

Overview of Higher Education in Greater Houston

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June 25, 2018

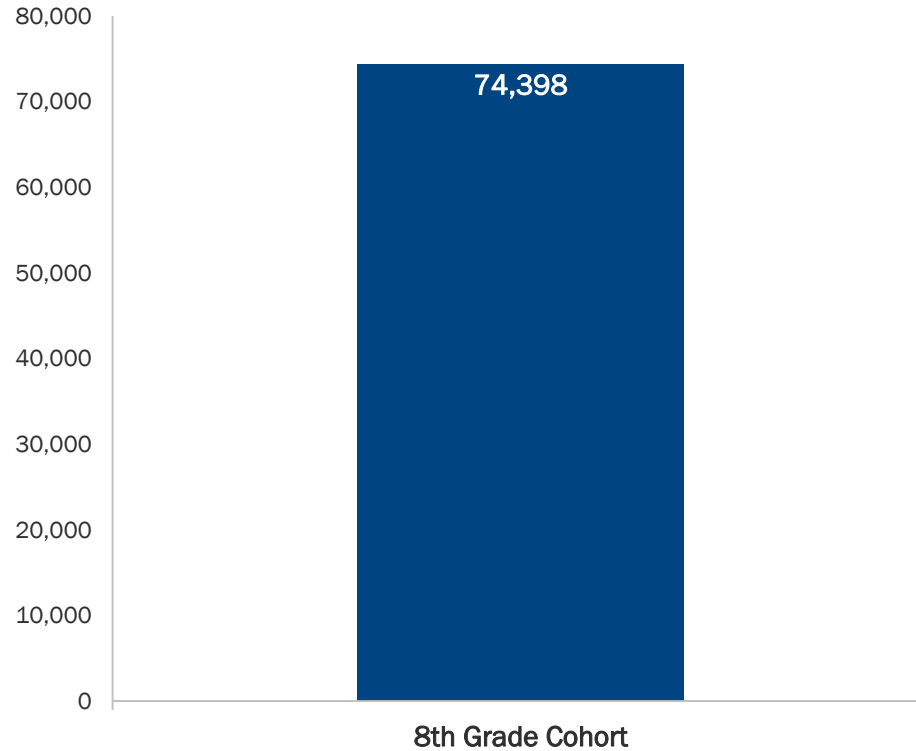


GREATER HOUSTON
PARTNERSHIP.

Making Houston Greater.

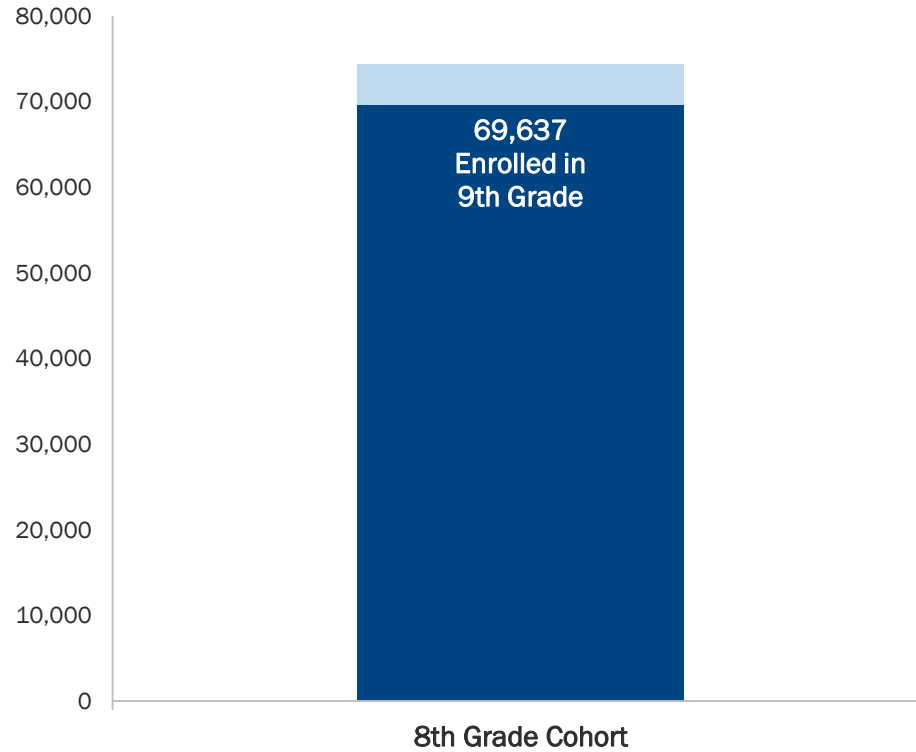


In 2007, 74,400 8th graders enrolled in Greater Houston...



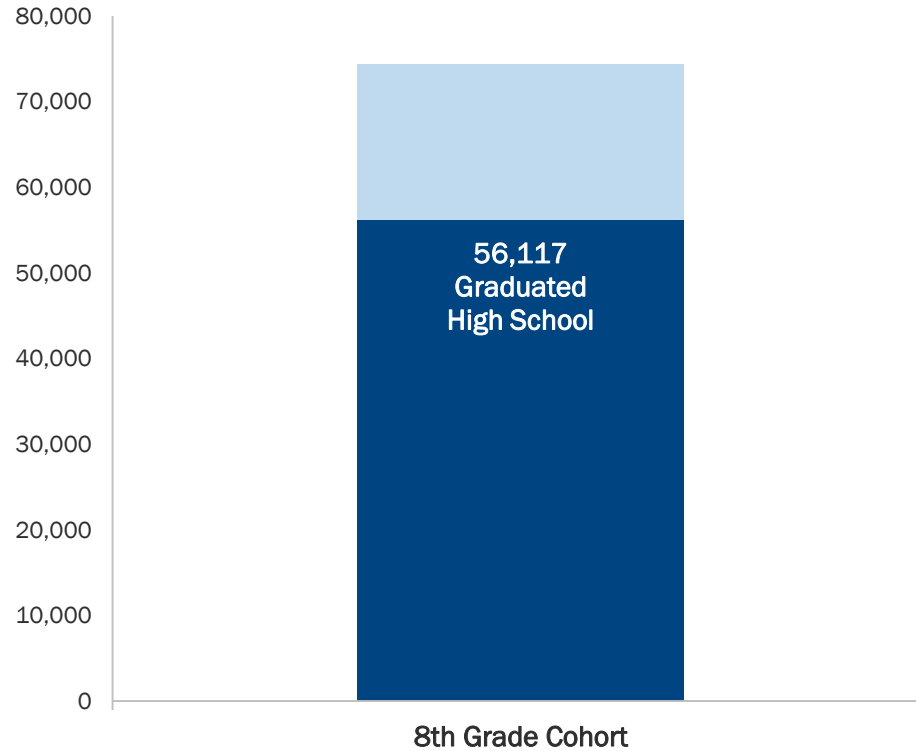
Source: Texas Higher Education Coordinating Board

...94 percent enrolled in 9th grade...



