



**UNIVERSITY SYSTEM**  
*of* **MARYLAND**

**SAT PERCENTILE DISTRIBUTIONS OF  
FIRST-TIME UNDERGRADUATES  
FALL 2017 Report**

*Bowie State University (BSU)*  
*Coppin State University (CSU)*  
*Frostburg State University (FSU)*  
*Salisbury University (SU)*  
*Towson University (TU)*  
*University of Baltimore (UB)*  
*University of Maryland, Baltimore County (UMBC)*  
*University of Maryland, College Park (UMCP)*  
*University of Maryland Eastern Shore (UMES)*

**Office of Institutional Research**  
**Vice Chancellor for Administration and Finance**  
**University System of Maryland Office**  
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## Background

This report provides the 25<sup>th</sup> and 75<sup>th</sup> percentiles of the combined math and reading scores for first-time, full-time, and part-time undergraduates at all USM institutions (except UMB and UMUC). The USM institutions report SAT scores of first-time undergraduates to MHEC annually. These data are also submitted to the U.S. Department of Education's national data system (IPEDS) and are used by external organizations (such as *U.S. News*) for various purposes, including calculations of institutional quality rankings. Also included in this report are summary findings on Maryland trends from the College Board as well as peer data for fall 2016 students.

The information in this report is part of a series of reports about the USM undergraduate student body. This report provides some explanatory information for the outcomes presented in the *Retention and Graduation Rates of First-time, Full-time Degree-Seeking Undergraduates* report and complements information about transfer preparedness found in the *Transfer Students to the University System of Maryland: Patterns of Enrollment and Success* report. Together, all three reports provide context for the USM's Enrollment Projections. For further information, please contact Chad Muntz, [cmuntz@usmd.edu](mailto:cmuntz@usmd.edu), 301-445-2737.

## USM Scores

As displayed in Table 1, in Fall 2016 the majority (10,423) of the 13,989 freshmen who enrolled at a USM institution were reported in the official SAT scores. Not all USM freshmen take the SAT. The proportion of the freshmen cohort with SAT scores may be lower either because of a student's choice to submit alternative standardized test scores or the application of an admission policy exemption by the institution.

Table 1  
Trends in SAT 25<sup>th</sup> and 75<sup>th</sup> Percentile Scores

	2013		2014		2015		2016		2017 <sup>1</sup>	
	25th	75th	25th	75th	25th	75th	25th	75th	25th	75th
UMCP	1230	1390	1230	1400	1240	1400	1240	1400	1250	1410
UMBC	1130	1300	1120	1290	1120	1290	1130	1300	1170	1320
SU	1100	1210	1090	1210	1100	1210	1090	1210	1130	1240
TU	1010	1160	1010	1150	1010	1160	990	1140	1060	1200
FSU	880	1060	880	1070	870	1050	860	1060	930	1110
UB	840	1030	830	1020	870	1070	820	1030	900	1100
BSU	870	930	820	930	800	930	800	930	870	1000
CSU	810	930	810	950	810	950	770	890	860	995
UMES	800	940	780	920	760	910	800	930	870	1020

<sup>1</sup> The College Board has redesigned the SAT and institutional scores from this year, 2017, reflect these new scores only. It is unclear how it will mirror historic trends and correlate with future student success.

