632	2.30%	1
United States	2009	Arts, Entertainment, Publishing and Broadcasting	3,646,690	2.10%	1
United States	2009	Public Safety and Domestic Security	2,074,340	1.20%	1
United States	2009	Postsecondary Education and Knowledge Creation	2,061,158	1.20%	1
United States	2009	Job Zone 2	58,156,012	33.60%	1

United States	2009	<b>Job Zone 1</b>	25,276,594	14.60%	1
United States	2009	<b>Technology-Based Knowledge Clusters</b>	14,598,173	8.40%	1
Source: Economic Modeling Specialists, Inc. Complete Employment Statistics					

<b>View Occupation and Industry Clusters Next to Each Other</b>			
<b>Geography Name</b>	<b>Year</b>	<b>Description</b>	<b>Occupation Cluster Employment</b>
Massachusetts	2009	<b>Managerial, Sales, Marketing and HR</b>	421,021
Massachusetts	2009	<b>Skilled Production Workers: Technicians, Operators, Trades, Installers &amp; Repairers</b>	252,816
Massachusetts	2009	<b>Health Care and Medical Science (Aggregate)</b>	316,560
Massachusetts	2009	<b>Health Care and Medical Science (Medical Practitioners and Scientists)</b>	74,606
Massachusetts	2009	<b>Health Care and Medical Science (Medical Technicians)</b>	57,511
Massachusetts	2009	<b>Health Care and Medical Science (Therapy, Counseling and Rehabilitation )</b>	184,443
Massachusetts	2009	<b>Mathematics, Statistics, Data and Accounting</b>	135,530
Massachusetts	2009	<b>Legal and Financial Services, and Real Estate (L &amp; FIRE)</b>	348,342
Massachusetts	2009	<b>Information Technology (IT)</b>	131,610
Massachusetts	2009	<b>Natural Sciences and Environmental Management</b>	21,043
Massachusetts	2009	<b>Agribusiness and Food Technology</b>	24,359
Massachusetts	2009	<b>Primary/Secondary and Vocational Education, Remediation &amp; Social Services</b>	264,195
Massachusetts	2009	<b>Building, Landscape and Construction Design</b>	22,939
Massachusetts	2009	<b>Engineering and Related Sciences</b>	60,827
Massachusetts	2009	<b>Personal Services Occupations</b>	100,499
Massachusetts	2009	<b>Arts, Entertainment, Publishing and Broadcasting</b>	105,525
Massachusetts	2009	<b>Public Safety and Domestic Security</b>	50,009
Massachusetts	2009	<b>Postsecondary Education and Knowledge Creation</b>	71,553
Massachusetts	2009	<b>Job Zone 2</b>	1,244,110
Massachusetts	2009	<b>Job Zone 1</b>	555,777
Massachusetts	2009	<b>Technology-Based Knowledge Clusters</b>	495,169
Source: Economic Modeling Specialists, Inc. Complete Employment Statistics			

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<b>Occ. Cluster Share of Total Emp.</b>	<b>Occupation Cluster Employment LQ</b>
10.30%	1.16
6.20%	0.87
7.70%	1.37
1.80%	1.41
1.40%	1.22
4.50%	1.41
3.30%	1.34
8.50%	1.03
3.20%	1.59
0.50%	1.12
0.60%	0.39
6.40%	1.2
0.60%	1.18
1.50%	1.46
2.50%	1.07
2.60%	1.22
1.20%	1.02
1.70%	1.47
30.30%	0.9
13.60%	0.93
12.10%	1.43
United States overall.	

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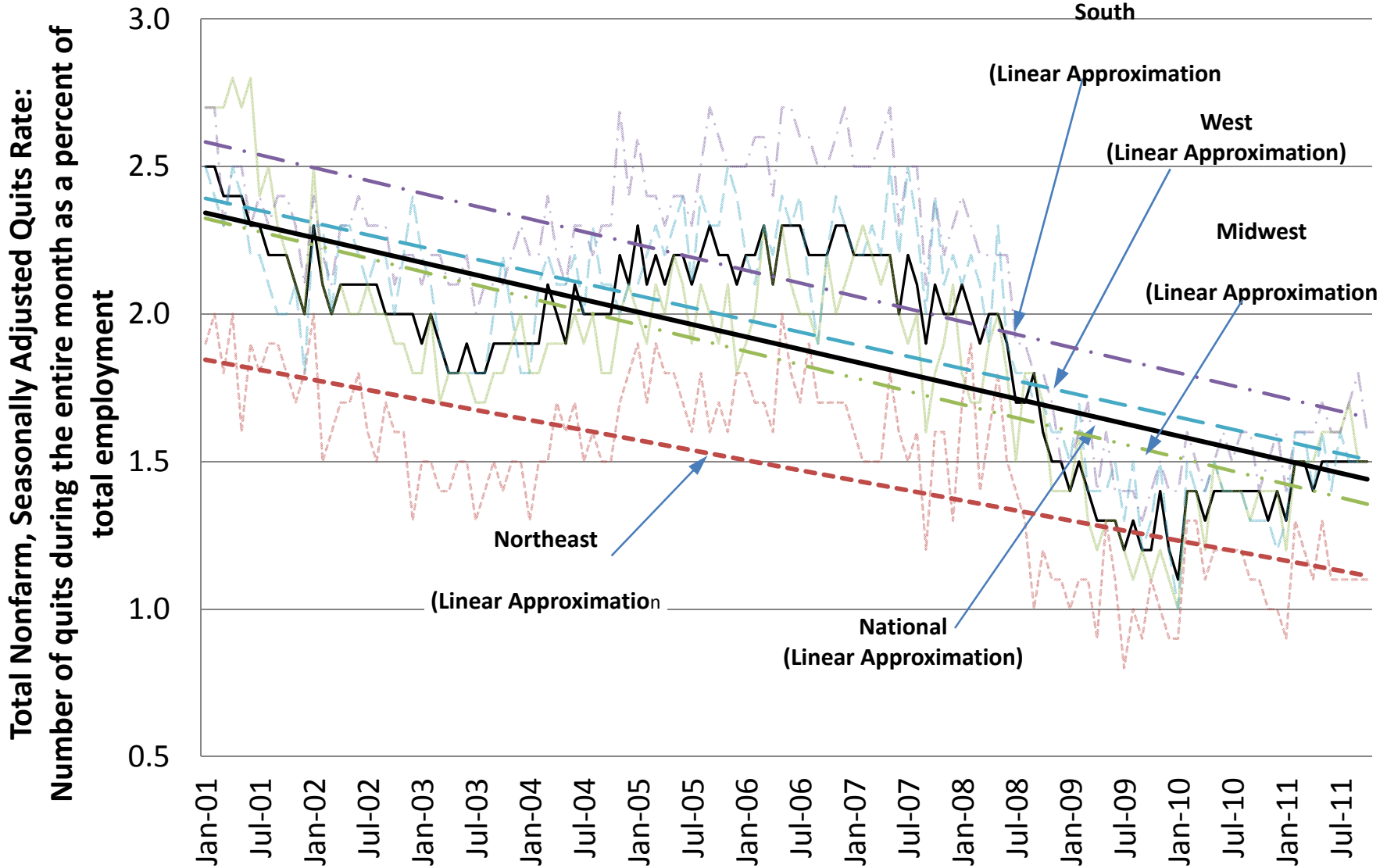
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# Bureau of Labor Statistics - Job Openings and Labor Transfer Survey: Quits Rate





## Job Openings and Labor Turnover Survey

### Original Data Value

**Series Id:** JTS00000000QUR  
**Seasonally adjusted**  
**Industry:** Total nonfarm  
**Region:** Total US  
**Data Element:** Quits  
**Rate/Level:** Rate  
**Years:** 2001 to 2011

