

## An Assessment of Retention to the Second Year and Six-Year Graduation Rates For UMass Boston and All Other U.S. Doctoral Research Universities

According to the U.S. Department of Education's Integrated Postsecondary Education Data System (IPEDS) Peer Analysis System (PAS), in fall 2008 there were 27 public universities in the United States with the Carnegie Classification of Doctoral Research University (DRU), which is UMass Boston's classification. A list of the DRUs is presented in Table 1.

**Table 1: U.S. Public Doctoral Research Universities**

Ball State University	Portland State University
Central Michigan University	South Carolina State University
Cleveland State University	Tennessee State University
East Carolina University	Texas A & M University-Commerce
East Tennessee State University	Texas A & M University-Kingsville
Florida Agricultural and Mechanical University	Texas Woman's University
Georgia Southern University	The University of West Florida
Idaho State University	The University of Arkansas at Little Rock
Illinois State University	The University of Massachusetts Boston
Indiana State University	The University of Massachusetts Lowell
Indiana University of Pennsylvania Main Campus	The University of North Carolina at Charlotte
Louisiana Tech University	The University of Northern Colorado
Morgan State University	The University of South Dakota.
Oakland University	

Using the IPEDS PAS, I examined several cohorts of first-time full-time (FT/FT) freshman for retention to the second year and six-year graduation rates for UMass Boston and the other public DRUs.

At UMass Boston, FT/FT freshmen make up a significantly smaller proportion of the total incoming fall undergraduate cohorts than do FT/FT freshmen at most of the other DRUs. This is important because publicly reported retention and graduation rates are based on FT/FT freshman students only. Of the 27 institutions, from 2002 to 2007, UMass Boston never ranked higher than 24<sup>th</sup> among the 27 for the proportion of FT/FT freshman students in the total incoming undergraduate cohort.

Emphasis on retention and graduation rates for this group distracts from the fact that FT/FT freshmen are a small portion of the students we enroll at the undergraduate level. For example, for the 2002 cohort, the most recent for which six-year graduation rates were reported, the retention and graduation rates were computed based on 479 incoming FT/FT students who made up 24% of the total 2002 incoming UMass Boston

undergraduate cohort. By 2007, the proportion of FT/FT freshmen rose to 37% of all incoming undergraduate students, but we still ranked 24<sup>th</sup> of the 27 DRUs.

Another thing that sets UMass Boston apart from the group is that UMass Boston alone among all U.S. public Doctoral Research Universities lacks any on-campus housing for its students. In discussing environmental factors that contribute to remaining in college, Alexander Astin, the Allan M. Carter Professor of Higher Education Emeritus at UCLA, Founding Director of the Higher Education Research Institute at UCLA, former Director of Research for both the American Council on Education and the National Merit Scholarship Corporation, and Founding Director of the Cooperative Institutional Research Program, wrote that:

Probably the most important and pervasive was the student's residence. Living in a campus residence was positively related to retention, and this positive effect occurred in all types of institutions and among all types of students regardless of sex, race, ability, or family background (p.523).<sup>1</sup>

Given that context, UMass Boston could be expected to lag in both retention and graduation rates behind what might be expected based on incoming test scores and the socio-economic status (SES) of our students. While part of the U.S. News and World Report college rankings is based on the difference between expected graduation rates and actual graduation rates, the lack of campus housing or the proportion of students living in campus housing is not considered in computing the expected graduation rate.

In retention to the second year, we do not trail the other DRUs, but are in the middle of the pack and improving. From 2002 to 2007 we improved our ranking among the public DRUs significantly as we improved our FT/FT retention rate from 70% to 75%. For the 2008 cohort, we will report a retention rate of 77%. That should improve our 2008 ranking several more positions over what they have been recently. Details of the UMass Boston retention rates and ranking within the 27 DRUs are presented in Table 2.

**Table 2: UMass Boston FT/FT Freshman Retention Rates and Retention Rate Ranking Among the 27 Public DRUs**

<b>Cohort</b>	<b>Number of FT/FT Freshmen</b>	<b>Retention Rate</b>	<b>Ranking Among the 27* U.S. DRUs</b>
2002	479	70%	14
2003	567	71%	14
2004	521	71%	15
2005	723	70%	15
2006	846	75%	8
2007	949	75%	10
2008	970	77%	X

\*Only 22 institutions reported in 2002

<sup>1</sup> Astin, A. W. (1999). Student involvement: A developmental theory for higher education. *Journal of College Student Development*, 40(5), 518-529. Originally published in July 1984.