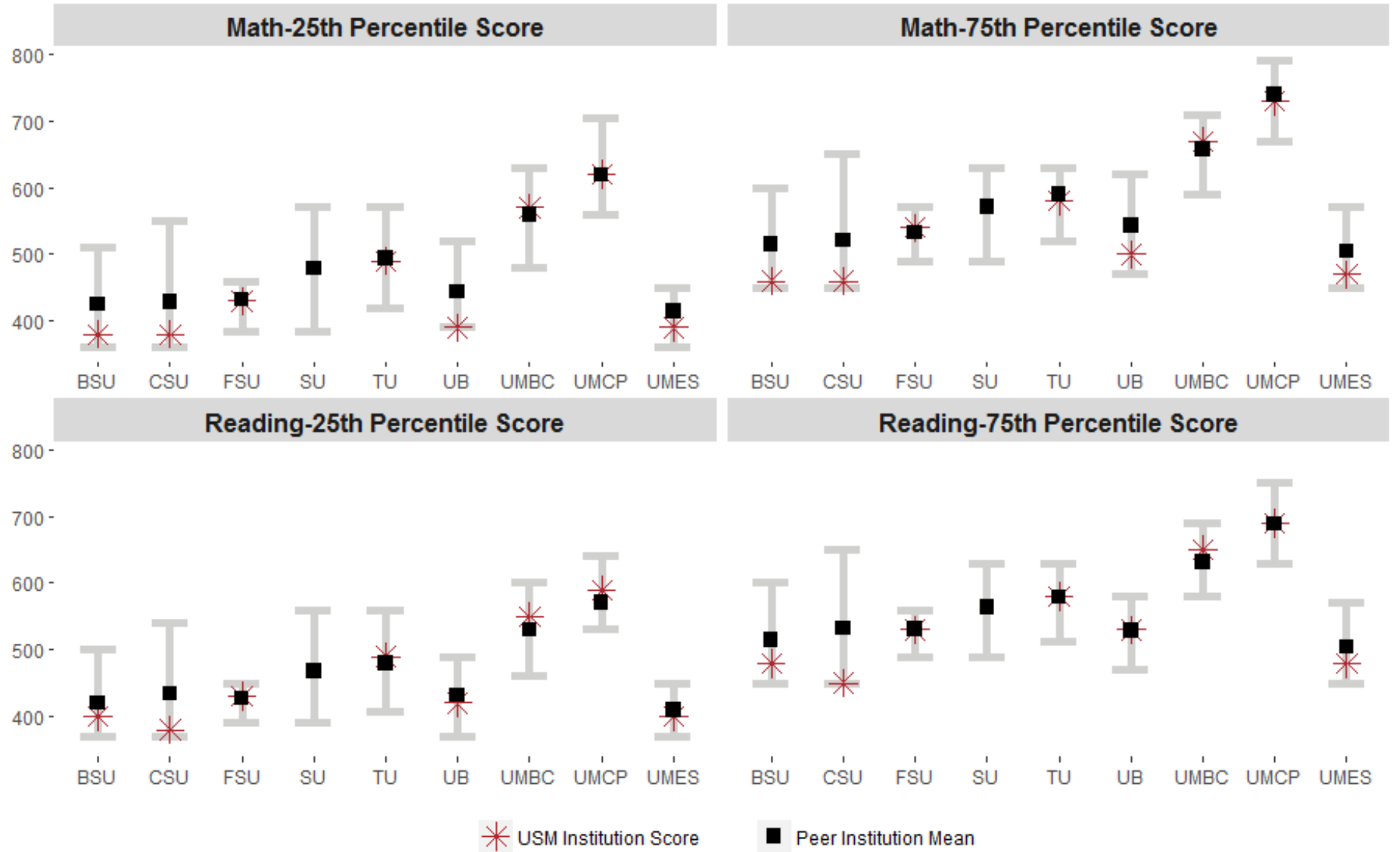
## Maryland High School Graduates Trends (per the College Board)

- Last year 42,919 Maryland high school graduates completed the SAT. This represented nearly 69% of the high school graduates in Maryland. There was a 9.5% decrease in the number of students who completed the SAT in the 2016-17 school year from the year before. The mean Maryland scores were slightly below national means in at least one area.
  - The Math mean in Maryland was 524 compared to 527 nationally
  - The Evidence-Based Reading and Writing mean in Maryland was 536 compared to 533 nationally.
- Less than half (22,738) of the Maryland high school graduates who completed the SAT sent their test scores to USM institutions. However, the average score for those students who did submit them to a USM institution was slightly higher than the average score for Maryland and the nation. Prospective applicants who sent their scores to USM institutions had the following:
  - 550 Math mean for USM applicants (15,790 scored 500 or above)
  - 561 Reading mean for USM applicants (16,837 scored 500 or above)
  - USM prospective students' percentile distributions were 1,250 (75<sup>th</sup>); 1,110 (50<sup>th</sup>); and 970 (25<sup>th</sup>).
  - 20,123 prospective students reported a high school GPA of 3.00 or above.