Source: Texas Higher Education Coordinating Board

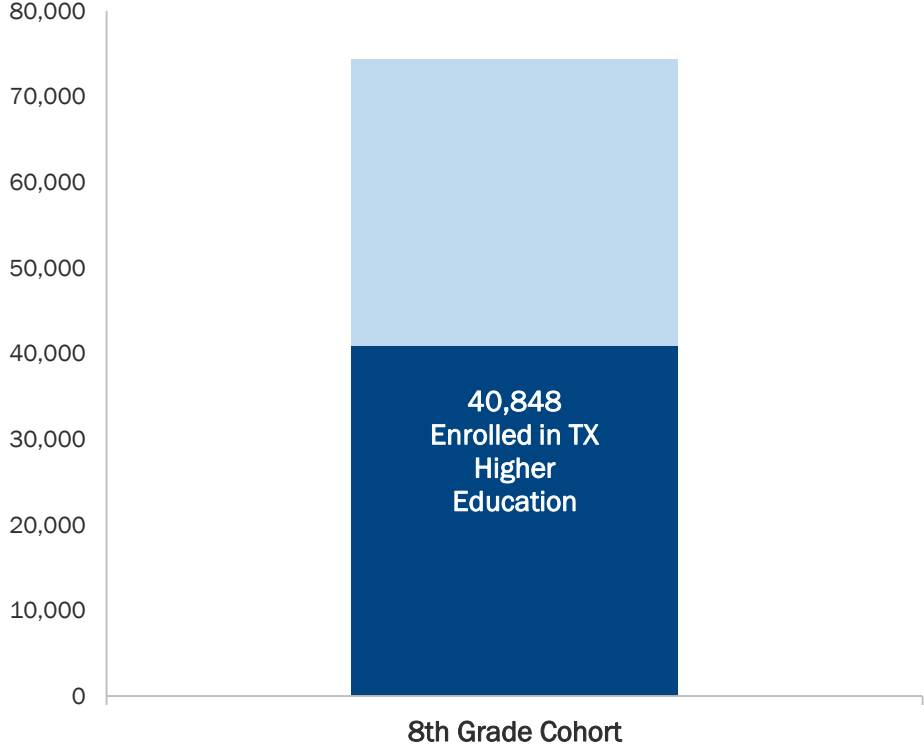
...75 percent graduated from high school...



Source: Texas Higher Education Coordinating Board

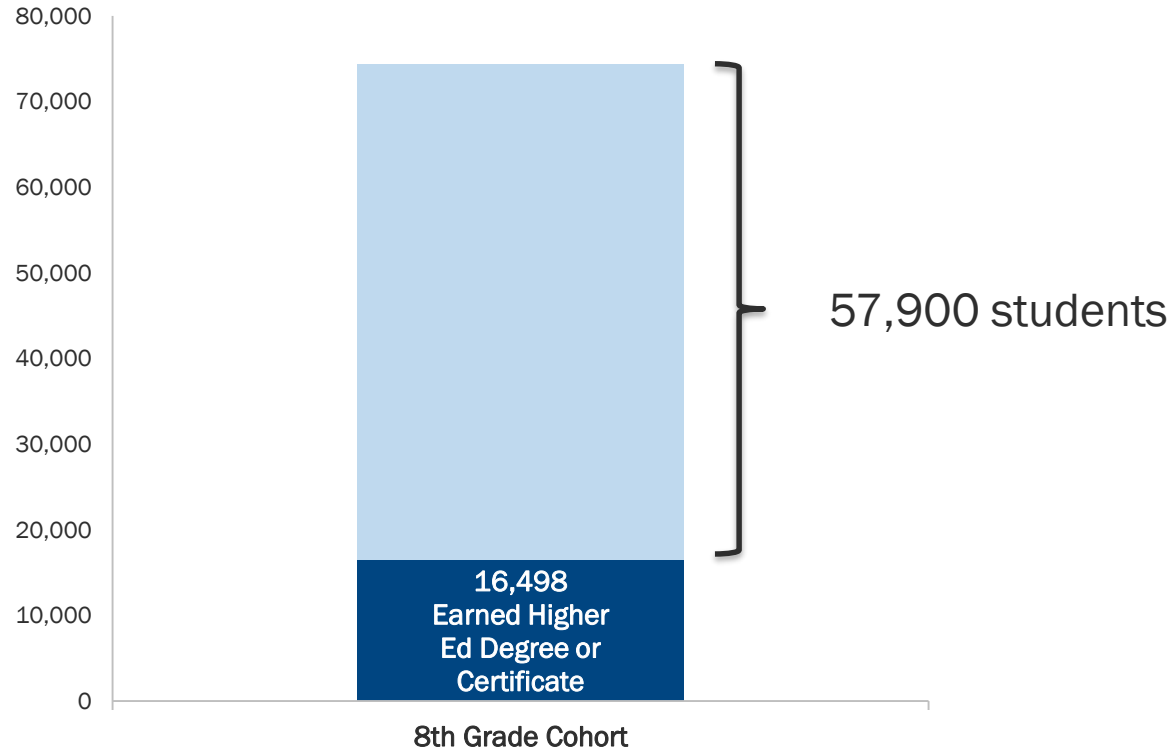
Note: Data reflects high school graduates in TEA Region 4. Higher education outcomes include students enrolled in a higher education institution in Texas only.

...55 percent enrolled in a Texas higher education institution...



Source: Texas Higher Education Coordinating Board
Note: Data reflects high school graduates in TEA Region 4. Higher education outcomes include students enrolled in a higher education institution in Texas only.

...22 percent earned a degree or certificate.



