$1,300,000,000
17,668
19%
$607,400,000
725
33,083
$38,403
$821.2M
271,000
1,710
206
49,600
343
$182,000,000
$27.5M
872
700
Harvard University takes pride in being part of the Massachusetts community. Through our teaching, research and operations, we seek to contribute to the region’s innovation ecosystem and to help create jobs, businesses and economic growth. How does Harvard contribute?

**EDUCATION**
Supporting traditional and nontraditional students with generous financial aid, making education available to the most talented students, regardless of their ability to pay.

**RESEARCH**
Attracting nearly $1 billion in research funding to Massachusetts, fueling science, medical discoveries, health improvements, and spending in our local economy.

**INNOVATION**
Making discoveries that attract private investment and launch small businesses, sparking our region’s entrepreneurial spirit.

**EMPLOYMENT**
Serving as one of the largest employers in the state, creating good jobs that help employees grow and advance their careers.

**IMPACT**
Spending more than $1.3 billion in Massachusetts to fund operations and maintain facilities.

“One of the most significant things about our research universities is that they are engines that also produce the fuel — the scientists, physicians, and engineers, the thinkers and ideas that spur the new products, new jobs, and new companies that will help renew our economy.”

— Harvard President Drew Faust

For more information about the facts and figures included in this document, please visit community.harvard.edu/sources.
EDUCATION

Supporting traditional and nontraditional students with generous financial aid, making education available to the most talented students, regardless of their ability to pay.

TOTAL STUDENT POPULATION

33,020
Total students

6,659
Undergraduates

19%
Mid-West

11%
Western/Mountain

19%
New England

19%
Mid-Atlantic

16%
South

11%
International

UNDERGRADUATE STUDENTS

UNDERGRADUATE CLASS OF 2017: WHERE ARE THEY FROM?

PROFESSIONAL AND GRADUATE STUDENTS

Harvard University contains 11 degree granting professional and graduate schools: Harvard Business School, the Graduate School of Design, Harvard Graduate School of Education, the Harvard Kennedy School, Harvard Law School, the Harvard School of Public Health, the Harvard School of Dental Medicine, the Harvard Divinity School, the School of Engineering and Applied Sciences, the Graduate School of Arts and Sciences, and Harvard Medical School.

HARVARD EXTENSION SCHOOL

The Harvard Extension School is designed to serve the educational interests and needs of Greater Boston residents. The Extension School allows students to take classes taught by a combination of Harvard faculty, adjunct faculty and experienced professionals in a wide variety of academic disciplines. Students may apply to master’s, undergraduate, associate degree, or professional certificate programs.
FINANCIAL AID

Approximately 60 percent of undergraduates receive need-based Harvard scholarship aid, and 100 percent of Harvard College students can graduate debt-free.

TYPICAL UNDERGRADUATE AID PACKAGE (Class of 2017)

A total of $172M in institutional need-based scholarship support was budgeted for use by Harvard College students.

$45,250 Scholarships
$11,850 Parent contribution
$2,750 Student term-time job
$1,600 Student summer work and asset contribution

MASSACHUSETTS FINANCIAL AID INFORMATION

872 Total number of Massachusetts students at Harvard College in FY13.
558 Number of Massachusetts students enrolled at Harvard College receiving need-based scholarship assistance in FY13.
$38,403 The average award to a Massachusetts student receiving aid in FY13.

EDX AND HARVARDX

In May 2012, Harvard joined forces with MIT to form edX, a not-for-profit enterprise that features learning designed specifically for interactive study via the Web. Backed by a shared $60 million commitment, edX allows universities to distribute course content and other academic materials. The goals of edX are to expand access to education worldwide, improve teaching and learning on campuses and beyond, and advance teaching and learning through educational research.

HarvardX is Harvard’s contribution to the edX platform.

To date, 30 universities are in the X University Consortium (1/2014).

33,000 Total on-campus student population.
700,000 Registrant enrollments for HarvardX courses, as of January 2014.
RESEARCH

Attracting nearly $1 billion in research funding to Massachusetts, fueling science, medical discoveries, health improvements, and spending in our local economy.

TOTAL HARVARD RESEARCH FUNDING BENEFITING MASSACHUSETTS

In FY13, Harvard attracted $821.2 million in research funding to Massachusetts.

$821.2M

Between FY12 and FY13, research funding from non-federal sources increased by 9 percent.

$639M TOTAL FEDERAL SOURCES

$187.3M FROM NSF, DOD, HHS, DOE, NASA and OTHERS

AND $451.7M FROM NIH GRANTS

$639 MILLION IN RESEARCH FUNDING CONTRIBUTED BY FEDERAL SOURCES

Nearly 80 percent of Harvard’s research activities in FY13 were funded by federal research dollars.

$451.7 MILLION IN NIH GRANTS

The single largest source of research dollars is the National Institutes of Health (NIH). Harvard received $451.7 million in NIH grants in FY13.