Details on the size of incoming cohorts, the proportion of incoming undergraduates who are first-time full-time freshmen and their retention rates for UMass Boston and the other public DRUs are presented in Table 4 in the appendix beginning on page 4. It covers the 2002 to 2007 cohorts.

The six-year graduation rates are not as positive. For the most recent nine cohorts (entering in 1994 and reporting in 2000 to entering in 2002 and reporting in 2008) our six-year graduation rate has varied from a low of 25.6% for the 1994 cohort to a high of 35.8% for the 2000 cohort reported in fall 2006. Details of the UMass Boston graduation rates and ranking within the 27 DRUs are presented in Table 3.

**Table 3: UMass Boston FT/FT Freshman Six-Year Graduation Rates and Graduation Rate Ranking Among the 27 Public DRUs**

<b>Cohort</b>	<b>Adjusted FT/FT Freshmen Cohort</b>	<b>Six-Year Graduation Rate</b>	<b>Ranking Among the 27 U.S. DRUs</b>
1994	536	25.6%	25
1995	502	28.3%	23
1996	538	34.6%	21
1997	533	34.1%	22
1998	579	28.0%	23
1999	671	35.9%	21
2000	593	35.8%	22
2001	676	34.6%	23
2002	479	33.3%	22

Of the 27 DRUs over that period, we have never ranked above 20<sup>th</sup>. The most recent four cohorts have had rates over 30%, and while that is an improvement over the 28% for the 1998 cohort, our rates remain at the low end of the group. Details of the six-year graduation rates for UMass Boston and the other DRUs for the 1994 to 2002 cohorts are presented in the appendix in Table 5 which begins on page 10.

Given our relatively good retention and our relatively poor graduation rates, we have been using Consortium for Student Retention Data Exchange (CSRDE) data in an attempt to identify any particular career points where our students are lost at an unusually high rate. The work is in progress and we have nothing concrete to report at this time.

## Appendix

**Table 4: Dorm Status, First-Time Full-Time Freshman Numbers and Retention Rates for UMass Boston and All National Public Doctoral Research Universities Fall 2002 to Fall 2007 Cohorts.**

<b>Fall 2007 Cohort</b>						
<b>Institution Name</b>	<b>Dorms?</b>	<b>FT/FT 2007</b>	<b>All Incoming 2007</b>	<b>FT/FT as % of Cohort 2007</b>	<b>FT/FT Retention Rate 2007 Cohort</b>	<b>Rank</b>
Florida Agricultural and Mechanical University	Yes	1,757	2,096	84%	83%	1
Illinois State University	Yes	3,141	4,870	64%	83%	2
Georgia Southern University	Yes	3,029	4,485	68%	81%	3
UMass Lowell	Yes	1,224	1,963	62%	79%	4
University of North Carolina at Charlotte	Yes	2,933	5,055	58%	78%	5
Ball State University	Yes	3,755	4,491	84%	78%	6
Central Michigan University	Yes	3,787	5,138	74%	77%	7
East Carolina University	Yes	4,196	5,937	71%	76%	8
University of South Dakota	Yes	1,031	1,738	59%	76%	9
<b>UMass Boston</b>	<b>No</b>	<b>949</b>	<b>2,563</b>	<b>37%</b>	<b>75%</b>	<b>10</b>
Indiana University of Pennsylvania-Main Campus	Yes	2,532	3,403	74%	74%	11
Texas A & M University-Commerce	Yes	546	766	71%	73%	12
Louisiana Tech University	Yes	1,522	1,994	76%	72%	13
Oakland University	Yes	2,219	3,688	60%	72%	14
Texas Woman's University	Yes	769	1,855	41%	71%	15
The University of West Florida	Yes	917	2,514	36%	71%	16
University of Northern Colorado	Yes	2,200	3,037	72%	70%	17
Portland State University	Yes	1,427	5,872	24%	69%	18
Morgan State University	Yes	1,286	1,695	76%	68%	19
East Tennessee State U.	Yes	1,921	3,064	63%	67%	20
Indiana State University	Yes	1,824	1,852	98%	66%	21
South Carolina State University	Yes	1,292	1,519	85%	64%	22
University of Arkansas at Little Rock	Yes	814	1,984	41%	62%	23
Tennessee State University	Yes	1,219	1,228	99%	61%	24
Texas A & M University Kingsville	Yes	639	1,081	59%	60%	25
Cleveland State University	Yes	1,132	2,895	39%	57%	26
Idaho State University	Yes	1,333	3,603	37%	46%	27

Table 4: Dorm Status, First-Time Full-Time Freshman Numbers and Retention Rates for UMass Boston and All National Public Doctoral Research Universities Fall 2002 to Fall 2007 Cohorts cont.