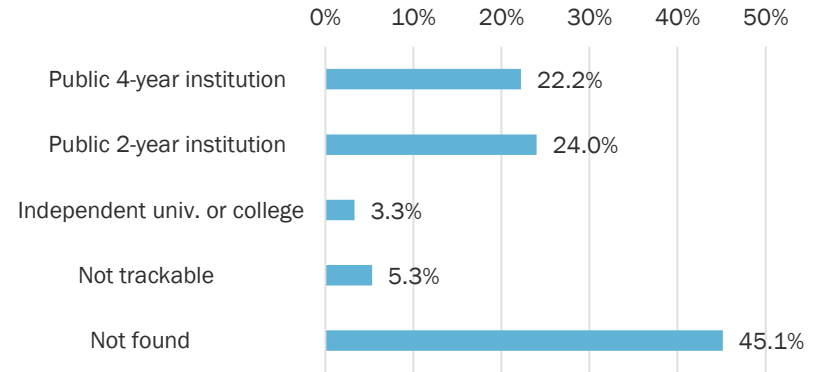
Source: Texas Higher Education Coordinating Board

Note: Data reflects high school graduates in TEA Region 4. Higher education outcomes include students enrolled in a higher education institution in Texas only.

Half of Texas Public High School Graduates Immediately Enroll in College

- Approximately 5 percent of Texas high school graduates enroll in an out-of-state institution.
- In 2017, nearly 50 percent of Texas public high school graduates immediately enrolled in an in-state higher education institution.

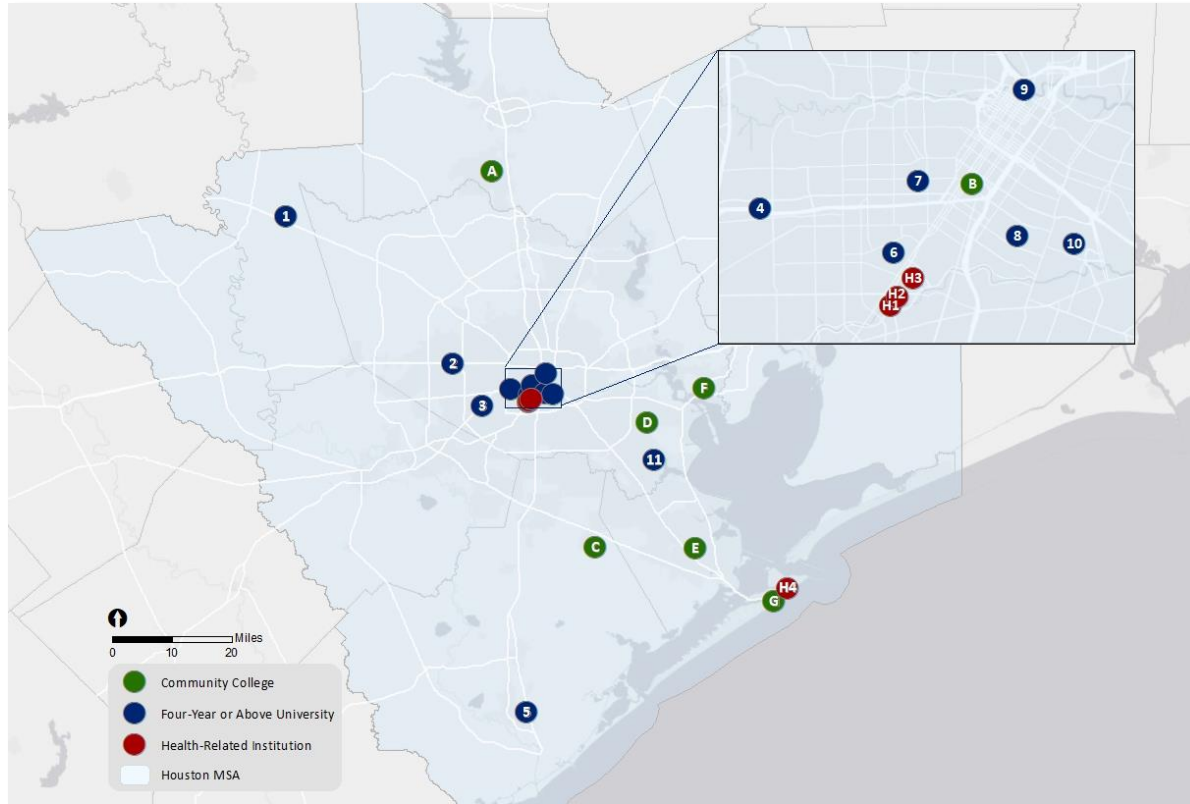
Post-High School Behavior,
Texas Public HS Graduates, 2017



Source: Texas Higher Education Coordinating Board

Note: 'Not trackable' graduates have non-standard IDs that will not find a match at Texas higher education institutions. 'Not found' graduates were not found in the specified Fall term at Texas higher education institutions.

Selected Higher Education Institutions in Greater Houston



Source: Greater Houston Partnership Research

Code	Community College
A	Lone Star College System
B	Houston Community College
C	Alvin Community College
D	San Jacinto Community College
E	College of the Mainland
F	Lee College
G	Galveston College

Code	Four-Year University
1	Prairie View A & M University
2	University of Phoenix-Texas
3	Houston Baptist University
4	The Art Institute of Houston
5	Brazosport College
6	Rice University
7	University of St Thomas
8	Texas Southern University
9	University of Houston-Downtown
10	University of Houston
11	University of Houston-Clear Lake

Code	Health-Related Institution
H1	The University of Texas Health Science Center at Houston
H2	The University of Texas MD Anderson Cancer Center
H3	Baylor College of Medicine
H4	The University of Texas Medical Branch

Enrollment



Degree-Seeking Undergraduate Student Enrollment, Fall '16

Nearly 243,000 undergraduate students were enrolled in a degree-seeking program in Greater Houston in Fall '16.

Including Texas A&M, Sam Houston State and Lamar University, undergraduate enrollment in the region climbs to 320,333.