$182.2 MILLION IN RESEARCH FUNDING CONTRIBUTED BY NONFEDERAL SOURCES

In FY13, 22 percent of Harvard’s research funding came from nonfederal sources including industry and foundations such as the Bill & Melinda Gates Foundation, GlaxoSmithKline USA and the National Multiple Sclerosis Foundation.
In FY13, Harvard spent $311.1 million in research dollars on purchasing and salaries in Massachusetts.

“Our research seeks to reduce human suffering through innovative solutions based on a mechanistic understanding of disease processes. Through the development of novel therapies for infectious diseases, we contribute to improved public health and provide jobs for skilled workers in our communities. Our work has shortened both the time and expense for the development of vaccine candidates that have the potential to positively impact millions of people worldwide. With multiple vaccines under investigation and two in clinical testing, this work is an example of basic research evolving into therapies in the clinic that have the promise of improving public health and fostering jobs here at home.”

– Darren Higgins
Professor of Microbiology and Immunobiology, Department of Microbiology and Immunobiology, Harvard Medical School
**INNOVATION**

Making discoveries that attract private investment and launch small businesses, sparking our region’s entrepreneurial spirit.

**AN ENGINE OF INNOVATION**

The Office of Technology Development is charged with protecting, supporting, and advancing the development of new discoveries and inventions arising from Harvard’s research enterprise.

In 2013, the Office of Technology Development received disclosure from the Harvard community of...

As of Jan. 1, 2014, Harvard held approximately 1,710 U.S. and international patents, combined.

As of Jan. 1, 2014, Harvard had executed 573 licenses with 343 industry partners to develop scientific intellectual property.

**THE HARVARD INNOVATION LAB (i-lab)**

The Harvard Innovation Lab is a new and innovative initiative fostering team-based and entrepreneurial activities and deepening interactions among Harvard students, faculty, entrepreneurs and members of the Allston and Greater Boston community. Between the i-lab’s opening in November 2011 through winter 2014:

- More than 2,400 events have been held at the i-lab.
- The i-lab has had more than 100,000 visits since opening.
- The i-lab hosts 70-100 Harvard Ventures in Residence at any given time.
- 8,000 local community members have participated in more than 400 programs held at the i-lab since 2011.

**BLAVATNIK BIOMEDICAL ACCELERATOR**

The Blavatnik Biomedical Accelerator bridges the gap between innovative, early-stage life science research and successful development of high-impact biomedical products. Between 2006 and 2013, $8.3 million in grants were awarded to 45 separate projects.

**THE HARVARD INNOVATION LAB**

- **414** INVENTIONS
- **231** PATENT APPLICATIONS
- **1,710** PATENTS HELD
- **573** LICENSES...
- **343** INDUSTRY PARTNERS

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The Blavatnik Biomedical Accelerator spans the gap between innovative, early-stage life science research and successful development of high-impact biomedical products. Since 2006 and 2013, $8.3 million in grants were awarded to 45 separate projects.
In 2011 and 2012, young Massachusetts companies received more than $6.3 billion in venture capital funding, and more than half of those companies have a strong connection to Harvard.

**VENTURE CAPITAL AWARDS**

<table>
<thead>
<tr>
<th>Year</th>
<th>All Deals</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>$3.1B</td>
<td>$3.2B</td>
</tr>
</tbody>
</table>

268 companies received funding ...

and 157 of those companies have a Harvard connection (58.6 percent).

276 companies received funding ...

and 179 of those companies have a Harvard connection (64.8 percent).

Some companies are still in “stealth mode,” making it impossible to assess possible Harvard connections. In addition, the amount of venture capital funds some companies received is not yet publicly available.

**VENTURE CAPITAL DATA 2012 BIOTECH DEALS**

$607.4M in venture capital funding received by 27 companies in Massachusetts ...

$567.4M of which was received by 25 companies with connections to Harvard.

*93.4 percent of biotech funding awarded in 2012.

**SELECTED MASSACHUSETTS COMPANIES FOUNDED BASED ON HARVARD DISCOVERIES**

“Great innovation clusters collocate near strong research institutions because the interaction between breakthrough academic researchers and bold entrepreneurs is a critical ingredient in the formation of innovative enterprise. The Massachusetts innovation economy is a great exemplification of this: world class research universities in an investment-oriented community.”

– Vicki Sato
Professor of the Practice of Molecular and Cellular Biology, Department of Molecular and Cellular Biology, Faculty of Arts and Sciences, and Professor of Management Practice, Harvard Business School
Employment

Serving as one of the largest employers in the state, Harvard creates good jobs that help employees grow and advance their careers.

People in Massachusetts directly employed by Harvard

**Academic**

Roughly 5,218 academics work across the University.

**Non-Academic**

Approximately 12,450 staff are responsible for the day-to-day needs of the University.

Total people in Massachusetts directly employed by Harvard as of Dec. 31, 2013.

5th

In 2012, Harvard was the fifth-largest employer in Massachusetts, according to the *Boston Business Journal*.