## National Trends from the National Center for Education Statistics (IPEDS)

Nationally, USM institutions are competitive with peer institutions from their MHEC-approved "competitor states" on the 25<sup>th</sup> and 75<sup>th</sup> percentiles of math and reading scores. Table 2 displays fall 2015 SAT data (the most recently available) for critical reading and mathematics scores. Tables 3-8 are the SAT data for the peer institutions.

# USM SAT Percentile Scores Compared to Peer Institutions



### Peers for Bowie State University

Institution	State	Math 25	Math 75	Reading 25	Reading 75
Bowie State University	MD	380	460	400	480
California State University-Bakersfield	CA	NA	NA	NA	NA
Humboldt State University	CA	430	540	440	550
Fitchburg State University	MA	450	540	440	550
New Jersey City University	NJ	390	510	370	480
William Paterson University of New Jersey	NJ	450	540	440	540
State University of New York at New Paltz	NY	510	600	500	600
North Carolina Central University	NC	410	470	400	470
Winston-Salem State University	NC	400	470	400	470
East Stroudsburg University of Pennsylvania	PA	420	520	420	520
Virginia State University	VA	360	450	370	450
<b>Peer Average</b>		<b>424.4</b>	<b>515.6</b>	<b>420.0</b>	<b>514.4</b>
<b>Point Difference between USM Inst. and Peer Average</b>		<b>-44.4</b>	<b>-55.6</b>	<b>-20.0</b>	<b>-34.4</b>
<b>Percent Difference between USM Inst. and Peer Average</b>		<b>-10.5%</b>	<b>-10.8%</b>	<b>-4.8%</b>	<b>-6.7%</b>

### Peers for Coppin State University

Institution	State	Math 25	Math 75	Reading 25	Reading 75
Coppin State University	MD	380	460	380	450
California State University-Channel Islands	CA	NA	NA	NA	NA
California State University-Monterey Bay	CA	NA	NA	NA	NA
California State University-San Marcos	CA	430	540	430	520
Humboldt State University	CA	430	540	440	550
SUNY College at Geneseo	NY	550	650	540	650
Fayetteville State University	NC	400	470	390	480
University of North Carolina at Pembroke	NC	420	490	420	520
Winston-Salem State University	NC	400	470	400	470
Virginia State University	VA	360	450	370	450
The Evergreen State College	WA	440	560	480	620
<b>Peer Average</b>		<b>428.8</b>	<b>521.3</b>	<b>433.8</b>	<b>532.5</b>
<b>Point Difference between USM Inst. and Peer Average</b>		<b>-48.8</b>	<b>-61.3</b>	<b>-53.8</b>	<b>-82.5</b>
<b>Percent Difference between USM Inst. and Peer Average</b>		<b>-11.4%</b>	<b>-11.8%</b>	<b>-12.4%</b>	<b>-15.5%</b>