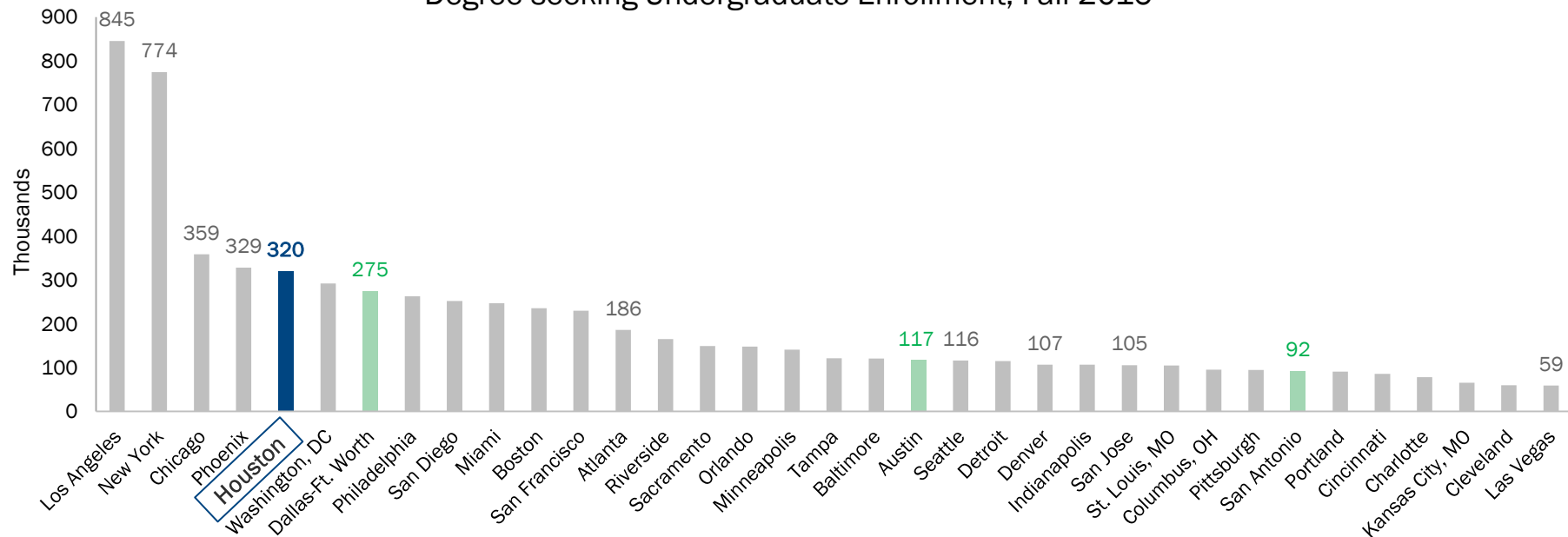
Institution	Undergraduate	Percent of Metro Total
Top 10 Institutions	217,923	89.7
<i>Lone Star College System</i>	59,202	24.4
<i>Houston Community College</i>	56,846	23.4
<i>University of Houston</i>	34,560	14.2
<i>San Jacinto Community College</i>	24,153	9.9
<i>University of Houston-Downtown</i>	12,758	5.3
<i>Prairie View A & M University</i>	7,417	3.1
<i>Lee College</i>	6,989	2.9
<i>Texas Southern University</i>	6,562	2.7
<i>University of Houston-Clear Lake</i>	5,557	2.3
<i>Rice University</i>	3,879	1.6
Other Public, 2-year	8,334	3.4
Other Private for-profit, 4-year or above	6,193	2.5
Other Private not-for-profit, 4-year or above	5,595	2.3
Other Public, 4-year or above	4,905	2.0
Total Greater Houston	242,950	100.0
<i>Texas A & M University-College Station</i>	50,416	-
<i>Sam Houston State University</i>	17,902	-
<i>Lamar University</i>	9,065	-
Total Greater Houston plus three institutions	320,333	-

Note: Enrollment counts for public, nonprofit, and for-profit four-year colleges/universities and public two-year community colleges only. Includes full-time and part-time degree-seeking students.

Source: National Center for Education Statistics

Houston* Ranks 5th in Undergraduate Enrollment

Degree-seeking Undergraduate Enrollment, Fall 2016



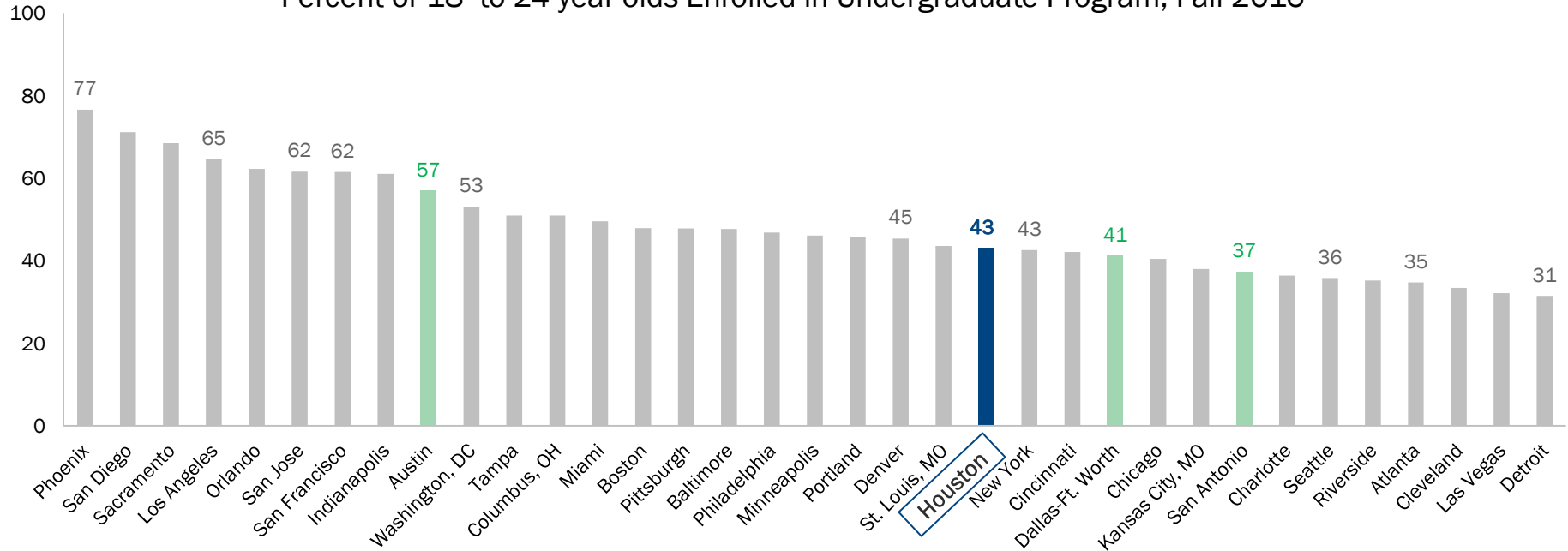
* Includes enrollment at Texas A&M University-College Station, Sam Houston State University, and Lamar University.