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2001	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.1	2.0
2002	2.3	2.1	2.0	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0
2003	1.9	2.0	1.9	1.8	1.8	1.9	1.8	1.8	1.9	1.9	1.9	1.9
2004	1.9	1.9	2.1	2.0	1.9	2.1	2.0	2.0	2.0	2.0	2.2	2.1
2005	2.3	2.1	2.2	2.1	2.2	2.2	2.1	2.2	2.3	2.2	2.2	2.1
2006	2.2	2.2	2.3	2.1	2.3	2.3	2.3	2.2	2.2	2.2	2.3	2.3
2007	2.2	2.2	2.2	2.2	2.2	2.0	2.2	2.1	1.9	2.1	2.0	2.0
2008	2.1	2.0	1.9	2.0	2.0	1.9	1.7	1.7	1.8	1.6	1.5	1.5
2009	1.4	1.5	1.4	1.3	1.3	1.3	1.2	1.3	1.2	1.2	1.4	1.2
2010	1.1	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4
2011	1.3	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	

**Annual**

## Job Openings and Labor Turnover Survey

### Original Data Value

**Series Id:** JTS000000NEQUR  
**Seasonally adjusted**  
**Industry:** Total nonfarm  
**Region:** Northeast (Only available for Total Nonfarm)  
**Data Element:** Quits  
**Rate/Level:** Rate  
**Years:** 2001 to 2011

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2001	1.9	2.0	1.8	2.0	1.6	1.9	1.8	1.9	1.9	1.8	1.7	1.8
2002	2.0	1.5	1.6	1.7	1.7	1.8	1.6	1.5	1.7	1.6	1.6	1.3
2003	1.5	1.5	1.4	1.4	1.5	1.5	1.3	1.4	1.5	1.4	1.5	1.5
2004	1.3	1.5	1.5	1.7	1.6	1.7	1.5	1.6	1.5	1.5	1.7	1.8
2005	1.9	1.7	1.9	1.8	1.8	1.7	1.6	1.8	1.6	1.7	1.6	1.8
2006	1.8	1.7	1.7	1.6	2.0	1.8	1.7	1.9	1.7	1.7	1.7	1.7
2007	1.6	1.5	1.5	1.5	1.8	1.6	1.5	1.6	1.2	1.6	1.6	1.3
2008	1.7	1.9	1.4	1.6	1.8	1.5	1.4	1.3	1.0	1.2	1.1	1.1
2009	1.0	1.1	1.1	0.9	1.3	1.1	0.8	1.0	0.9	1.1	1.0	0.9
2010	0.9	1.3	1.3	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0
2011	0.9	1.3	1.2	1.1	1.3	1.1	1.1	1.1	1.1	1.0	1.1	

**Annual**

**Job Openings and Labor Turnover Survey**  
**Original Data Value**

**Series Id:** JTS000000MWQUR  
**Seasonally adjusted**  
**Industry:** Total nonfarm  
**Region:** Midwest (Only available for Total Nonfarm)  
**Data Element:** Quits  
**Rate/Level:** Rate  
**Years:** 2001 to 2011

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2001	2.7	2.7	2.7	2.8	2.7	2.8	2.4	2.5	2.3	2.2	2.1	2.0
2002	2.5	2.1	2.0	2.1	2.0	2.0	2.1	2.0	2.0	1.9	1.9	1.8
2003	1.8	2.0	1.7	1.8	1.8	1.8	1.7	1.7	1.8	1.8	1.9	2.0
2004	1.8	1.8	1.9	1.9	1.9	2.0	1.9	2.0	1.8	1.8	2.0	2.1
2005	2.0	1.9	2.1	2.0	2.2	2.1	1.9	2.1	2.0	1.9	2.1	1.8
2006	1.9	2.0	2.3	2.1	2.3	2.1	2.0	2.0	1.9	2.2	2.0	2.1
2007	2.2	2.3	2.2	2.1	2.2	2.0	1.9	2.0	1.6	1.8	1.9	2.1
2008	1.8	1.7	1.7	1.9	2.0	1.8	1.5	1.8	1.8	1.7	1.4	1.4
2009	1.4	1.6	1.3	1.2	1.3	1.3	1.2	1.1	1.2	1.1	1.2	1.1
2010	1.0	1.4	1.4	1.2	1.5	1.4	1.4	1.4	1.3	1.4	1.4	1.4
2011	1.2	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.5	1.5	1.4	

**Annual**

## Job Openings and Labor Turnover Survey

### Original Data Value

**Series Id:** JTS000000SOQUR  
**Seasonally adjusted**  
**Industry:** Total nonfarm  
**Region:** South (Only available for Total Nonfarm)  
**Data Element:** Quits  
**Rate/Level:** Rate  
**Years:** 2001 to 2011

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2001	2.7	2.7	2.3	2.5	2.5	2.3	2.4	2.3	2.4	2.4	2.3	2.1
2002	2.4	2.2	2.1	2.3	2.3	2.4	2.3	2.3	2.3	2.1	2.2	2.2
2003	2.1	2.2	2.2	2.1	2.1	2.2	2.0	2.1	2.1	2.1	2.2	2.3
2004	2.2	2.2	2.4	2.2	2.1	2.3	2.3	2.2	2.3	2.3	2.7	2.4
2005	2.6	2.4	2.4	2.3	2.4	2.4	2.3	2.5	2.7	2.6	2.5	2.5
2006	2.5	2.6	2.6	2.4	2.7	2.7	2.6	2.6	2.5	2.5	2.6	2.7
2007	2.5	2.5	2.5	2.6	2.7	2.3	2.5	2.5	2.1	2.4	2.2	2.3
2008	2.4	2.3	2.2	2.2	2.2	2.2	1.9	1.9	1.8	1.8	1.7	1.5
2009	1.5	1.6	1.7	1.4	1.6	1.4	1.4	1.4	1.3	1.4	1.5	1.4
2010	1.4	1.6	1.5	1.4	1.5	1.6	1.5	1.6	1.6	1.4	1.5	1.6
2011	1.4	1.6	1.6	1.6	1.7	1.6	1.6	1.7	1.8	1.6	1.7	

**Annual**



## Job Openings and Labor Turnover Survey

### Original Data Value

**Series Id:** JTS000000WEQUR  
**Seasonally adjusted**  
**Industry:** Total nonfarm  
**Region:** West (Only available for Total Nonfarm)  
**Data Element:** Quits  
**Rate/Level:** Rate  
**Years:** 2001 to 2011

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2001	2.5	2.4	2.3	2.5	2.4	2.2	2.2	2.1	2.0	2.0	2.1	1.8
2002	2.3	2.3	2.0	2.3	2.3	2.2	2.1	2.2	2.2	2.0	2.2	2.4
2003	2.2	2.1	1.9	1.8	1.8	1.8	1.8	1.8	2.0	2.2	2.0	1.8
2004	1.8	2.1	2.2	2.1	2.1	2.2	2.0	2.3	2.1	2.1	2.0	2.1
2005	2.1	2.2	2.3	2.2	2.3	2.4	2.1	2.4	2.3	2.3	2.5	2.4
2006	2.2	2.1	2.3	2.2	2.4	2.3	2.4	2.1	1.9	2.2	2.4	2.3
2007	2.2	2.2	2.3	2.2	2.5	2.2	2.5	2.3	2.0	2.4	2.1	2.2
2008	2.1	2.2	2.1	1.9	2.3	1.9	1.8	1.8	1.7	1.7	1.6	1.6
2009	1.5	1.7	1.4	1.4	1.4	1.5	1.3	1.5	1.2	1.3	1.5	1.2
2010	1.0	1.5	1.4	1.4	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2
2011	1.3	1.6	1.6	1.4	1.6	1.4	1.6	1.5	1.5	1.5	1.4	