<b>Fall 2006 Cohort</b>						
<b>Institution Name</b>	<b>Dorms?</b>	<b>FT/FT 2006</b>	<b>All Incoming 2006</b>	<b>FT/FT as % of Cohort 2006</b>	<b>FT/FT Retention Rate 2006 Cohort</b>	<b>Rank</b>
Illinois State University	Yes	3,190	5,061	63%	83%	1
Florida Agricultural and Mechanical University	Yes	1,705	2,067	82%	82%	2
Georgia Southern University	Yes	2,732	4,205	65%	79%	3
East Carolina University	Yes	3,792	5,465	69%	77%	4
University of North Carolina at Charlotte	Yes	2,767	4,789	58%	77%	5
Ball State University	Yes	3,953	5,363	74%	76%	6
Central Michigan University	Yes	3,786	5,291	72%	76%	7
<b>UMass Boston</b>	<b>No</b>	<b>846</b>	<b>2,477</b>	<b>34%</b>	<b>75%</b>	<b>8</b>
UMass Lowell	Yes	1,223	2,104	58%	75%	9
Indiana University of Pennsylvania-Main Campus	Yes	2,543	3,366	76%	73%	10
Oakland University	Yes	2,186	2,287	96%	73%	11
The University of West Florida	Yes	857	1,417	60%	73%	12
Louisiana Tech University	Yes	1,625	2,172	75%	72%	13
University of South Dakota	Yes	1,021	1,128	91%	72%	14
Tennessee State University	Yes	968	1,657	58%	70%	15
East Tennessee State U.	Yes	1,717	2,810	61%	69%	16
Indiana State University	Yes	1,660	2,369	70%	69%	17
Texas Woman's University	Yes	793	1,669	48%	69%	18
Portland State University	Yes	1,285	5,225	25%	67%	19
University of Northern Colorado	Yes	2,490	3,407	73%	66%	20
South Carolina State University	Yes	870	1,104	79%	65%	21
Morgan State University	Yes	1,368	1,931	71%	63%	22
Cleveland State University	Yes	947	2,582	37%	62%	23
Texas A & M University Kingsville	Yes	691	1,354	51%	61%	24
University of Arkansas at Little Rock	Yes	605	1,868	32%	59%	25
Idaho State University	Yes	1,379	2,966	46%	57%	26
Texas A & M University-Commerce	Yes	568	584	97%	55%	27

Table 4: Dorm Status, First-Time Full-Time Freshman Numbers and Retention Rates for UMass Boston and All National Public Doctoral Research Universities Fall 2002 to Fall 2007 Cohorts cont.

<b>Fall 2005 Cohort</b>						
<b>Institution Name</b>	<b>Dorms?</b>	<b>FT/FT 2005</b>	<b>All Incoming 2005</b>	<b>FT/FT as % of Cohort 2005</b>	<b>FT/FT Retention Rate 2005 Cohort</b>	<b>Rank</b>
Illinois State University	Yes	3,170	4,973	64%	84%	1
Florida Agricultural and Mechanical University	Yes	1,491	3,038	49%	81%	2
East Carolina University	Yes	3,223	4,733	68%	79%	3
University of North Carolina at Charlotte	Yes	2,864	5,006	57%	77%	4
Indiana University of Pennsylvania-Main Campus	Yes	2,467	3,279	75%	76%	5
Central Michigan University	Yes	3,715	5,156	72%	76%	6
UMass Lowell	Yes	1,064	1,804	59%	76%	7
Georgia Southern University	Yes	3,125	4,507	69%	76%	8
The University of West Florida	Yes	828	1,361	61%	75%	9
Ball State University	Yes	3,668	5,029	73%	75%	10
Louisiana Tech University	Yes	1,658	2,317	72%	72%	11
East Tennessee State University	Yes	1,569	2,501	63%	71%	12
Tennessee State University	Yes	996	1,205	83%	71%	13
University of South Dakota	Yes	1,035	1,869	55%	71%	14
<b>UMass Boston</b>	<b>No</b>	<b>723</b>	<b>2,056</b>	<b>35%</b>	<b>70%</b>	<b>15</b>
Oakland University	Yes	2,121	2,213	96%	70%	16
Texas Woman's University	Yes	681	1,197	57%	68%	17
University of Northern Colorado	Yes	2,480	3,575	69%	68%	18
Portland State University	Yes	1,201	5,645	21%	67%	19
Morgan State University	Yes	751	1,122	67%	67%	20
Indiana State University	Yes	1,624	2,317	70%	67%	21
South Carolina State University	Yes	1,002	1,246	80%	64%	22
Texas A & M University-Commerce	Yes	321	361	89%	62%	23
Texas A & M University Kingsville	Yes	881	1,179	75%	62%	24
University of Arkansas at Little Rock	Yes	762	2,942	26%	60%	25
Cleveland State University	Yes	955	2,515	38%	58%	26
Idaho State University	Yes	1,470	3,409	43%	54%	27