Note: Enrollment counts for public, nonprofit, and for-profit four-year colleges/universities and public two-year community colleges only. Includes full-time and part-time degree-seeking students.

Source: National Center for Education Statistics

Houston* Ranks 22nd in Percent of Population Enrolled as Undergrads

Percent of 18- to 24-year-olds Enrolled in Undergraduate Program, Fall 2016



* Includes enrollment at Texas A&M University-College Station, Sam Houston State University, and Lamar University.

Note: Percent of young population enrolled was calculated by dividing the number of degree-seeking undergraduate students in all four-year universities and community colleges in Fall '16 by the number of people between 18 and 24 years of age, inclusive. Percent enrolled for Houston derived from summing populations of Houston Metro, College Station Metro, Beaumont Metro, and Huntsville Micro Areas. Enrollment counts for public, nonprofit, and for-profit four-year colleges/universities and public two-year community colleges only. Includes full-time and part-time degree-seeking students.

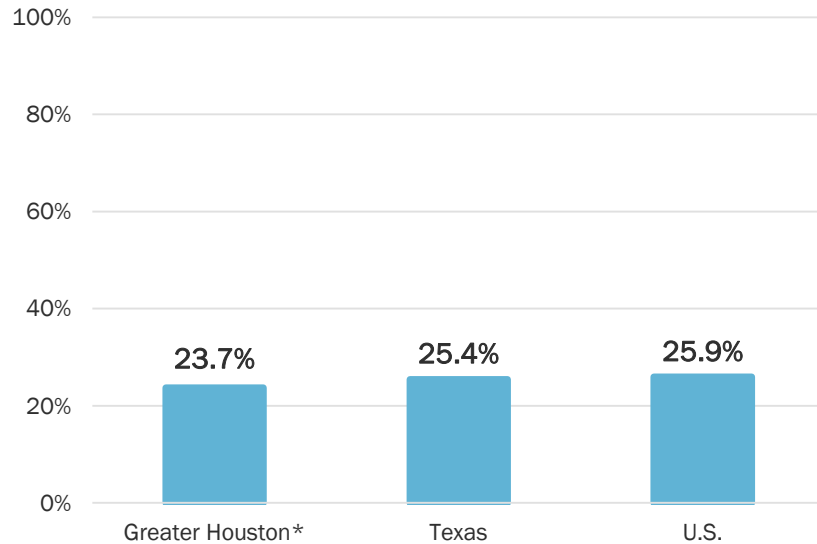
Source: Greater Houston Partnership Research calculations of National Center for Education Statistics data and U.S. Census Bureau, 2016 American Community Survey



Community College Transfer

23.7 Percent of Community College Freshmen Transfer within Six Years

Percent of Community College Freshmen who Transfer to In-State Four-Year University within Six Years
Cohort entering 2010, outcomes by 2016



* Includes data from Blinn College and Wharton County Junior College.
Source: Greater Houston transfer data from Texas Higher Education Coordinating Board; Texas and U.S. transfer data from National Student Clearinghouse Research Center



Career Cluster

- Agriculture, Food & Natural Resources
- Architecture & Construction
- Arts, A/V Technology & Communications
- Business, Management & Administration
- Education & Training
- Finance
- Government and Public Administration
- Health Science
- Hospitality & Tourism

Community College

- Cisco College
- Collin College
- Dallas County Community College District
- Del Mar College
- Grayson College
- Hill College
- Houston Community College
- North Central Texas College
- St. Philip's College

University

- Columbia College
- Midwestern State University
- Stephen F. Austin State University
- Tarleton State University
- Texas A&M University-Commerce
- Texas A&M University-Corpus Christi
- Texas Tech University
- Texas Womens University
- University of North Texas-ATPI

Catalog Year

- 2015-2016
- 2016-2017
- 2017-2018
- 2018-2019

Degree Path

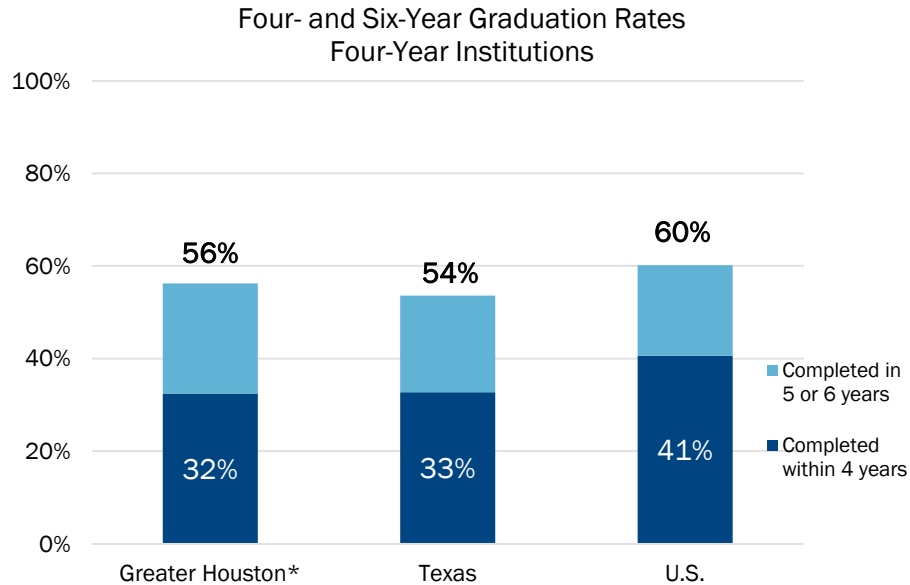
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Degree	Community College	University	Career Cluster	Catalog	Degree Path	Pathway
Accounting	Dallas County Community College District	University of North Texas-PACS	Business, Management & Administration	2017-2018	AAS-BAAS	Pathway
Accounting	Dallas County Community College District	Midwestern State University	Business, Management & Administration	2017-2018	AAS-BAAS	Pathway
Accounting	Collin College	Texas A&M University-Commerce	Finance	2018-2019	AAS-BAAS	Pathway
Accounting	Weatherford College	Texas Tech University	Business, Management & Administration	2017-2018	AS-BBA	Pathway
Accounting	Trinity Valley Community College	Tarleton State University	Business, Management & Administration	2016-2017	AAS-BAAS	Pathway
Accounting	Trinity Valley Community College	University of Texas-Tyler	Business, Management & Administration	2016-2017	AAS-BAAS	Pathway

Graduation Rates

One-third of freshmen graduate within four years; 56 percent will graduate within six



Among Top 35 Metros, Houston Ranks:

- 28th in four-year rate
- 22nd in six-year rate

* Includes graduates from Texas A&M University-College Station, Sam Houston State University, and Lamar University.