**Annual**

<http://www.bls.gov/data/>

	<b>Jan-01</b>	<b>Feb-01</b>	<b>Mar-01</b>	<b>Apr-01</b>	<b>May-01</b>	<b>Jun-01</b>	<b>Jul-01</b>	<b>Aug-01</b>	<b>Sep-01</b>
National	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.2
Northeast	1.9	2.0	1.8	2.0	1.6	1.9	1.8	1.9	1.9
Midwest	2.7	2.7	2.7	2.8	2.7	2.8	2.4	2.5	2.3
South	2.7	2.7	2.3	2.5	2.5	2.3	2.4	2.3	2.4
West	2.5	2.4	2.3	2.5	2.4	2.2	2.2	2.1	2.0

<b>Oct-01</b>	<b>Nov-01</b>	<b>Dec-01</b>	<b>Jan-02</b>	<b>Feb-02</b>	<b>Mar-02</b>	<b>Apr-02</b>	<b>May-02</b>	<b>Jun-02</b>	<b>Jul-02</b>
2.2	2.1	2.0	2.3	2.1	2.0	2.1	2.1	2.1	2.1
1.8	1.7	1.8	2.0	1.5	1.6	1.7	1.7	1.8	1.6
2.2	2.1	2.0	2.5	2.1	2.0	2.1	2.0	2.0	2.1
2.4	2.3	2.1	2.4	2.2	2.1	2.3	2.3	2.4	2.3
2.0	2.1	1.8	2.3	2.3	2.0	2.3	2.3	2.2	2.1

<b>Aug-02</b>	<b>Sep-02</b>	<b>Oct-02</b>	<b>Nov-02</b>	<b>Dec-02</b>	<b>Jan-03</b>	<b>Feb-03</b>	<b>Mar-03</b>	<b>Apr-03</b>	<b>May-03</b>
2.1	2.0	2.0	2.0	2.0	1.9	2.0	1.9	1.8	1.8
1.5	1.7	1.6	1.6	1.3	1.5	1.5	1.4	1.4	1.5
2.0	2.0	1.9	1.9	1.8	1.8	2.0	1.7	1.8	1.8
2.3	2.3	2.1	2.2	2.2	2.1	2.2	2.2	2.1	2.1
2.2	2.2	2.0	2.2	2.4	2.2	2.1	1.9	1.8	1.8

<b>Jun-03</b>	<b>Jul-03</b>	<b>Aug-03</b>	<b>Sep-03</b>	<b>Oct-03</b>	<b>Nov-03</b>	<b>Dec-03</b>	<b>Jan-04</b>	<b>Feb-04</b>	<b>Mar-04</b>
1.9	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.1
1.5	1.3	1.4	1.5	1.4	1.5	1.5	1.3	1.5	1.5
1.8	1.7	1.7	1.8	1.8	1.9	2.0	1.8	1.8	1.9
2.2	2.0	2.1	2.1	2.1	2.2	2.3	2.2	2.2	2.4
1.8	1.8	1.8	2.0	2.2	2.0	1.8	1.8	2.1	2.2

<b>Apr-04</b>	<b>May-04</b>	<b>Jun-04</b>	<b>Jul-04</b>	<b>Aug-04</b>	<b>Sep-04</b>	<b>Oct-04</b>	<b>Nov-04</b>	<b>Dec-04</b>	<b>Jan-05</b>
2.0	1.9	2.1	2.0	2.0	2.0	2.0	2.2	2.1	2.3
1.7	1.6	1.7	1.5	1.6	1.5	1.5	1.7	1.8	1.9
1.9	1.9	2.0	1.9	2.0	1.8	1.8	2.0	2.1	2.0
2.2	2.1	2.3	2.3	2.2	2.3	2.3	2.7	2.4	2.6
2.1	2.1	2.2	2.0	2.3	2.1	2.1	2.0	2.1	2.1



<b>Feb-05</b>	<b>Mar-05</b>	<b>Apr-05</b>	<b>May-05</b>	<b>Jun-05</b>	<b>Jul-05</b>	<b>Aug-05</b>	<b>Sep-05</b>	<b>Oct-05</b>	<b>Nov-05</b>
2.1	2.2	2.1	2.2	2.2	2.1	2.2	2.3	2.2	2.2
1.7	1.9	1.8	1.8	1.7	1.6	1.8	1.6	1.7	1.6
1.9	2.1	2.0	2.2	2.1	1.9	2.1	2.0	1.9	2.1
2.4	2.4	2.3	2.4	2.4	2.3	2.5	2.7	2.6	2.5
2.2	2.3	2.2	2.3	2.4	2.1	2.4	2.3	2.3	2.5

<b>Dec-05</b>	<b>Jan-06</b>	<b>Feb-06</b>	<b>Mar-06</b>	<b>Apr-06</b>	<b>May-06</b>	<b>Jun-06</b>	<b>Jul-06</b>	<b>Aug-06</b>	<b>Sep-06</b>
2.1	2.2	2.2	2.3	2.1	2.3	2.3	2.3	2.2	2.2
1.8	1.8	1.7	1.7	1.6	2.0	1.8	1.7	1.9	1.7
1.8	1.9	2.0	2.3	2.1	2.3	2.1	2.0	2.0	1.9
2.5	2.5	2.6	2.6	2.4	2.7	2.7	2.6	2.6	2.5
2.4	2.2	2.1	2.3	2.2	2.4	2.3	2.4	2.1	1.9

<b>Oct-06</b>	<b>Nov-06</b>	<b>Dec-06</b>	<b>Jan-07</b>	<b>Feb-07</b>	<b>Mar-07</b>	<b>Apr-07</b>	<b>May-07</b>	<b>Jun-07</b>	<b>Jul-07</b>
2.2	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.0	2.2
1.7	1.7	1.7	1.6	1.5	1.5	1.5	1.8	1.6	1.5
2.2	2.0	2.1	2.2	2.3	2.2	2.1	2.2	2.0	1.9
2.5	2.6	2.7	2.5	2.5	2.5	2.6	2.7	2.3	2.5
2.2	2.4	2.3	2.2	2.2	2.3	2.2	2.5	2.2	2.5

<b>Aug-07</b>	<b>Sep-07</b>	<b>Oct-07</b>	<b>Nov-07</b>	<b>Dec-07</b>	<b>Jan-08</b>	<b>Feb-08</b>	<b>Mar-08</b>	<b>Apr-08</b>	<b>May-08</b>
2.1	1.9	2.1	2.0	2.0	2.1	2.0	1.9	2.0	2.0
1.6	1.2	1.6	1.6	1.3	1.7	1.9	1.4	1.6	1.8
2.0	1.6	1.8	1.9	2.1	1.8	1.7	1.7	1.9	2.0
2.5	2.1	2.4	2.2	2.3	2.4	2.3	2.2	2.2	2.2
2.3	2.0	2.4	2.1	2.2	2.1	2.2	2.1	1.9	2.3

<b>Jun-08</b>	<b>Jul-08</b>	<b>Aug-08</b>	<b>Sep-08</b>	<b>Oct-08</b>	<b>Nov-08</b>	<b>Dec-08</b>	<b>Jan-09</b>	<b>Feb-09</b>	<b>Mar-09</b>
1.9	1.7	1.7	1.8	1.6	1.5	1.5	1.4	1.5	1.4
1.5	1.4	1.3	1.0	1.2	1.1	1.1	1.0	1.1	1.1
1.8	1.5	1.8	1.8	1.7	1.4	1.4	1.4	1.6	1.3
2.2	1.9	1.9	1.8	1.8	1.7	1.5	1.5	1.6	1.7
1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.7	1.4