Table 4: Dorm Status, First-Time Full-Time Freshman Numbers and Retention Rates for UMass Boston and All National Public Doctoral Research Universities Fall 2002 to Fall 2007 Cohorts cont.

<b>Fall 2004 Cohort</b>						
<b>Institution Name</b>	<b>Dorms?</b>	<b>FT/FT 2004</b>	<b>All Incoming 2004</b>	<b>FT/FT as % of Cohort 2004</b>	<b>FT/FT Retention Rate 2004 Cohort</b>	<b>Rank</b>
Illinois State University	Yes	2,826	4,734	60%	85%	1
Florida Agricultural and Mechanical University	Yes	2,235	10,221	22%	82%	2
University of North Carolina at Charlotte	Yes	2,601	4,680	56%	79%	3
Georgia Southern University	Yes	2,983	4,217	71%	78%	4
Central Michigan University	Yes	3,726	5,100	73%	77%	5
Indiana University of Pennsylvania-Main Campus	Yes	2,654	3,447	77%	77%	6
Ball State University	Yes	3,663	5,129	71%	76%	7
East Carolina University	Yes	3,456	4,950	70%	76%	8
Texas Woman's University	Yes	630	1,543	41%	75%	9
The University of West Florida	Yes	868	956	91%	74%	10
Louisiana Tech University	Yes	1,646	2,409	68%	72%	11
Tennessee State University	Yes	1,008	2,111	48%	72%	12
University of Northern Colorado	Yes	2,414	3,507	69%	72%	13
Oakland University	Yes	1,950	2,053	95%	71%	14
<b>UMass Boston</b>	<b>No</b>	<b>521</b>	<b>1,758</b>	<b>30%</b>	<b>71%</b>	<b>15</b>
UMass Lowell	Yes	996	1,785	56%	70%	16
East Tennessee State University	Yes	1,483	2,559	58%	69%	17
Morgan State University	Yes	1,336	1,746	77%	69%	18
University of South Dakota	Yes	951	1,061	90%	69%	19
South Carolina State University	Yes	945	1,202	79%	68%	20
Portland State University	Yes	1,176	5,529	21%	67%	21
Indiana State University	Yes	1,815	2,529	72%	66%	22
Texas A & M University-Commerce	Yes	342	564	61%	63%	23
Texas A & M University Kingsville	Yes	716	1,482	48%	61%	24
University of Arkansas at Little Rock	Yes	761	5,023	15%	61%	25
Cleveland State University	Yes	922	2,588	36%	60%	26
Idaho State University	Yes	1,484	1,765	84%	57%	27

Table 4: Dorm Status, First-Time Full-Time Freshman Numbers and Retention Rates for UMass Boston and All National Public Doctoral Research Universities Fall 2002 to Fall 2007 Cohorts cont.

