

Massachusetts

INDICATOR	RANK	SCORE
Overall	1	96.1
KNOWLEDGE JOBS	1	17.4
IT Professionals Score <i>Employment in IT occupations in non-IT industries as a share of total jobs.</i>	4	1.86%
Managerial, Professional, and Technical Jobs <i>Managers, professionals, and technicians as a share of the total workforce.</i>	1	26.8%
Workforce Education <i>A weighted measure of the educational attainment (advanced degrees, bachelor's degrees, associate's degrees, or some college coursework) of the workforce.</i>	1	52.4
Immigration of Knowledge Workers <i>The average educational attainment of recent migrants from abroad.</i>	15	14.1
Manufacturing Value-Added <i>The percentage of a state's manufacturing workforce employed in sectors in which the value-added per production hour worked is above the sector's national average.</i>	2	46.8%
High-Wage Traded Services <i>The share of employment in traded service sectors in which the average wage is above the national median for traded services.</i>	7	16.8%
GLOBALIZATION	4	12.3
Export Focus of Manufacturing and Services <i>The value of exports per manufacturing and service worker.</i>	11	\$27,535
Foreign Direct Investment <i>The percentage of each state's workforce employed by foreign companies.</i>	5	4.5%
Package Exports <i>The number of UPS packages exported per worker.</i>	4	0.21
ECONOMIC DYNAMISM	11	11.0
"Gazelle" Jobs <i>Jobs in gazelle companies (firms with annual sales revenue that has grown 20 percent or more for four straight years) as a share of total employment.</i>	21	7.6%
Job Churning <i>The number of new start-ups and business failures, combined, as a share of the total firms in each state.</i>	39	22.6%
Fastest Growing Firms <i>The number of Deloitte Technology Fast 500 and Inc. 500 firms as a share of total firms.</i>	2	0.075%
Initial Public Offerings <i>A weighted measure of the number and value of initial public stock offerings of companies as a share of total worker earnings.</i>	5	5.79
Entrepreneurial Activity <i>The adjusted number of entrepreneurs starting new businesses.</i>	43	0.22%
Inventor Patents <i>The number of independent inventor patents per 1000 people.</i>	8	0.109

DIGITAL ECONOMY	2	12.4
Online Population <i>Internet users as a share of the population.</i>	21	62.5%
Internet Domain Names <i>The number of Internet domain names (.com, .net, and .org) per firm.</i>	15	2.87
Technology In Schools <i>A weighted measure of three factors measuring computer and Internet use in schools.</i>	33	4.76
E-Government <i>A measure of the utilization of digital technologies in state governments.</i>	18	5.41
Online Agriculture <i>A measure of the percentage of farmers with Internet access and using computers for business.</i>	1	7.18
Broadband Telecommunications <i>A weighted measure of the deployment of residential and business broadband lines.</i>	7	5.80

INNOVATION CAPACITY	1	17.3
High-Tech Jobs <i>Jobs in electronics manufacturing, software and computer-related services, telecommunications, and biomedical industries as a share of total employment.</i>	1	6.5%
Scientists and Engineers <i>Scientists and engineers as a percentage of the workforce.</i>	3	0.83%
Patents <i>The number of patents issued to companies or individuals per 1,000 workers.</i>	6	1.00
Industry Investment in R&D <i>Industry-performed research and development as a percentage of total worker earnings.</i>	6	4.11%
Venture Capital <i>Venture capital invested as a share of worker earnings.</i>	1	1.36%