<b>Apr-09</b>	<b>May-09</b>	<b>Jun-09</b>	<b>Jul-09</b>	<b>Aug-09</b>	<b>Sep-09</b>	<b>Oct-09</b>	<b>Nov-09</b>	<b>Dec-09</b>	<b>Jan-10</b>
1.3	1.3	1.3	1.2	1.3	1.2	1.2	1.4	1.2	1.1
0.9	1.3	1.1	0.8	1.0	0.9	1.1	1.0	0.9	0.9
1.2	1.3	1.3	1.2	1.1	1.2	1.1	1.2	1.1	1.0
1.4	1.6	1.4	1.4	1.4	1.3	1.4	1.5	1.4	1.4
1.4	1.4	1.5	1.3	1.5	1.2	1.3	1.5	1.2	1.0

<b>Feb-10</b>	<b>Mar-10</b>	<b>Apr-10</b>	<b>May-10</b>	<b>Jun-10</b>	<b>Jul-10</b>	<b>Aug-10</b>	<b>Sep-10</b>	<b>Oct-10</b>	<b>Nov-10</b>
1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.3
1.3	1.3	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.0
1.4	1.4	1.2	1.5	1.4	1.4	1.4	1.3	1.4	1.4
1.6	1.5	1.4	1.5	1.6	1.5	1.6	1.6	1.4	1.5
1.5	1.4	1.4	1.5	1.4	1.4	1.4	1.3	1.3	1.3

<b>Dec-10</b>	<b>Jan-11</b>	<b>Feb-11</b>	<b>Mar-11</b>	<b>Apr-11</b>	<b>May-11</b>	<b>Jun-11</b>	<b>Jul-11</b>	<b>Aug-11</b>	<b>Sep-11</b>
1.4	1.3	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5
1.0	0.9	1.3	1.2	1.1	1.3	1.1	1.1	1.1	1.1
1.4	1.2	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.5
1.6	1.4	1.6	1.6	1.6	1.7	1.6	1.6	1.7	1.8
1.2	1.3	1.6	1.6	1.4	1.6	1.4	1.6	1.5	1.5



**Oct-11**

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1.5

1.1

1.5

1.6

1.5

## Area: Massachusetts

Period: May 2010

Occupation (SOC code)	Employment(1)	Employment percent relative standard error(3)	Hourly mean wage	Annual mean wage(2)	Wage percent relative standard error(3)	Hourly 10th percentile wage	Hourly 25th percentile wage
Computer and Mathematical Occupations(150000)	125010	2.3	42.32	88020	0.8	23.98	31.56
Computer and Information Research Scientists(151111)	1480	13.1	54.8	113980	5.2	31.52	39.87
Computer Systems Analysts(151121)	15090	4.9	42.65	88710	1.4	27.16	33.53
Computer Programmers(151131)	8960	8.1	43.57	90620	2	24.95	31.88
Software Developers Applications(151132)	22750	5.4	47.31	98400	1.6	31.2	37.5
Software Developers Systems Software(151133)	27100	5.2	49.15	102220	0.8	32.95	39.72
Database Administrators(151141)	3360	4.9	38.9	80900	1.4	21.95	28.05
Network and Computer Systems Administrators*(151142)	10540	6.7	38.6	80280	1	24.3	30.25
Computer Support Specialists(151150)	19360	3.3	28.75	59800	1.3	17.73	21.52
Information Security Analysts Web Developers and Computer Network Architects(151179)	7820	5.8	41.58	86480	2.5	23.92	31.44
Computer Occupations All Other*(151799)	4260	9.7	39.1	81340	1.6	21.51	30.18
Actuaries(152011)	950	13.2	46.92	97590	2.7	28.51	33.25
Mathematicians(152021)	120	25.3	40.3	83820	7.1	22.01	25.11
Operations Research Analysts(152031)	2150	11.8	38.91	80920	1.8	22.85	28.82
Statisticians(152041)	1080	11.7	44.71	92990	2.1	28.29	34.38
Architecture and Engineering Occupations(170000)	70840	2.1	39.05	81230	1	20.9	27.28
Architects Except Landscape and Naval(171011)	3850	7.4	40.84	84950	2.8	22	28.77
Landscape Architects(171012)	650	33.9	38.75	80590	4.3	21.95	26.39
Cartographers and Photogrammetrists(171021)	(8)-	(8)-	17.62	36660	13.2	10.23	10.83
Surveyors(171022)	1020	12.6	32.44	67470	4	18.87	22.84
Aerospace Engineers(172011)	930	6.8	51.78	107700	1.6	35.94	41.96
Biomedical Engineers(172031)	1440	12.2	45.54	94720	2.4	29.13	35.88
Chemical Engineers(172041)	1270	10	43.06	89570	1.3	28.8	34.57
Civil Engineers(172051)	7250	5.6	40.55	84350	2.4	25.5	30.39
Computer Hardware Engineers(172061)	3540	12.4	55.38	115190	4.2	36.54	43.44
Electrical Engineers(172071)	7700	4.9	49.69	103350	1.8	32.07	39.01
Electronics Engineers Except Computer(172072)	4430	6.2	48.92	101750	1.5	29.84	37.38
Environmental Engineers(172081)	2660	7.7	38.43	79940	2.5	25.8	30.73
Health and Safety Engineers Except Mining Safety Engineers and Inspectors(172111)	740	12.3	43.12	89690	1.9	27.65	33.41
Industrial Engineers(172112)	5870	5.6	40.12	83460	1.1	26.79	32.22
Marine Engineers and Naval Architects(172121)	150	6.8	41.51	86350	1.8	29.99	33.14
Materials Engineers(172131)	650	5.8	43.91	91340	4.2	28.88	35.41
Mechanical Engineers(172141)	6880	5.2	41.45	86210	1.3	26.97	32.19
Mining and Geological Engineers Including Mining Safety Engineers(172151)	70	37.5	33.99	70690	6.7	14.96	25.07
Nuclear Engineers(172161)	250	11	50.63	105320	4.1	31.1	39.68
Petroleum Engineers(172171)	40	46.7	(8)-	(8)-	(8)-	(8)-	(8)-