## Peers for Frostburg State University

Institution	State	Math 25	Math 75	Reading 25	Reading 75
Frostburg State University	MD	430	540	430	530
California State University-Northridge	CA	400	520	400	510
Sonoma State University	CA	440	540	440	540
Bridgewater State University	MA	450	540	440	550
Fitchburg State University	MA	450	540	440	550
University of Massachusetts-Dartmouth	MA	460	570	450	560
Kean University	NJ	420	510	410	500
SUNY Buffalo State	NY	385	490	390	490
SUNY College at Potsdam	NY	NA	NA	NA	NA
Western Carolina University	NC	460	560	450	560
Clarion University of Pennsylvania	PA	420	520	420	52
<b>Peer Average</b>		<b>431.7</b>	<b>532.2</b>	<b>426.7</b>	<b>479.1</b>
<b>Point Difference between USM Inst. and Peer Average</b>		<b>-1.7</b>	<b>7.8</b>	<b>3.3</b>	<b>50.9</b>
<b>Percent Difference between USM Inst. and Peer Average</b>		<b>-0.4%</b>	<b>1.5%</b>	<b>0.8%</b>	<b>10.6%</b>

## Peers for Salisbury University

Institution	State	Math 25	Math 75	Reading 25	Reading 75
Salisbury University	MD	NA	NA	NA	NA
Framingham State University	MA	450	550	440	540
Rowan University	NJ	520	630	500	600
William Paterson University of New Jersey	NJ	450	540	440	540
SUNY Buffalo State	NY	385	490	390	490
SUNY College at Brockport	NY	470	570	450	550
SUNY College at Oswego	NY	510	590	500	590
University of North Carolina Wilmington	NC	570	630	560	630
Western Carolina University	NC	460	560	450	560
West Chester University of Pennsylvania	PA	490	580	480	570
Radford University	VA	NA	NA	NA	NA
<b>Peer Average</b>		<b>478.3</b>	<b>571.1</b>	<b>467.8</b>	<b>563.3</b>
<b>Point Difference between USM Inst. and Peer Average</b>					
<b>Percent Difference between USM Inst. and Peer Average</b>					

## Peers for Towson University

Institution	State	Math 25	Math 75	Reading 25	Reading 75
Towson University	MD	490	580	490	580
California State University-Fullerton	CA	470	570	450	550
University of Massachusetts-Dartmouth	MA	460	570	450	560
Minnesota State University-Mankato	MN	478	593	408	513
Montclair State University	NJ	NA	NA	NA	NA
Appalachian State University	NC	520	620	510	620
University of North Carolina at Charlotte	NC	520	610	510	590
University of North Carolina Wilmington	NC	570	630	560	630
Indiana University of Pennsylvania-Main Campus	PA	420	520	420	530
West Chester University of Pennsylvania	PA	490	580	480	570
James Madison University	VA	520	610	510	610
Western Washington University	WA	490	600	500	620
<b>Peer Average</b>		<b>493.8</b>	<b>590.3</b>	<b>479.8</b>	<b>579.3</b>
<b>Point Difference between USM Inst. and Peer Average</b>		<b>-3.8</b>	<b>-10.3</b>	<b>10.2</b>	<b>0.7</b>
<b>Percent Difference between USM Inst. and Peer Average</b>		<b>-0.8%</b>	<b>-1.7%</b>	<b>2.1%</b>	<b>0.1%</b>

## Peers for University of Baltimore

Institution	State	Math 25	Math 75	Reading 25	Reading 75
University of Baltimore	MD	390	500	420	530
California State University-East Bay	CA	NA	NA	NA	NA
California State University-Stanislaus	CA	NA	NA	NA	NA
University of Massachusetts-Dartmouth	MA	460	570	450	560
New Jersey City University	NJ	390	510	370	480
Rutgers University-Camden	NJ	450	570	440	550
CUNY Brooklyn College	NY	520	620	490	580
CUNY Lehman College	NY	460	540	450	540
North Carolina Central University	NC	410	470	400	470
East Stroudsburg University of Pennsylvania	PA	420	520	420	520
Radford University	VA	NA	NA	NA	NA
<b>Peer Average</b>		<b>444.3</b>	<b>542.9</b>	<b>431.4</b>	<b>528.6</b>
<b>Point Difference between USM Inst. and Peer Average</b>		<b>-54.3</b>	<b>-42.9</b>	<b>-11.4</b>	<b>1.4</b>
<b>Percent Difference between USM Inst. and Peer Average</b>		<b>-12.2%</b>	<b>-7.9%</b>	<b>-2.6%</b>	<b>0.3%</b>