Note: Data for cohort of first-time, full-time students entering in 2010. Counts degrees awarded at public, nonprofit, and for-profit four-year colleges/universities only.

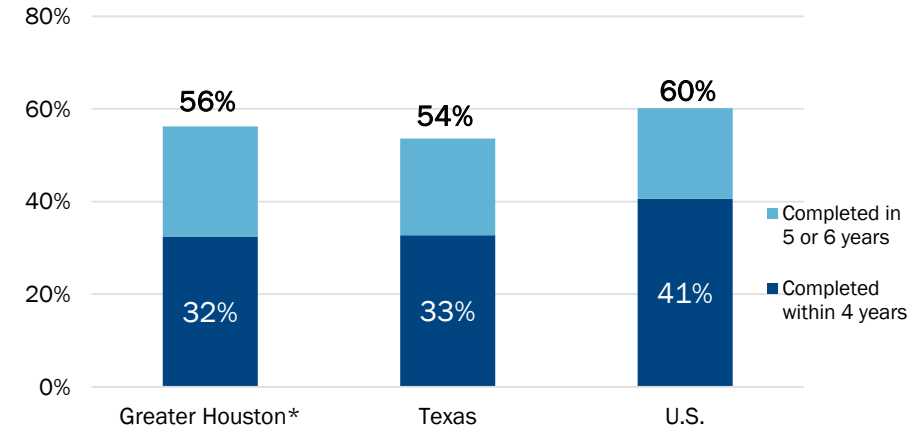
Source: National Center for Education Statistics

When students who transfer are excluded from the cohort, graduation rates increase substantially



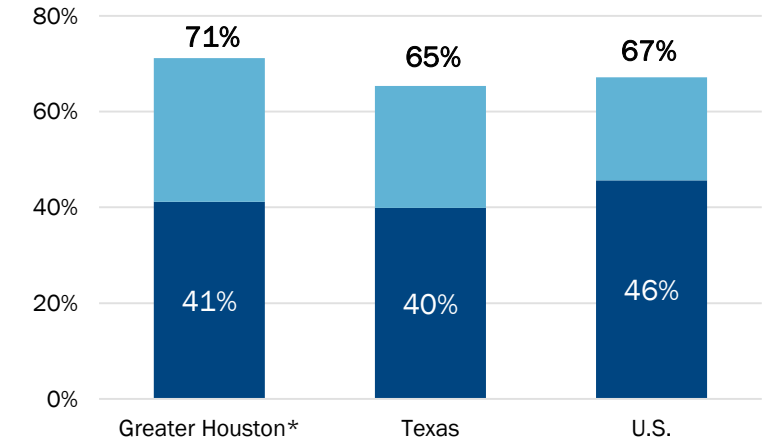
Four- and Six-Year Graduation Rates
Four-Year Institutions

100% — Cohort includes students who transferred to another institution



Four- and Six-Year Graduation Rates
Four-Year Institutions

100% — Cohort **excludes** students who transfer to another institution



* Includes graduates from Texas A&M University-College Station, Sam Houston State University, and Lamar University.

Note: Data for cohort of first-time, full-time students entering in 2010. Counts degrees awarded at public, nonprofit, and for-profit four-year colleges/universities only. "Non-completers" identified as no longer enrolled or still enrolled within the specified time period. Adjusted cohort excludes students who left to join the military, Peace Corps., church mission, or passed away.

Source: National Center for Education Statistics

Degrees Awarded

Houston-area institutions awarded 55,515 undergraduate degrees in academic year '16 - '17