Engineers All Other(172199)	1370	9.4	47.15	98070	2.2	26.02	35.08
Architectural and Civil Drafters(173011)	2310	13.5	24.38	50700	4.4	13.2	18.06
Electrical and Electronics Drafters(173012)	730	10.5	30.55	63550	1.7	19.72	24.65
Mechanical Drafters(173013)	1340	6.6	28.46	59200	1.8	17.81	21.54
Drafters All Other(173019)	90	24.4	25.16	52340	5.8	16.39	19.68
Aerospace Engineering and Operations Technicians(173021)	(8)-	(8)-	43.92	91360	10.3	26.24	31.1
Civil Engineering Technicians(173022)	640	14.8	24.27	50490	4.3	15.37	18.33
Electrical and Electronics Engineering Technicians(173023)	6960	7.5	27.03	56230	1.5	17.94	21.62
Electro-Mechanical Technicians(173024)	1210	6.7	25.05	52110	1.7	17.28	20.34
Environmental Engineering Technicians(173025)	650	18.3	20.84	43350	3.1	14.13	16.07
Industrial Engineering Technicians(173026)	2680	7.6	24.36	50680	1	16.61	20.35
Mechanical Engineering Technicians(173027)	1540	9.1	23.78	49460	3.7	13	18.83
Engineering Technicians Except Drafters All Other(173029)	850	11	26.82	55780	4.5	14.72	18.82
Surveying and Mapping Technicians(173031)	590	14.1	21.26	44220	3.8	13.59	15.78
Life Physical and Social Science Occupations(190000)	43590	3.7	35.43	73700	1.6	17.14	22.19
Food Scientists and Technologists(191012)	260	25.2	38.45	79970	2.6	22.96	29.48
Soil and Plant Scientists(191013)	80	31.7	33.99	70700	3	20.91	24.25
Biochemists and Biophysicists(191021)	2400	12.6	45.07	93750	2.8	26.28	34.61
Microbiologists(191022)	1720	13.3	33.85	70410	6	20.24	24.84
Zoologists and Wildlife Biologists(191023)	500	8.3	42.57	88550	7.8	17.58	25.9
Biological Scientists All Other(191029)	1030	8.2	28.3	58860	6.1	15.06	17.51
Conservation Scientists(191031)	550	7.2	28.1	58440	2	15	17.77
Epidemiologists(191041)	400	9.9	41.92	87200	6	22.21	29.72
Medical Scientists Except Epidemiologists(191042)	8180	12.2	43.86	91230	2.9	20.07	27.95
Life Scientists All Other(191099)	410	14.7	38.37	79810	9.1	14.14	17.09
Astronomers(192011)	170	10.2	52.72	109670	4.7	27.43	34.45
Physicists(192012)	470	4.5	51.72	107580	4.1	31.57	39.98
Atmospheric and Space Scientists(192021)	430	10.6	39.36	81860	2	24.88	30.76
Chemists(192031)	3560	9.6	40.01	83220	2.1	21.56	28.26
Materials Scientists(192032)	440	8.8	48.11	100060	4.5	30.25	37.31
Environmental Scientists and Specialists Including Health(192041)	1920	11.9	40.66	84580	2.8	20.56	26.81
Geoscientists Except Hydrologists and Geographers(192042)	310	21.9	49.07	102060	10.1	23.18	31.02
Hydrologists(192043)	120	24.6	40.64	84530	4.2	23.95	35.83
Physical Scientists All Other(192099)	450	1.4	44.8	93190	4.5	24.94	32.52
Economists(193011)	440	5.6	41.15	85580	6.5	22.01	25.94
Survey Researchers(193022)	490	14.3	23.71	49320	9.4	12.3	14.75
Clinical Counseling and School Psychologists(193031)	4180	7.8	36.08	75050	3.4	17.47	24.68
Industrial-Organizational Psychologists(193032)	190	19.7	42.34	88080	10.9	23.56	31.65
Psychologists All Other(193039)	400	7.5	38.83	80770	1.4	20.38	30.17
Sociologists(193041)	200	5.6	30.28	62980	3.2	20.15	23.39

Urban and Regional Planners(193051)	1220	8.8	33.93	70570	1.3	23.21	27.86
Anthropologists and Archeologists(193091)	60	43.7	34.69	72150	2.6	23.51	26.65
Geographers(193092)	30	7	41.85	87050	4.1	26.16	30.31
Historians(193093)	50	11.3	33.61	69900	3.7	21.67	25.27
Social Scientists and Related Workers All Other(193099)	400	18.4	38.35	79760	2.2	21.92	30.34
Agricultural and Food Science Technicians(194011)	170	23.7	18.78	39070	3.2	12.87	14.06
Biological Technicians(194021)	5210	10.2	23.52	48930	2.1	15.03	17.63
Chemical Technicians(194031)	2450	6.7	24.15	50230	1.7	15.58	19.61
Geological and Petroleum Technicians(194041)	(8)-	(8)-	25.97	54030	4.2	17.94	20.64
Nuclear Technicians(194051)	180	11.9	35.63	74110	5.3	24.47	29.54
Social Science Research Assistants(194061)	2330	8.5	25.2	52420	6.9	13.58	17.15
Environmental Science and Protection Technicians Including Health(194091)	950	11.4	23.26	48380	2.8	14.89	17.68
Forest and Conservation Technicians(194093)	210	23.6	21.24	44180	5.1	13.1	16.21
Life Physical and Social Science Technicians All Other(194099)	680	13.6	25.79	53640	3	13.52	16.58
Community and Social Service Occupations(210000)	71890	2.2	20.96	43590	2.3	11.14	13.78
Substance Abuse and Behavioral Disorder Counselors(211011)	3100	11.1	19.73	41040	3.8	12.18	14.89
Educational Guidance School and Vocational Counselors(211012)	6960	2.9	27.92	58080	1.9	15.08	21.23
Marriage and Family Therapists(211013)	(8)-	(8)-	23.17	48190	2.7	14.75	17.56
Mental Health Counselors(211014)	5140	8.5	21.01	43700	2.7	12.67	14.72
Rehabilitation Counselors(211015)	3800	5.3	18.67	38840	5.1	11.51	12.93
Counselors All Other(211019)	510	23.5	17.62	36650	6.5	8.83	11.58
Child Family and School Social Workers(211021)	7950	6.7	20.28	42180	2.1	13.02	15.43
Healthcare Social Workers(211022)	(8)-	(8)-	24.69	51360	4.3	13.56	19.37
Mental Health and Substance Abuse Social Workers(211023)	4990	10.1	20.85	43370	2.9	11.94	13.92
Social Workers All Other(211029)	1070	12.7	24.16	50260	5.5	12.43	15.54
Health Educators(211091)	1780	7.3	23.73	49350	1.8	13.33	17.87
Social and Human Service Assistants(211093)	17060	4.7	15.67	32600	3.9	9.88	11.2
Community and Social Service Specialists All Other*(211798)	2400	18.6	15.98	33250	3.5	10.42	12.04
Clergy(212011)	480	9.5	25.9	53870	1.5	17.97	21.85
Religious Workers All Other(212099)	60	27.4	27.84	57910	11.8	18.85	23.29
Legal Occupations(230000)	24770	3.2	49.65	103280	2.5	18.51	26.33
Lawyers(231011)	16710	3.9	61.71	128370	2.5	28.75	37.62
Judicial Law Clerks(231012)	240	30.6	19.72	41020	11.2	9.4	11.77
Administrative Law Judges Adjudicators and Hearing Officers(231021)	60	1.9	61.23	127350	3.8	43	51.6
Arbitrators Mediators and Conciliators(231022)	320	47.4	26.43	54970	7.2	14.08	18.59
Paralegals and Legal Assistants*(232011)	6530	7	24.18	50290	2.4	15.21	17.62
Court Reporters(232091)	110	15.1	26.24	54590	10	15.89	18.65
Title Examiners Abstractors and Searchers(232093)	540	38.3	25.33	52690	4.3	16.31	18.4

<b>Legal Support Workers All Other(232099)</b>	250	7.3	26.97	56090	3.7	18.05	20.79
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Footnotes:

(1) Estimates for detailed occupations do not sum to the totals because the totals include occupations not shown separately. Estimates do not include self-employed workers.

(2) Annual wages have been calculated by multiplying the hourly mean wage by 2080 hours; where an hourly mean wage is not published the annual wage has been directly calculated from the reported survey data.

(3) The relative standard error (RSE) is a measure of the reliability of a survey statistic. The smaller the relative standard error the more precise the estimate.

(5) This wage is equal to or greater than \$80.00 per hour or \$166,400 per year.

(8) Estimate not released.