<b>Fall 2003 Cohort</b>						
<b>Institution Name</b>	<b>Dorms?</b>	<b>FT/FT 2003</b>	<b>All Incoming 2003</b>	<b>FT/FT as % of Cohort 2003</b>	<b>FT/FT Retention Rate 2003 Cohort</b>	<b>Rank</b>
Florida Agricultural and Mechanical University	Yes	2,477	9,969	25%	89%	1
Illinois State University	Yes	3,089	4,869	63%	84%	2
East Carolina University	Yes	3,462	4,872	71%	79%	3
Tennessee State University	Yes	1,157	1,818	64%	79%	4
Georgia Southern University	Yes	2,735	4,076	67%	79%	5
Central Michigan University	Yes	3,619	5,047	72%	78%	6
Ball State University	Yes	3,966	4,100	97%	78%	7
University of North Carolina at Charlotte	Yes	2,473	4,639	53%	77%	8
Indiana University of Pennsylvania Main Campus	Yes	2,859	3,881	74%	76%	9
UMass Lowell	Yes	1,008	1,787	56%	75%	10
The University of West Florida	Yes	827	2,164	38%	72%	11
Oakland University	Yes	2,016	2,101	96%	72%	12
University of Northern Colorado	Yes	2,119	3,499	61%	72%	13
<b>UMass Boston</b>	<b>No</b>	<b>567</b>	<b>1,949</b>	<b>29%</b>	<b>71%</b>	<b>14</b>
Morgan State University	Yes	1,220	1,663	73%	71%	15
Louisiana Tech University	Yes	1,951	2,633	74%	70%	16
East Tennessee State University	Yes	1,569	2,711	58%	70%	17
South Carolina State University	Yes	794	991	80%	69%	18
Texas Woman's University	Yes	588	1,472	40%	68%	19
Indiana State University	Yes	1,978	2,705	73%	68%	20
University of South Dakota	Yes	987	1,759	56%	68%	21
Portland State University	Yes	1,264	5,361	24%	66%	22
Texas A & M University-Commerce	Yes	407	1,560	26%	65%	23
University of Arkansas at Little Rock	Yes	691	1,757	39%	64%	24
Cleveland State University	Yes	925	2,590	36%	59%	25
Idaho State University	Yes	1,625	3,001	54%	55%	26
Texas A & M University-Kingsville	Yes	830	1,507	55%	51%	27

Table 4: Dorm Status, First-Time Full-Time Freshman Numbers and Retention Rates for UMass Boston and All National Public Doctoral Research Universities Fall 2002 to Fall 2007 Cohorts cont.

<b>Fall 2002 Cohort</b>						
<b>Institution Name</b>	<b>Dorms?</b>	<b>FT/FT 2002</b>	<b>All Incoming 2002</b>	<b>FT/FT as % of Cohort 2002</b>	<b>FT/FT Retention Rate 2002 Cohort</b>	<b>Rank</b>
Illinois State University	Yes	3,101	3,108	100%	83%	1
Central Michigan University	Yes	3,551	5,059	70%	77%	2
East Carolina University	Yes	3,561	4,850	73%	77%	3
Georgia Southern University	Yes	2,593	3,871	67%	76%	4
University of North Carolina at Charlotte	Yes	2,384	4,528	53%	76%	5
Texas Woman's University	Yes	511	1,326	39%	75%	6
UMass Lowell	Yes	1,013	1,748	58%	75%	7
Indiana University of Pennsylvania Main Campus	Yes	2,682	2,830	95%	73%	8
Oakland University	Yes	1,783	3,483	51%	73%	9
South Carolina State University	Yes	716	950	75%	73%	10
Tennessee State University	Yes	1,288	2,290	56%	73%	11
Morgan State University	Yes	1,242	2,093	59%	71%	12
Indiana State University	Yes	2,088	2,140	98%	70%	13
<b>UMass Boston</b>	<b>No</b>	<b>479</b>	<b>1,958</b>	<b>24%</b>	<b>70%</b>	<b>14</b>
University of Northern Colorado	Yes	1,942	3,290	59%	70%	15
East Tennessee State University	Yes	1,474	2,477	60%	67%	16
Portland State University	Yes	1,124	4,742	24%	67%	17
Texas A & M University- Commerce	Yes	416	465	89%	66%	18
University of Arkansas at Little Rock	Yes	739	2,254	33%	64%	19
Cleveland State University	Yes	946	946	100%	59%	20
Idaho State University	Yes	1,565	3,017	52%	58%	21
Texas A & M University- Kingsville	Yes	865	1,458	59%	55%	22
Florida Agricultural and Mechanical University	Yes	2,170	3,863	56%	NA	NA
Ball State University	Yes	3,747	5,240	72%	NA	NA
The University of West Florida	Yes	793	1,385	57%	NA	NA
Louisiana Tech University	Yes	1,944	2,616	74%	NA	NA
University of South Dakota	Yes	999	1,108	90%	NA	NA

**Table 5: Six-Year Graduation Rates for UMass Boston and All National Public Doctoral Research Universities Fall 1994 to Fall 2002 Cohorts.**