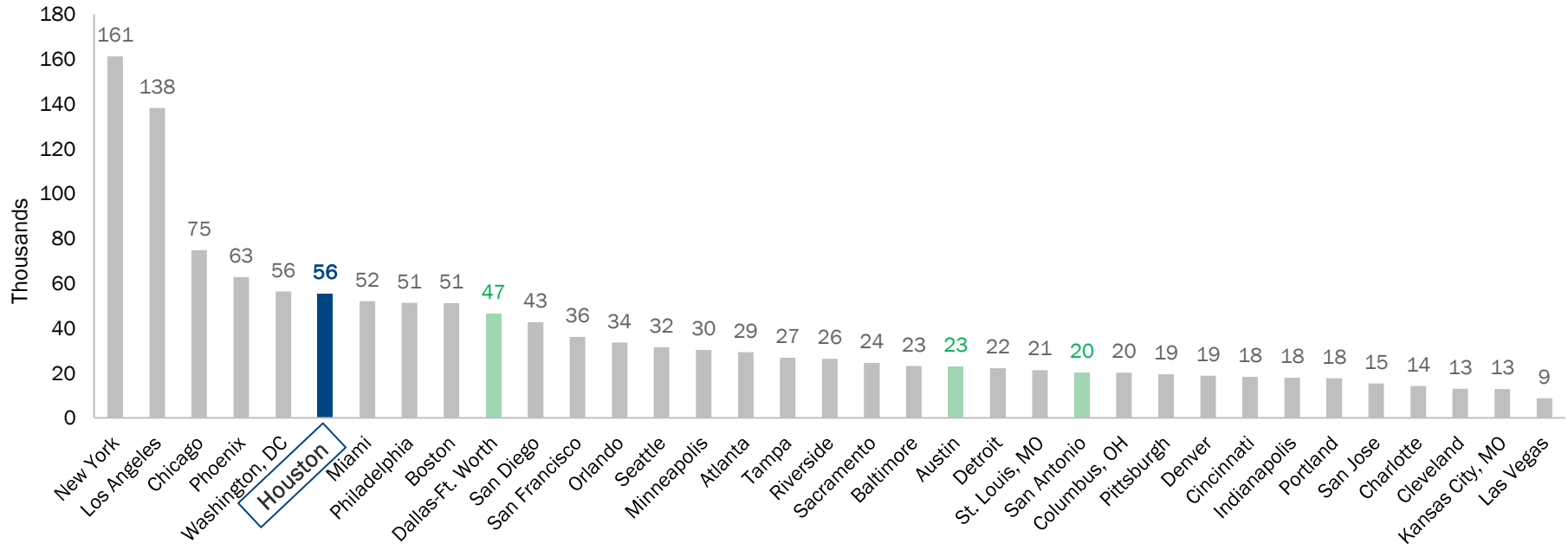


Institution	Associate Degree	Bachelor's Degree	Total	Percent
Top 15 Institutions	20,998	15,167	36,165	93.4
<i>Lone Star College System</i>	7,223	-	7,223	18.6
<i>University of Houston</i>	-	6,726	6,726	17.4
<i>Houston Community College</i>	6,213	-	6,213	16.0
<i>San Jacinto Community College District</i>	4,734	-	4,734	12.2
<i>University of Houston-Downtown</i>	-	2,823	2,823	7.3
<i>University of Houston-Clear Lake</i>	-	1,337	1,337	3.5
<i>Prairie View A & M University</i>	-	1,108	1,108	2.9
<i>Rice University</i>	-	1,008	1,008	2.6
<i>Texas Southern University</i>	-	1,002	1,002	2.6
<i>Lee College</i>	996	-	996	2.6
<i>Alvin Community College</i>	868	-	868	2.2
<i>University of Phoenix-Texas</i>	-	659	659	1.7
<i>Brazosport College</i>	466	56	522	1.3
<i>College of the Mainland</i>	498	-	498	1.3
<i>The University of Texas Medical Branch</i>	-	448	448	1.2
Other Public, 2-year	288	-	288	0.7
Other Private for-profit, 4-year or above	388	437	825	2.1
Other Private not-for-profit, 4-year or above	47	865	912	2.4
Other Public, 4-year	0	550	550	1.4
Total Greater Houston	21,721	17,019	38,740	100.0
<i>Texas A & M University-College Station</i>	-	11,378	11,378	-
<i>Lamar University</i>	-	3,731	3,731	-
<i>Sam Houston State University</i>	-	1,666	1,666	-
Total Greater Houston plus three institutions	21,721	33,794	55,515	-

Note: Completion awards for first major only. Counts degrees awarded at public, nonprofit, and for-profit four-year colleges/universities and public two-year community colleges only.
Source: National Center for Education Statistics

Houston* Ranks 6th in Undergraduate Degrees Awarded

Undergraduate Degrees Awarded, 2016-2017 Academic Year



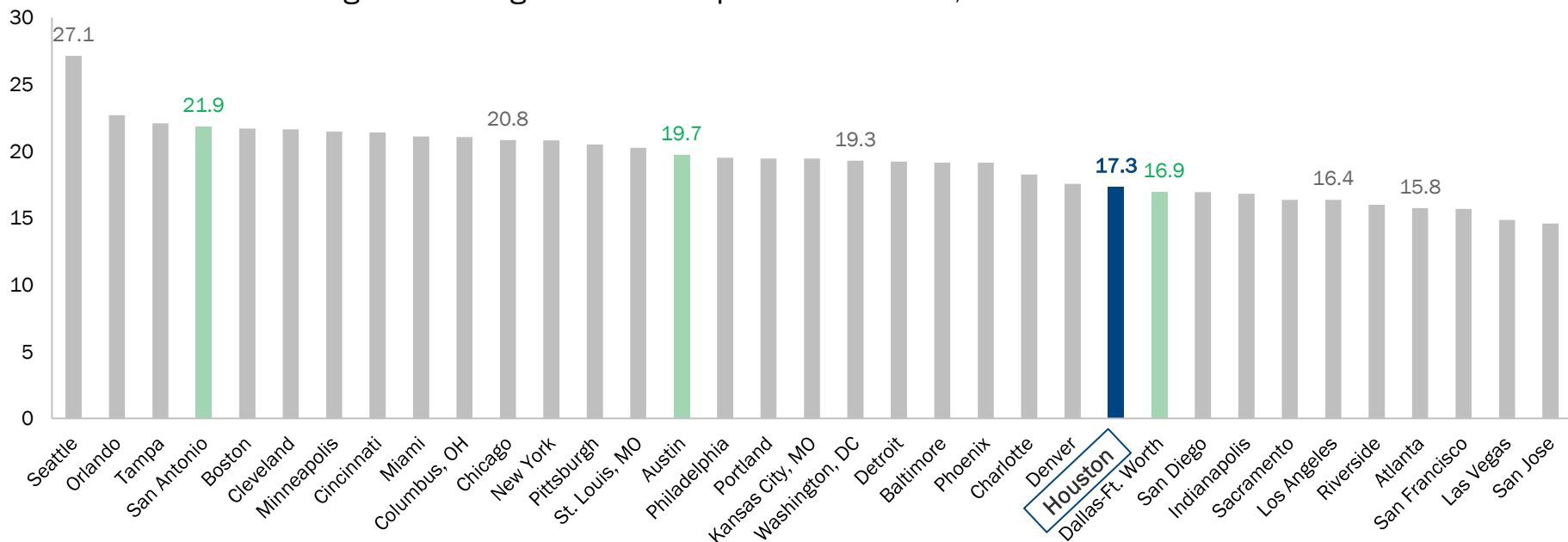
* Includes Texas A&M University-College Station, Sam Houston State University, and Lamar University.

Note: Completion awards for first major only. Counts degrees awarded at public, nonprofit, and for-profit four-year colleges/universities and public two-year community colleges only.

Source: National Center for Education Statistics

Houston* Ranks 25th in Degrees per 100 Students

Undergraduate Degrees Awarded per 100 Students, 2016-2017 Academic Year



* Includes Texas A&M University-College Station, Sam Houston State University, and Lamar University.

Note: Completion awards first major only in academic year '16-'17 at public, nonprofit, and for-profit four-year colleges/universities and public two-year community colleges only. Completion awards per degree-seeking enrolled student was calculated by dividing the number of completion awards in academic year '16-'17 by the number of degree-seeking students enrolled in Fall '16 for each metro.

Source: Greater Houston Partnership Research calculations of National Center for Education Statistics data

Tech Degrees

Tech Degree defined as:

Computer, Info. Sciences, Support

Computer Engineering
Electrical, Electronics/Comm Eng.
Engineering Mechanics
Engineering Physics
Engineering Science
Mechanical Engineering
Systems Engineering
Industrial Engineering
Operations Research
Engineering, Other

Electrical Engineering Technologies
Mechanical Engineering Technologies
Computer Engineering Technologies
Engineering-Related Fields
Engineering Technologies

Mathematics and Statistics

Houston* Ranks 8th in Undergraduate Tech Degrees and 24th in Percent



Tech Degree defined as:

Computer, Info. Sciences, Support

Computer Engineering

Electrical, Electronics/Comm Eng.