SOC code: Standard Occupational Classification code -- see <http://www.bls.gov/soc/home.htm>

Data extracted on January 28, 2012



47.31	55.91	67.24	54130	72970	98400	116290	139850
23.63	30.8	36.07	27460	37560	49160	64070	75020
30.16	36.46	42.82	41010	51260	62730	75840	89070
26.82	34.03	41.48	37040	44810	55780	70780	86280
22.53	31.12	37.6	34090	40930	46870	64720	78200
35.98	60.71	68.62	54580	64690	74840	126290	142720
22.96	29.07	36.27	31980	38130	47750	60460	75440
26.37	31.27	36.56	37310	44960	54840	65040	76030
24.44	29.25	34.4	35940	42300	50840	60830	71560
19.58	24.22	28.93	29380	33430	40720	50380	60180
23.98	27.94	32.61	34560	42330	49880	58120	67830
24	28.53	33.78	27040	39160	49910	59340	70270
26.25	33.98	40.99	30610	39150	54590	70670	85260
19.61	26.36	31.3	28270	32810	40790	54830	65110
31.44	44.52	59.14	35650	46160	65400	92590	123020
38.66	47.01	55.9	47760	61320	80410	97790	116280
31.4	37.11	66.28	43480	50440	65320	77190	137860
43.84	55.17	65.68	54660	72000	91190	114750	136620
30.46	40.75	53.04	42110	51660	63360	84760	110310
41.13	57.05	70.63	36560	53880	85540	118660	146900
22.52	34.19	47.02	31320	36420	46830	71120	97790
24.55	33.47	50.16	31200	36960	51060	69610	104340
38.68	49.74	65.43	46190	61820	80450	103460	136080
38.95	54.3	72.76	41740	58150	81010	112940	151340
30.82	54.46	75.93	29410	35550	64100	113280	157930
52.12	71.59	79.48	57060	71650	108410	148900	165310
49.66	64.1	74.76	65670	83160	103300	133340	155500
38.13	45.6	56.37	51760	63970	79320	94850	117250
38.73	51.18	62.45	44850	58770	80550	106450	129900
45.24	56.14	68.72	62930	77600	94090	116770	142930
38.64	52.91	65.57	42760	55770	80370	110040	136390
44.27	58.52	78.05	48210	64530	92080	121710	162350
40.8	45.8	54.48	49810	74530	84860	95270	113320
45.88	55.9	66.06	51880	67640	95420	116280	137410
33.63	51.61	68.38	45770	53950	69940	107340	142230
19.26	25.84	45.03	25590	30680	40050	53750	93660
34.03	43.79	53.81	36340	51330	70790	91090	111930
39.76	44.92	72.66	49000	65820	82710	93430	151130
43	48.97	54.48	42400	62760	89450	101860	113320
29.14	36.37	42.29	41910	48640	60610	75640	87970

33.5	39.86	45.15	48270	57940	69670	82920	93910
33.01	41.53	45.81	48890	55430	68660	86390	95280
39.85	49.33	58.58	54410	63050	82890	102610	121840
30.22	42.2	51.61	45070	52550	62860	87770	107340
38.53	44.83	54.89	45590	63110	80140	93240	114170
16.13	20.87	28.67	26770	29250	33550	43420	59640
21.96	27.73	34.07	31270	36670	45680	57680	70860
23.51	28.12	34.39	32400	40790	48910	58490	71540
25.33	30.16	37.12	37310	42920	52680	62730	77220
36.6	42.28	45.54	50890	61450	76130	87950	94710
21.46	28.62	40.34	28240	35680	44640	59530	83900
21.46	27.6	33.75	30980	36770	44640	57410	70200
21.76	26.61	29.07	27260	33720	45260	55350	60470
22.38	31.17	42.17	28130	34480	46540	64830	87710
19.49	27.03	33.61	23180	28660	40550	56220	69910
19.25	22.87	29.74	25340	30960	40030	47560	61850
28.38	34.51	40.83	31360	44150	59030	71790	84940
22.59	28.22	33.66	30680	36520	46990	58690	70010
19	26.04	33.84	26360	30610	39510	54160	70390
15.61	23.61	31.47	23940	26900	32460	49110	65450
16.23	21.7	29.69	18370	24090	33760	45140	61760
19	23.63	29.05	27090	32090	39520	49150	60420
24.96	30.45	34.81	28200	40290	51920	63340	72400
18.55	25.65	34.65	24840	28960	38580	53350	72060
21.73	33.03	39.23	25860	32320	45210	68710	81590
22.38	28.54	35.98	27730	37180	46550	59370	74850
13.46	18.38	26.38	20540	23290	28000	38240	54880
15.08	18.45	23.11	21670	25040	31370	38380	48080
25.4	29	35.97	37380	45450	52840	60320	74810
26.91	35.08	38.81	39210	48430	55980	72970	80720
39.68	64.24	(5)-	38510	54770	82530	133630	(5)-
51.75	78.06	(5)-	59790	78240	107630	162360	(5)-
20.39	24.18	28.89	19560	24480	42410	50280	60080
60.99	79.47	79.48	89440	107330	126860	165300	165310
25.15	30.32	39.57	29300	38670	52310	63070	82310
22.73	29.16	36.27	31630	36650	47280	60650	75450
23.83	28.37	48.62	33050	38800	49570	59010	101120
22.95	27.51	35.7	33920	38280	47740	57220	74260





Bureau of Labor and Statistics

<http://www.bls.gov/soc/home.htm>

<http://www.bls.gov/bls/blswage.htm>

Data extracted on January 28, 2012

Subject	Massachusetts			
	Estimate	Estimate Margin of Error	Percent	Percent Margin of Error
<b>Families</b>	1,600,588	+/-6,292	1,600,588	(X)
<b>Less than \$10,000</b>	57,724	+/-1,752	3.60%	+/-0.1
<b>\$10,000 to \$14,999</b>	42,430	+/-1,675	2.70%	+/-0.1
<b>\$15,000 to \$24,999</b>	94,361	+/-1,851	5.90%	+/-0.1
<b>\$25,000 to \$34,999</b>	104,909	+/-2,055	6.60%	+/-0.1
<b>\$35,000 to \$49,999</b>	162,539	+/-2,651	10.20%	+/-0.2
<b>\$50,000 to \$74,999</b>	273,217	+/-3,581	17.10%	+/-0.2
<b>\$75,000 to \$99,999</b>	247,190	+/-2,902	15.40%	+/-0.2
<b>\$100,000 to \$149,999</b>	328,640	+/-4,127	20.50%	+/-0.2
<b>\$150,000 to \$199,999</b>	144,339	+/-2,763	9.00%	+/-0.2
<b>\$200,000 or more</b>	145,239	+/-2,420	9.10%	+/-0.1
<b>Median family income (dollars)</b>	81,165	+/-405	(X)	(X)
<b>Mean family income (dollars)</b>	103,038	+/-575	(X)	(X)
<b>Per capita income (dollars)</b>	33,966	+/-161	(X)	(X)
<b>Nonfamily households</b>	911,964	+/-4,868	911,964	(X)
<b>Median nonfamily income (dollars)</b>	37,606	+/-418	(X)	(X)
<b>Mean nonfamily income (dollars)</b>	52,668	+/-417	(X)	(X)
<b>Median earnings for workers (dollars)</b>	35,703	+/-162	(X)	(X)
<b>Median earnings for male full-time, year-round workers (dollars)</b>	57,045	+/-315	(X)	(X)
<b>Median earnings for female full-time, year-round workers (dollars)</b>	44,522	+/-227	(X)	(X)