HARVARD EMPLOYEES RESIDENCES BY COUNTY
(AS OF FEBRUARY 2014)

<table>
<thead>
<tr>
<th>County</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barnstable</td>
<td>27</td>
</tr>
<tr>
<td>Berkshire</td>
<td>3</td>
</tr>
<tr>
<td>Bristol</td>
<td>168</td>
</tr>
<tr>
<td>Dukes</td>
<td>1</td>
</tr>
<tr>
<td>Essex</td>
<td>635</td>
</tr>
<tr>
<td>Franklin</td>
<td>13</td>
</tr>
<tr>
<td>Hampden</td>
<td>5</td>
</tr>
<tr>
<td>Hampshire</td>
<td>18</td>
</tr>
<tr>
<td>Middlesex</td>
<td>10,311</td>
</tr>
<tr>
<td>Nantucket</td>
<td>0</td>
</tr>
<tr>
<td>Norfolk</td>
<td>2,039</td>
</tr>
<tr>
<td>Plymouth</td>
<td>312</td>
</tr>
<tr>
<td>Suffolk</td>
<td>3,183</td>
</tr>
<tr>
<td>Worcester</td>
<td>311</td>
</tr>
<tr>
<td>Outside of MA</td>
<td>643</td>
</tr>
</tbody>
</table>
Harvard offers its employees – nearly 50 percent of whom are represented by a union – an array of professional development opportunities, and it partners with its host communities to establish strong internship programs for high school students.

**SUMMER JOB PLACEMENT – HIGH SCHOOL STUDENTS**

Over the past five years, Harvard has provided 725 jobs for Cambridge and Boston high school students.

<table>
<thead>
<tr>
<th>Year</th>
<th>Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>145</td>
</tr>
<tr>
<td>2010</td>
<td>120</td>
</tr>
<tr>
<td>2011</td>
<td>154</td>
</tr>
<tr>
<td>2012</td>
<td>153</td>
</tr>
<tr>
<td>2013</td>
<td>153</td>
</tr>
</tbody>
</table>

“Harvard continues to be our most important partner in providing quality work opportunities to Cambridge youth, hiring more teens than any other employer/organization in the city.”

– Sue Walsh
Director of the Cambridge Office of Workforce Development

**THE HARVARD BRIDGE PROGRAM**

An education and training program open to all Harvard staff and faculty, the Bridge Program offers classes including academic writing, business writing, college preparation, career exploration, computer skills, English for speakers of other languages (ESOL), high school diploma preparation, office skills, TOEFL preparation, advanced pronunciation, and more. Bridge students may also request one-on-one tutorial sessions, including citizenship preparation. Career development services include individual counseling, professional internships and job shadowing opportunities. The following information about the Harvard Bridge Program is current as of February 2014.

206

The number of Harvard employees who have become US citizens through the Bridge Program since 2007.

Number of students who have enrolled in classes through the Bridge Program since 2000.

Percentage of students who have earned a high school diploma in a non-native language through the Bridge Program.

In spring 2014, the Harvard Bridge Program offered 52 classes, including two classes from 10pm to midnight – specifically for overnight custodians.
IMPACT

Harvard’s economic, health and social impacts are felt around the globe and in our backyard. In Massachusetts, Harvard’s 50,000 alumni are playing leading roles at world-renowned teaching hospitals, cultural centers and research institutions.

- 323,000: The approximate number of living Harvard alumni in more than 201 countries.
- 271,000: The estimated number of alumni living in the United States.
- 49,600: The approximate number of alumni currently living in Massachusetts.
- 2,430: Estimated number of alumni who hold senior leadership positions in or were the founders of Massachusetts companies.
- 102,373: In 2013, more than 102,000 people visited the Harvard Information Center.
- 10,000: Number of doctors at Boston-area hospitals holding academic appointments at Harvard Medical School.
- 42: Forty-two Harvard alumni are members of the 113th Congress.
- Harvard alumni have a presence on nearly every major nonprofit board in eastern Massachusetts.
- Harvard affiliates include the Wyss Institute, the American Repertory Theater, and the Arnold Arboretum.
Harvard is spending more than $1.3 billion in Massachusetts to fund operations and maintain facilities.

**HARVARD’S SPENDING ON PROPERTY IMPROVEMENTS AND MAINTENANCE**

In FY13, Harvard spending totaled almost $4.5 billion; Harvard personnel expenses totaled $2.1 billion. The majority of Harvard spending went to purchase supplies, maintain and expand the physical plant, and run the University. These activities cost $2.4 billion.

**$1.3B**

In FY13, Harvard spent $2.4 billion on construction and to purchase supplies and services … of that, $1.3 billion was spent in Massachusetts.

Of the $1.3 billion, $709.3 million was spent in Boston.

Of the $1.3 billion, $125.1 million was spent in Cambridge.

**CONSTRUCTION SPENDING**

**$383.8M**

In FY13, Harvard spent millions on construction …

Of that $327.1 million, $159 million was spent in Boston … and $17.1 million was spent in Cambridge.

**$327.1M**

... of that, $327.1 million was spent across Massachusetts.

**SUPPLIES AND SERVICES SPENDING**

**$2.0B**

In FY13 Harvard spent $2.0 billion to purchase supplies and services …

Of that $943.4 million, $550.2 million was spent in Boston …

**$943.4M**

... of that, $943.4 million was spent in Massachusetts.

... and $108 million was spent in Cambridge.