<b>Cohort Year 2002</b>		
<b>Institution Name</b>	<b>RY 2008*</b>	<b>Rank</b>
Illinois State University	70.0%	1
Ball State University	60.6%	2
Central Michigan University	57.5%	3
East Carolina University	54.3%	4
Indiana University of Pennsylvania-Main Campus	51.3%	5
University of North Carolina at Charlotte	50.6%	6
University of Massachusetts-Lowell	50.5%	7
University of Northern Colorado	49.9%	8
Louisiana Tech University	47.9%	9
University of South Dakota	46.8%	10
Texas Woman's University	45.5%	11
Georgia Southern University	45.4%	12
South Carolina State University	45.0%	13
The University of West Florida	44.2%	14
Oakland University	43.7%	15
Indiana State University	43.3%	16
East Tennessee State University	42.0%	17
Florida Agricultural and Mechanical University	40.8%	18
Texas A & M University-Commerce	35.9%	19
Tennessee State University	35.8%	20
Portland State University	33.7%	21
<b>University of Massachusetts-Boston</b>	<b>33.3%</b>	<b>22</b>
Morgan State University	32.5%	23
Texas A & M University-Kingsville	27.4%	24
Cleveland State University	26.3%	25
Idaho State University	25.6%	26
University of Arkansas at Little Rock	20.6%	27
<b>Cohort Year 2001</b>		
<b>Institution Name</b>	<b>RY 2007</b>	<b>Rank</b>
Illinois State University	65.2%	1
Ball State University	58.5%	2
Central Michigan University	57.2%	3
East Carolina University	54.5%	4
University of North Carolina at Charlotte	50.7%	5
Indiana University of Pennsylvania-Main Campus	49.9%	6
The University of West Florida	48.5%	7
University of Northern Colorado	48.4%	8
University of South Dakota	47.5%	9
Louisiana Tech University	47.5%	10
South Carolina State University	45.4%	11

\* RY is the reporting year, six years after the cohort entered

Table 5: Six-Year Graduation Rates for UMass Boston and All National Public Doctoral Research Universities Fall 1994 to Fall 2002 Cohorts, cont.

<b>Cohort Year 2001 cont.</b>		
<b>Institution Name</b>	<b>RY 2007</b>	<b>Rank</b>
Georgia Southern University	45.1%	12
Oakland University	44.3%	13
University of Massachusetts-Lowell	43.8%	14
Indiana State University	42.2%	15
Tennessee State University	41.1%	16
Texas Woman's University	40.8%	17
Florida Agricultural and Mechanical University	39.4%	18
East Tennessee State University	38.5%	19
Morgan State University	37.7%	20
Texas A & M University-Commerce	37.7%	21
Portland State University	35.0%	22
<b>University of Massachusetts Boston</b>	<b>34.6%</b>	<b>23</b>
Idaho State University	31.4%	24
Cleveland State University	31.2%	25
Texas A & M University-Kingsville	30.2%	26
University of Arkansas at Little Rock	20.5%	27
<b>Cohort Year 2000</b>		
<b>Institution Name</b>	<b>RY 2006</b>	<b>Rank</b>
Illinois State University	64.2%	1
Ball State University	58.9%	2
Central Michigan University	57.3%	3
East Carolina University	56.4%	4
South Carolina State University	53.9%	5
University of South Dakota	51.4%	6
University of North Carolina at Charlotte	49.8%	7
University of Northern Colorado	49.1%	8
Louisiana Tech University	48.6%	9
Indiana University of Pennsylvania-Main Campus	48.4%	10
University of Massachusetts-Lowell	46.0%	11
Oakland University	44.3%	12
Georgia Southern University	43.0%	13
Florida Agricultural and Mechanical University	42.5%	14
Indiana State University	41.9%	15
The University of West Florida	41.8%	16
Morgan State University	40.4%	17
East Tennessee State University	40.1%	18
Texas Woman's University	39.4%	19
Tennessee State University	37.5%	20
Portland State University	37.2%	21
<b>University of Massachusetts Boston</b>	<b>35.8%</b>	<b>22</b>

Table 5: Six-Year Graduation Rates for UMass Boston and All National Public Doctoral Research Universities Fall 1994 to Fall 2002 Cohorts, cont.