U.S. Census Bureau

<http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkmk>

**Table 728. Cost of Living Index—Selected Urban Areas, Annual Average: 2010**

[Data are for a selected urban area within the larger metropolitan area shown. Measures relative price levels for consumer goods and services in participating areas for a mid-management standard of living. The nationwide average equals 100 and each index is read as a percent of the national average. The index does not measure inflation, but compares prices at a single point in time. Excludes taxes. Metropolitan areas as defined by the Office of Management and Budget. For definitions, urban areas, and components of MSAs, see source. Beginning February 2008, data are based on an annual average survey compiled from data submitted in the first 3 quarters of the year. To calculate the annual average index, actual and estimated prices are collected to calculate an annual average price for each item used to represent the various spending categories. The share of consumer spending devoted to the category determines that category's importance, or weight, in the Index. Weights are based on the Bureau of Labor Statistics' 2009 Consumer Expenditure Survey]

Urban area	Composite index (100%)	Grocery items (13%)	Housing (29%)	Utilities (10%)	Transportation (12%)	Health care (4%)	Misc. goods and services (32%)
Akron, OH	100.2	105.1	99.7	107.9	107.1	86.8	96.0
Albany, GA	90.1	108.7	74.8	82.0	96.6	89.8	96.8
Amarillo, TX	89.5	89.9	89.4	80.4	92.1	95.2	90.8
Americus, GA	88.3	105.5	71.0	88.2	99.8	103.7	91.3
Anchorage, AK	128.4	134.5	142.9	94.1	122.0	135.7	124.8
Ardmore, OK	87.3	92.9	77.3	84.8	101.3	93.7	89.8
Arlington, TX	99.3	94.4	89.4	109.9	98.3	105.4	106.4
Ashland, OH	88.5	100.7	72.1	92.1	98.2	88.8	94.2
Baltimore, MD	119.4	110.8	155.4	112.5	105.3	97.9	100.0
Bellingham, WA	113.0	114.9	135.9	83.8	113.2	115.3	100.8
Bergen-Passaic, NJ	131.3	112.1	174.0	128.9	102.4	106.3	113.8
Bethesda-Gaithersburg-Frederick, MD	130.5	108.5	184.2	120.6	110.1	104.0	104.4
Boston, MA	132.5	116.7	152.7	138.6	104.5	123.5	128.6
Brazoria County, TX	89.3	87.9	75.8	100.8	96.0	95.6	95.6
Brownsville, TX	85.8	88.6	71.0	93.1	95.0	96.5	91.4
Burlington-Chittenden, Co VT	120.5	112.9	138.7	122.2	102.5	104.6	114.2
Cedar City, UT	88.7	102.5	73.9	83.7	97.8	85.5	95.5
Chapel Hill, NC	113.0	100.9	127.0	85.7	122.8	105.8	112.1
Cheyenne, WY	100.5	101.7	107.9	96.3	95.0	98.3	96.5
Chicago, IL	116.9	111.2	134.8	117.3	116.5	108.5	104.4
Cleveland, OH	101.0	108.1	93.3	109.0	101.4	104.3	102.1
Columbia, SC	100.4	105.2	82.3	109.0	102.0	106.2	110.6
Conway, AR	86.6	97.9	78.8	92.0	96.6	89.8	84.0
Cookeville, TN	85.7	86.7	71.4	82.9	87.5	87.1	98.2
Covington, KY	87.8	86.0	76.8	100.2	99.9	90.6	90.3
Decatur-Hartselle, AL	89.2	98.5	74.2	90.6	96.7	85.5	96.6
Detroit, MI	99.4	92.7	95.2	129.5	101.3	94.2	96.6
Dodge City, KS	89.3	90.0	77.6	85.5	95.6	89.9	98.5
Dothan, AL	89.8	100.3	80.1	79.7	91.8	81.7	97.9
Douglas, GA	88.6	104.1	68.5	97.9	89.3	91.3	96.6
Dover, DE	99.7	110.4	90.9	108.8	97.5	103.0	100.7
Dutchess County, NY	120.4	109.8	141.3	118.8	109.3	110.4	111.1
Dyersburg, TN	88.6	93.4	73.8	95.2	92.9	86.3	96.7
Eugene, OR	109.8	93.8	132.3	85.3	110.0	118.2	102.9
Everett, WA	111.3	112.0	128.1	85.4	110.4	129.1	102.1
Fairbanks, AK	137.4	127.9	148.5	193.1	118.7	144.9	118.8
Flagstaff, AZ	114.9	106.6	149.3	92.5	105.5	100.0	99.5
Florence, AL	90.2	96.6	79.6	91.0	94.5	84.1	96.3
Fort Lauderdale, FL	115.7	112.5	144.0	92.5	106.3	102.4	103.7
Fort Smith, AR	86.1	92.5	74.5	90.5	87.9	87.5	91.7
Framingham-Natick, MA	134.5	109.4	177.2	131.9	105.0	116.1	118.8
Fresno, CA	117.3	115.8	131.2	123.6	114.5	106.8	105.9
Gainesville, FL	99.8	106.3	101.8	99.2	103.3	92.7	95.5
Garden City, KS	89.7	91.2	79.9	86.5	94.0	89.6	97.5
Glens Falls, NY	112.3	105.4	105.9	128.0	107.0	97.3	119.3
Glenwood Springs, CO	124.0	103.3	169.0	89.0	110.9	112.0	108.7
Greenville, SC	90.3	102.7	72.9	90.1	97.1	98.2	97.7
Gunnison, CO	110.0	110.6	134.5	85.7	99.0	97.3	100.6
Hampton Roads-SE Virginia, VA	111.7	106.6	121.9	108.4	104.1	109.6	108.4
Harlingen, TX	82.8	81.5	75.8	105.6	88.7	95.2	79.1
Harrisburg, PA	99.7	97.8	91.5	110.5	100.2	93.8	105.1
Hartford, CT	121.8	120.7	137.8	120.7	109.0	113.0	113.5
Hays, KS	89.4	92.0	78.8	92.4	97.5	90.7	94.2
Hilton Head Island, SC	114.1	111.4	119.8	100.4	101.6	110.7	118.5
Honolulu, HI	165.7	160.1	249.0	146.6	126.2	120.0	117.9
Indianapolis, IN	87.2	91.4	73.4	86.7	100.5	93.6	93.1
Jackson-Madison County, TN	90.2	91.1	74.2	98.9	100.0	91.5	98.1
Johnson City, TN	86.7	92.3	74.4	89.1	91.7	91.5	92.6
Jonesboro, AR	88.9	97.5	75.1	91.1	88.8	85.9	97.3
Joplin, MO	88.8	92.2	75.9	108.1	91.8	89.5	92.0
Juneau, AK	136.5	133.1	165.7	135.1	121.2	144.4	116.1
Knoxville, TN	89.4	91.4	82.0	95.1	84.2	88.4	95.1
Kodiak, AK	128.7	149.4	127.8	131.9	143.4	130.7	115.4
Lake Havasu City, AZ	111.8	107.0	139.3	95.9	93.5	98.0	101.7
Las Cruces, NM	100.6	103.7	104.4	93.7	99.0	96.5	99.1
Los Alamos, NM	109.7	97.1	128.1	91.2	110.7	102.6	104.7
Los Angeles-Long Beach, CA	136.4	106.0	207.1	101.7	113.6	109.1	107.0

See footnotes at end of table.