Engineering Mechanics

Engineering Physics

Engineering Science

Mechanical Engineering

Systems Engineering

Industrial Engineering

Operations Research

Engineering, Other

Electrical Engineering Technologies

Mechanical Engineering Technologies

Computer Engineering Technologies

Engineering-Related Fields

Engineering Technologies

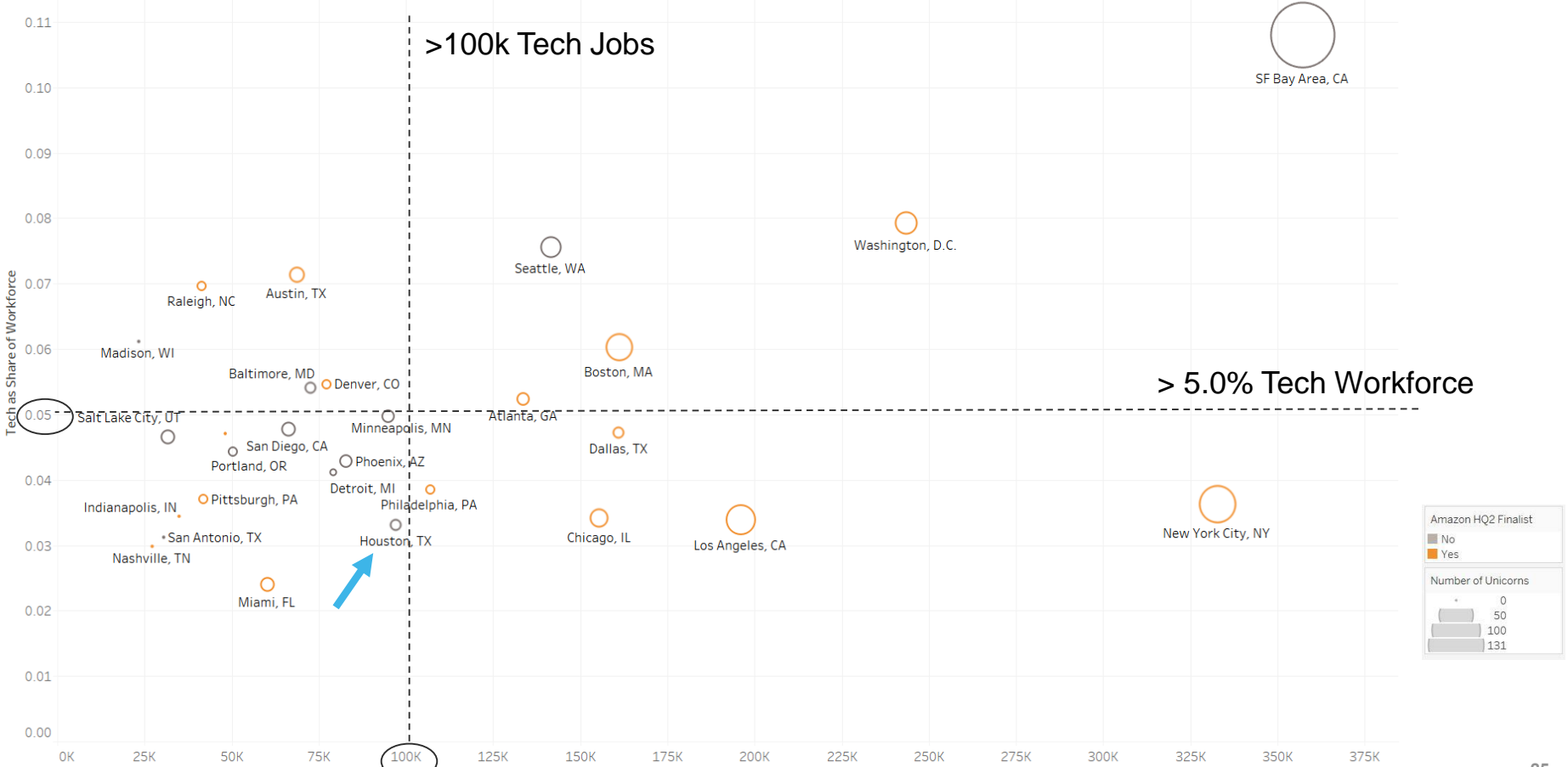
Mathematics and Statistics

Rank	Metro	Tech Degrees	Percent of Degrees
1	New York	11,789	7.3
2	Los Angeles	8,758	6.3
3	Washington, DC	6,823	12.1
4	Boston	5,029	9.8
5	Chicago	4,613	6.2
6	Phoenix	4,471	7.1
7	Atlanta	4,280	14.6
8	Houston*	3,750	6.8
9	Philadelphia	3,572	7.0
10	Seattle	3,045	9.7
11	San Diego	2,980	7.0
12	San Francisco	2,960	8.2
13	Dallas-Ft. Worth	2,748	5.9
14	Minneapolis	2,650	8.7
15	Orlando	2,539	7.6
16	Miami	2,257	4.3
17	Baltimore	2,223	9.6
18	Pittsburgh	2,176	11.2

Rank	Metro	Tech Degrees	Percent of Degrees
19	Austin	2,123	9.2
20	San Jose	1,788	11.6
21	Columbus, OH	1,691	8.4
22	Sacramento	1,622	6.6
23	St. Louis, MO	1,532	7.2
24	Denver	1,524	8.1
25	Detroit	1,515	6.8
26	Cincinnati	1,358	7.4
27	Tampa	1,260	4.7
28	San Antonio	1,205	6.0
29	Charlotte	1,177	8.2
30	Indianapolis	1,136	6.3
31	Cleveland	1,088	8.4
32	Riverside	1,080	4.1
33	Portland	972	5.5
34	Kansas City, MO	896	7.0
35	Las Vegas	350	4.0

* Includes Texas A&M University-College Station, Sam Houston State University, and Lamar University.
 Source: Greater Houston Partnership Research calculations of National Center for Education Statistics data

Talent: Tech-Concentrated Workforce



Source: Greater Houston Partnership Research

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