<b>Cohort Year 2000 cont.</b>		
<b>Institution Name</b>	<b>RY 2006</b>	<b>Rank</b>
Texas A & M University-Commerce	34.6%	23
Texas A & M University-Kingsville	32.1%	24
Cleveland State University	30.6%	25
Idaho State University	28.8%	26
University of Arkansas at Little Rock	23.9%	27
<b>Cohort Year 1999</b>		
<b>Institution Name</b>	<b>RY 2005</b>	<b>Rank</b>
Illinois State University	63.3%	1
Central Michigan University	55.4%	2
Ball State University	55.2%	3
East Carolina University	54.4%	4
University of North Carolina at Charlotte	48.7%	5
Louisiana Tech University	48.7%	6
University of South Dakota	47.2%	7
Indiana University of Pennsylvania-Main Campus	47.1%	8
South Carolina State University	46.8%	9
University of Massachusetts-Lowell	45.9%	10
University of Northern Colorado	45.8%	11
Oakland University	44.8%	12
Florida Agricultural and Mechanical University	44.5%	13
Tennessee State University	44.2%	14
The University of West Florida	42.1%	15
Morgan State University	41.8%	16
Indiana State University	41.6%	17
Georgia Southern University	40.9%	18
East Tennessee State University	39.4%	19
Texas Woman's University	35.4%	20
<b>University of Massachusetts Boston</b>	<b>35.0%</b>	<b>21</b>
Portland State University	34.7%	22
Texas A & M University-Commerce	34.3%	23
Cleveland State University	29.6%	24
Texas A & M University-Kingsville	28.4%	25
Idaho State University	23.2%	26
University of Arkansas at Little Rock	20.9%	27

Table 5: Six-Year Graduation Rates for UMass Boston and All National Public Doctoral Research Universities Fall 1994 to Fall 2002 Cohorts, cont.

<b>Cohort Year 1998</b>		
<b>Institution Name</b>	<b>RY 2004</b>	<b>Rank</b>
Illinois State University	61.8%	1
Central Michigan University	55.4%	2
East Carolina University	53.3%	3
Ball State University	53.1%	4
South Carolina State University	52.8%	5
Indiana University of Pennsylvania-Main Campus	50.5%	6
Louisiana Tech University	50.2%	7
Oakland University	46.7%	8
University of North Carolina at Charlotte	46.6%	9
University of South Dakota	45.7%	10
University of Massachusetts-Lowell	45.7%	11
Florida Agricultural and Mechanical University	45.6%	12
University of Northern Colorado	45.0%	13
Tennessee State University	44.7%	14
Indiana State University	42.4%	15
Texas Woman's University	41.8%	16
The University of West Florida	41.3%	17
Morgan State University	39.4%	18
East Tennessee State University	37.8%	19
Georgia Southern University	37.8%	20
Texas A & M University-Commerce	37.6%	21
Portland State University	33.9%	22
<b>University of Massachusetts Boston</b>	<b>28.0%</b>	<b>23</b>
Cleveland State University	27.0%	24
Texas A & M University-Kingsville	26.9%	25
University of Arkansas at Little Rock	25.5%	26
Idaho State University	22.6%	27
<b>Cohort Year 1997</b>		
<b>Institution Name</b>	<b>RY 2003</b>	<b>Rank</b>
Illinois State University	59.1%	1
East Carolina University	53.8%	2
Central Michigan University	52.3%	3
University of South Dakota	51.7%	4
Indiana University of Pennsylvania-Main Campus	50.8%	5
Ball State University	49.3%	6
University of North Carolina at Charlotte	49.1%	7
Louisiana Tech University	48.8%	8
South Carolina State University	48.6%	9
University of Northern Colorado	47.1%	10
Tennessee State University	45.5%	11

Table 5: Six-Year Graduation Rates for UMass Boston and All National Public Doctoral Research Universities Fall 1994 to Fall 2002 Cohorts, cont.