**Table 728. Cost of Living Index—Selected Urban Areas, Annual Average: 2010—Con.**

[Data are for a selected urban area within the larger metropolitan area shown. Measures relative price levels for consumer goods and services in participating areas for a mid-management standard of living. The nationwide average equals 100 and each index is read as a percent of the national average. The index does not measure inflation, but compares prices at a single point in time. Excludes taxes. Metropolitan areas as defined by the Office of Management and Budget. For definitions, urban areas, and components of MSAs, see source. Beginning February 2008, data are based on an annual average survey compiled from data submitted in the first 3 quarters of the year. To calculate the annual average index, actual and estimated prices are collected to calculate an annual average price for each item used to represent the various spending categories. The share of consumer spending devoted to the category determines that category's importance, or weight, in the index. Weights are based on the Bureau of Labor Statistics' 2009 Consumer Expenditure Survey]

Urban area	Composite index (100%)	Grocery items (13%)	Housing (29%)	Utilities (10%)	Transportation (12%)	Health care (4%)	Misc. goods and services (32%)
Louisville, KY . . . . .	87.7	81.6	78.7	99.1	96.9	87.2	91.9
Lubbock, TX . . . . .	89.1	90.0	80.4	74.8	97.6	98.3	97.1
Madison, WI . . . . .	109.8	104.8	118.0	95.0	109.5	115.2	108.6
Manchester, NH . . . . .	116.8	102.3	117.0	124.5	100.1	116.1	125.0
Martinsburg-Berkeley County, WV . . . . .	89.6	91.5	82.7	85.9	103.9	99.9	90.6
Martinsville-Henry County, VA . . . . .	87.1	94.0	77.6	89.1	82.9	87.6	93.2
Mason City, IA . . . . .	89.1	89.4	73.1	105.6	99.5	94.8	94.2
McAllen, TX . . . . .	85.0	79.8	77.6	103.1	92.4	97.9	84.3
Memphis, TN . . . . .	88.2	92.7	76.2	86.9	91.5	98.6	95.2
Middlesex-Monmouth, NJ . . . . .	124.8	108.9	154.1	128.6	103.9	108.9	112.2
Minneapolis, MN . . . . .	111.0	111.6	116.8	104.7	103.7	105.4	110.4
Minot, ND . . . . .	99.9	99.3	95.9	73.5	98.2	91.0	113.6
Missoula, MT . . . . .	99.4	110.2	92.2	98.3	102.2	107.2	100.1
Montgomery, AL . . . . .	99.2	102.9	96.0	108.4	99.6	88.0	99.1
Morgantown, WV . . . . .	100.6	93.9	111.9	89.9	100.7	96.1	97.1
Murfreesboro-Smyrna, TN . . . . .	88.2	94.3	76.2	81.0	92.7	95.8	96.2
Muskogee, OK . . . . .	86.0	98.0	68.3	97.5	80.8	96.7	93.5
Nashville-Franklin, TN . . . . .	88.9	91.7	71.3	82.6	92.5	87.3	104.5
Nassau County, NY . . . . .	145.7	123.0	206.7	140.7	113.1	119.7	115.3
New Haven, CT . . . . .	122.1	117.9	134.9	123.5	106.3	112.7	117.9
New York (Brooklyn), NY . . . . .	181.7	130.6	317.8	165.0	103.0	111.5	119.5
New York (Manhattan), NY . . . . .	216.7	154.3	386.7	169.6	120.3	130.2	145.7
New York (Queens), NY . . . . .	159.0	128.3	230.8	172.0	108.8	118.0	123.9
Newark-Elizabeth, NJ . . . . .	129.7	111.6	168.5	129.2	103.9	103.1	113.9
Oakland, CA . . . . .	139.1	116.8	198.8	94.7	113.6	119.9	119.0
Omaha, NE . . . . .	88.3	92.0	79.3	89.9	100.0	96.8	89.7
Orange County, CA . . . . .	146.4	104.5	242.8	103.2	114.6	111.6	105.2
Paducah, KY . . . . .	87.3	94.8	75.8	96.5	86.6	90.3	91.3
Palm Coast-Flagler County, FL . . . . .	88.2	106.9	70.0	90.4	103.6	96.5	90.6
Palm Springs, CA . . . . .	121.8	111.5	154.2	112.7	110.2	100.8	106.1
Panama City, FL . . . . .	99.4	93.7	101.9	99.7	108.8	94.5	97.6
Paris, TX . . . . .	88.9	93.6	80.0	87.4	94.1	94.0	93.0
Philadelphia, PA . . . . .	126.5	124.9	141.3	135.9	105.8	108.2	119.6
Phoenix, AZ . . . . .	100.7	108.1	90.4	96.6	108.9	108.8	104.6
Pittsfield, MA . . . . .	110.6	115.0	96.2	161.9	98.9	105.0	110.0
Plattsburgh, NY . . . . .	100.1	98.9	95.1	119.4	105.5	113.0	95.9
Ponca City, OK . . . . .	90.0	94.8	76.6	93.0	94.4	94.4	97.0
Portland, ME . . . . .	116.5	101.8	143.0	102.9	111.8	109.7	105.5
Portland, OR . . . . .	111.3	105.8	130.8	87.1	105.8	113.6	105.1
Providence, RI . . . . .	123.3	113.4	129.0	129.0	102.5	113.2	128.1
Pryor Creek, OK . . . . .	84.5	95.0	71.5	82.7	86.6	86.0	91.5
Pueblo, CO . . . . .	85.6	100.5	71.5	80.1	93.8	94.1	90.1
Riverside City, CA . . . . .	112.5	104.9	136.3	99.9	113.4	104.4	99.1
Rochester, NY . . . . .	100.0	94.6	94.2	114.4	108.7	99.7	100.2
Round Rock, TX . . . . .	89.7	81.9	78.0	107.0	87.6	96.6	97.6
Sacramento, CA . . . . .	116.2	114.7	135.7	109.6	114.4	110.8	102.8
Salina, KS . . . . .	86.9	86.9	76.0	87.0	94.7	94.9	93.1
Salt Lake City, UT . . . . .	100.6	100.1	108.0	72.5	102.1	98.8	102.9
San Diego, CA . . . . .	132.3	105.5	194.4	101.9	113.1	111.5	105.8
San Francisco, CA . . . . .	164.0	111.9	281.0	94.5	113.0	117.0	124.3
San Jose, CA . . . . .	156.1	115.3	260.3	137.2	114.0	119.0	103.6
Seattle, WA . . . . .	121.4	115.1	140.3	85.7	118.8	119.9	119.1
Springfield, IL . . . . .	85.8	89.7	70.1	79.8	104.5	106.5	91.7
Springfield, MO . . . . .	88.0	93.2	76.8	83.2	96.8	96.8	93.8
St. Paul, MN . . . . .	110.0	107.0	112.9	106.8	103.4	106.7	112.2
Stamford, CT . . . . .	146.9	121.8	212.6	121.3	110.0	113.3	122.1
Stillwater, OK . . . . .	90.1	95.5	81.2	97.9	88.8	95.7	93.1
Temple, TX . . . . .	87.4	83.7	71.8	107.6	97.9	91.2	92.8
Thomasville-Lexington, NC . . . . .	89.2	105.5	77.2	80.7	88.8	109.1	93.5
Truckee-Nevada County, CA . . . . .	146.9	132.2	208.3	114.3	121.5	112.0	120.5
Tulsa, OK . . . . .	88.4	91.9	66.5	95.2	99.1	94.6	100.5
Tupelo, MS . . . . .	88.1	91.1	72.3	110.1	93.8	86.6	92.7
Waco, TX . . . . .	88.9	81.8	88.5	85.3	97.6	90.9	90.5
Washington-Arlington-Alexandria, DC-VA . . . . .	140.1	107.9	226.4	97.3	109.3	103.4	103.7
Wichita Falls, TX . . . . .	86.5	91.9	84.0	84.4	82.5	94.5	87.4
Williamsport-Lycoming Co, PA . . . . .	100.7	103.5	96.3	127.7	91.8	92.6	98.9
Youngstown-Warren, OH . . . . .	90.4	92.6	77.7	110.2	92.4	86.9	94.4

Source: C2ER, Arlington, VA, ACCRA Cost of Living Index, Annual Average 2010 (copyright). See also <<http://www.c2er.org>>, released December 2010.