## Peers for University of Maryland-Baltimore County

Institution	State	Math 25	Math 75	Reading 25	Reading 75
University of Maryland-Baltimore County	MD	570	670	550	650
University of California-Riverside	CA	480	610	460	580
University of California-Santa Cruz	CA	540	660	520	630
University of Massachusetts-Amherst	MA	580	680	550	650
University of Massachusetts-Lowell	MA	550	640	520	620
New Jersey Institute of Technology	NJ	590	680	520	630
SUNY at Albany	NY	500	590	490	580
SUNY at Binghamton	NY	630	710	600	690
North Carolina State University at Raleigh	NC	600	690	570	660
Miami University-Oxford	OH	590	690	540	660
George Mason University	VA	530	630	530	620
<b>Peer Average</b>		<b>559.0</b>	<b>658.0</b>	<b>530.0</b>	<b>632.0</b>
<b>Point Difference between USM Inst. and Peer Average</b>		<b>11.0</b>	<b>12.0</b>	<b>20.0</b>	<b>18.0</b>
<b>Percent Difference between USM Inst. and Peer Average</b>		<b>2.0%</b>	<b>1.8%</b>	<b>3.8%</b>	<b>2.8%</b>

## Peers for University of Maryland-College Park

Institution	State	Math 25	Math 75	Reading 25	Reading 75
University of Maryland-College Park	MD	620	730	590	690
University of California-Berkeley	CA	650	790	620	750
University of California-Los Angeles	CA	590	760	570	710
University of Illinois at Urbana-Champaign	IL	705	790	580	690
University of Michigan-Ann Arbor	MI	670	770	640	730
University of Minnesota-Twin Cities	MN	620	750	560	700
Rutgers University-New Brunswick	NJ	580	700	530	650
University of North Carolina at Chapel Hill	NC	610	720	600	700
Ohio State University-Main Campus	OH	620	740	540	670
Pennsylvania State University-Main Campus	PA	560	670	530	630
University of Washington-Seattle Campus	WA	580	710	540	660
<b>Peer Average</b>		<b>618.5</b>	<b>740.0</b>	<b>571.0</b>	<b>689.0</b>
<b>Point Difference between USM Inst. and Peer Average</b>		<b>1.5</b>	<b>-10.0</b>	<b>19.0</b>	<b>1.0</b>
<b>Percent Difference between USM Inst. and Peer Average</b>		<b>0.2%</b>	<b>-1.4%</b>	<b>3.3%</b>	<b>0.1%</b>



## Peers for University of Maryland Eastern Shore

Institution	State	Math 25	Math 75	Reading 25	Reading 75
University of Maryland Eastern Shore	MD	390	470	400	480
California State University-Bakersfield	CA	NA	NA	NA	NA
New Jersey City University	NJ	390	510	370	480
Rutgers University-Camden	NJ	450	570	440	550
SUNY at Fredonia	NY	450	550	450	570
Fayetteville State University	NC	400	470	390	480
North Carolina A & T State University	NC	430	510	420	500
University of North Carolina at Pembroke	NC	420	490	420	520
Winston-Salem State University	NC	400	470	400	470
Lock Haven University	PA	430	520	420	520
Virginia State University	VA	360	450	370	450
	<b>Peer Average</b>	<b>414.4</b>	<b>504.4</b>	<b>408.9</b>	<b>504.4</b>
	<b>Point Difference between USM Inst. and Peer Average</b>	<b>-24.4</b>	<b>-34.4</b>	<b>-8.9</b>	<b>-24.4</b>
	<b>Percent Difference between USM Inst. and Peer Average</b>	<b>-5.9%</b>	<b>-6.8%</b>	<b>-2.2%</b>	<b>-4.8%</b>