<b>Cohort Year 1997 cont.</b>		
<b>Institution Name</b>	<b>RY 2003</b>	<b>Rank</b>
Florida Agricultural and Mechanical University	44.8%	12
Oakland University	43.8%	13
University of Massachusetts-Lowell	42.2%	14
Indiana State University	40.9%	15
Morgan State University	39.3%	16
The University of West Florida	38.4%	17
East Tennessee State University	38.3%	18
Georgia Southern University	37.4%	19
Texas A & M University-Commerce	35.7%	20
Texas Woman's University	34.7%	21
<b>University of Massachusetts Boston</b>	<b>34.1%</b>	<b>22</b>
Portland State University	33.2%	23
Cleveland State University	27.1%	24
Idaho State University	22.6%	25
Texas A & M University-Kingsville	22.4%	26
University of Arkansas at Little Rock	18.8%	27
<b>Cohort Year 1996</b>		
<b>Institution Name</b>	<b>RY 2002</b>	<b>Rank</b>
Illinois State University	57.3%	1
East Carolina University	54.5%	2
South Carolina State University	50.9%	3
Louisiana Tech University	49.2%	4
Indiana University of Pennsylvania-Main Campus	49.0%	5
Central Michigan University	47.4%	6
Ball State University	47.2%	7
University of Northern Colorado	47.1%	8
Tennessee State University	46.7%	9
University of North Carolina at Charlotte	45.5%	10
University of South Dakota	44.6%	11
University of Massachusetts-Lowell	44.3%	12
Florida Agricultural and Mechanical University	43.0%	13
Oakland University	41.1%	14
The University of West Florida	39.4%	15
Indiana State University	39.2%	16
Texas Woman's University	39.1%	17
Morgan State University	38.4%	18
Georgia Southern University	36.3%	19
<b>University of Massachusetts Boston</b>	<b>34.6%</b>	<b>20</b>
East Tennessee State University	34.2%	21
Texas A & M University-Commerce	33.8%	22

Table 5: Six-Year Graduation Rates for UMass Boston and All National Public Doctoral Research Universities Fall 1994 to Fall 2002 Cohorts, cont.

<b>Cohort Year 1996 cont.</b>		
<b>Institution Name</b>	<b>RY 2002</b>	<b>Rank</b>
Portland State University	33.2%	23
Idaho State University	29.2%	24
Texas A & M University-Kingsville	26.1%	25
Cleveland State University	24.4%	26
University of Arkansas at Little Rock	22.1%	27
<b>Cohort Year 1995</b>		
<b>Institution Name</b>	<b>RY 2001</b>	<b>Rank</b>
Illinois State University	55.9%	1
Indiana University of Pennsylvania-Main Campus	53.2%	2
East Carolina University	52.3%	3
Central Michigan University	51.4%	4
University of North Carolina at Charlotte	50.8%	5
Louisiana Tech University	49.8%	6
University of South Dakota	48.4%	7
Ball State University	47.5%	8
University of Northern Colorado	45.5%	9
South Carolina State University	45.3%	10
Tennessee State University	45.1%	11
Florida Agricultural and Mechanical University	44.7%	12
Texas Woman's University	43.8%	13
Oakland University	40.6%	14
Indiana State University	39.5%	15
Georgia Southern University	38.1%	16
University of Massachusetts-Lowell	37.4%	17
The University of West Florida	37.1%	18
East Tennessee State University	37.0%	19
Texas A & M University-Commerce	36.3%	20
Portland State University	30.5%	21
Texas A & M University-Kingsville	28.9%	22
<b>University of Massachusetts Boston</b>	<b>28.3%</b>	<b>23</b>
Idaho State University	28.1%	24
Cleveland State University	27.2%	25
University of Arkansas at Little Rock	24.6%	26
Morgan State University	NA	NA

Table 5: Six-Year Graduation Rates for UMass Boston and All National Public Doctoral Research Universities Fall 1994 to Fall 2002 Cohorts, cont.

<b>Cohort Year 1994</b>		
<b>Institution Name</b>	<b>RY 2000</b>	<b>Rank</b>
Illinois State University	55.1%	1
East Carolina University	51.1%	2
University of North Carolina at Charlotte	50.5%	3
Central Michigan University	50.3%	4
Indiana University of Pennsylvania-Main Campus	48.5%	5
Ball State University	48.5%	6
South Carolina State University	46.9%	7
Louisiana Tech University	46.0%	8
University of Northern Colorado	44.3%	9
Tennessee State University	40.4%	10
Oakland University	39.4%	11
Florida Agricultural and Mechanical University	39.3%	12
University of South Dakota	39.3%	13
Texas Woman's University	39.0%	14
Morgan State University	38.7%	15
The University of West Florida	38.4%	16
University of Massachusetts-Lowell	37.2%	17
Indiana State University	36.8%	18
East Tennessee State University	36.6%	19
Texas A & M University-Commerce	35.4%	20
Georgia Southern University	34.4%	21
Portland State University	32.9%	22
Idaho State University	27.1%	23
Cleveland State University	26.9%	24
<b>University of Massachusetts Boston</b>	<b>25.6%</b>	<b>25</b>
Texas A & M University-Kingsville	20.3%	26
University of Arkansas at Little Rock	1.9%	27