MOODY'S INVESTORS SERVICE

SECTOR COMMENT

24 June 2020



Contacts

Cassandra Golden +1.212.553.7487 Associate Lead Analyst cassandra.golden@moodys.com

Susan I Fitzgerald +1.212.553.6832 Associate Managing Director susan.fitzgerald@moodys.com

Jared Brewster +1.212.553.4453 AVP-Analyst jared.brewster@moodys.com

CLIENT SERVICES

Americas	1-212-553-1653
Asia Pacific	852-3551-3077
Japan	81-3-5408-4100
EMEA	44-20-7772-5454

Higher Education – US

Shifts in student migration would benefit some universities and harm others

The coronavirus pandemic is likely to drive shifts in student behavior, with more students choosing to enroll closer to home for health and safety reasons as well as in a search for affordable alternatives. Universities and colleges in states with a higher reliance on nonresident students will face reduced enrollment in the fall if students decide to remain near home. In contrast, universities in states that have typically exported a larger share of students could increase enrollment. Newly released migration data from the National Center for Education Statistics (NCES) fall enrollment survey highlights the states where universities have the most to gain or lose. Economic conditions point to public universities and community colleges garnering greater market share.

States with large percentage of out-of-state students are vulnerable to shifts in student migration

A high percentage students coming from out-of-state indicates the success of colleges and universities in recruiting from other states but makes them vulnerable to shifts in migration patterns. These states are at greater risk of declining enrollment if student preferences shift to staying closer to home. North Dakota, Rhode Island, Vermont, and New Hampshire each have more than a 40% reliance on out-of-state students, as shown in Exhibit 1.

Some states are better protected against such shifts. Alaska, Texas, New Jersey and California each have less than a 10% reliance on nonresident students, making them less vulnerable. Overall, 70% of states rely on more than 20% of their students coming from out of state, highlighting how shifting enrollment patterns could result in greater uncertainty and volatility for the fall 2020 entering class.

Exhibit 1 Reliance on out-of-state students varies across the country



Source: National Center for Education Statistics; Moody's Investors Service

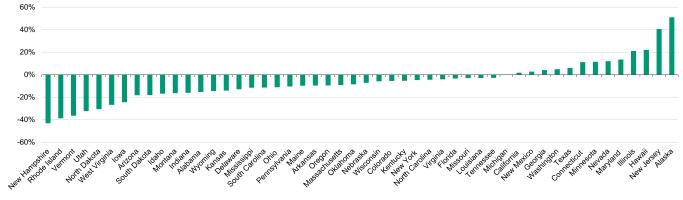
If students decide to stay in their home state, some states have the potential to make significant enrollment gains. In New Jersey, Hawaii, Connecticut, New Hampshire, and Vermont more than 35% of first-time students left their home state in fall 2018 to seek higher education options elsewhere. These states can improve enrollment gains if students stay in-state.

New Jersey (A3 negative) had already started pushing for students to remain local before the coronavirus outbreak. Now the state is calling students to "<u>come home</u>," offering a transfer path for students enrolled in out-of-state universities, as well as financial aid and scholarship program opportunities to students who choose to transfer into one of the 10 public four-year universities participating in the program. With the very high number of coronavirus cases in New Jersey, the duration of containment efforts may exceed the US average, leading to a deeper and longer economic contraction than currently forecast. In the circumstances, resident fall enrollment in New Jersey could increase significantly.

Exhibit 2 highlights the net impact on first-year enrollment if a state retained all the students it previously exported but lost all students it previously imported. For example, if fall 2018 first-time New Jersey students who left the state had decided to stay in New Jersey, and all those that enrolled from outside the state chose to remain in their own home state, New Jersey's first-time student enrollment would have increased by 41%.

Exhibit 2

More than 70% of states will see first-time enrollment decreases in their state if they keep students in their home state, but lose students who come from out-of-state



Fall 2018 net impact of first-time fall enrollment in each state if they retained students that out-migrated but lost all in-migration

Source: National Center for Education Statistics; Moody's Investors Service

Affordability concerns likely to boost enrollment at public and community colleges

As economic uncertainty persists amid the coronavirus pandemic, public universities in each state are more likely to increase enrollment than their in-state private university counterparts. Students, who will be finalizing their fall enrollment decisions in the coming weeks, will likely seek greater affordability because of the weakened financial conditions. Moody's has revised down US growth projections, now <u>forecasting a 5.7% contraction</u> in real GDP this year. Labor markets have been extremely hard hit.

Community colleges are also likely to enjoy an uptick in fall enrollment for affordability reasons. Students who traditionally might have gone straight into a four-year university might enroll in a community college if they have concerns about not receiving the traditional on-campus experience. Declines in household income will drive more students to seek lower-cost options, contributing to the revenue decline and shift in market share among colleges and universities. Even if enrollment grows, net tuition and other student revenue will fall.

This publication does not announce a credit rating action. For any credit ratings referenced in this publication, please see the ratings tab on the issuer/entity page on www.moodys.com for the most updated credit rating action information and rating history.

Moody's related publications

Outlook

- » Higher education US: Outlook shifts to negative as coronavirus outbreak increases downside risks, March 18, 2020
- » Community colleges US: Outlook stays stable as diversified revenue, operating model soften coronavirus impact, May 20, 2020

Sector In-Depth

- » Higher education and community colleges US Even with potential enrollment gains, colleges face drop in tuition, June 3, 2020
- » Higher education US Federal aid provides modest support for universities coping with coronavirus, April 7, 2020
- » Higher education Global Coronavirus will lower student demand and increase costs for universities, April 7, 2020

Sector Comment

» Higher education - US - Largest debt issuers are well positioned to weather coronavirus shocks, May 12, 2020

© 2020 Moody's Corporation, Moody's Investors Service, Inc., Moody's Analytics, Inc. and/or their licensors and affiliates (collectively, "MOODY'S"). All rights reserved. CREDIT RATINGS ISSUED BY MOODY'S INVESTORS SERVICE, INC. AND/OR ITS CREDIT RATINGS AFFILIATES ARE MOODY'S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES, AND MATERIALS, PRODUCTS, SERVICES AND INFORMATION PUBLISHED BY MOODY'S (COLLECTIVELY, "PUBLICATIONS") MAY INCLUDE SUCH CURRENT OPINIONS. MOODY'S INVESTORS SERVICE DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT OR IMPAIRMENT. SEE MOODY'S RATING SYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSED BY MOODY'S INVESTORS SERVICE CREDIT RATINGS. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS, NON-CREDIT ASSESSMENTS ("ASSESSMENTS"), AND OTHER OPINIONS INCLUDED IN MOODY'S PUBLICATIONS AND RELATED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S PUBLICATIONS MAY ALSO INCLUDE QUANTITATIVE MODEL-BASED ESTIMATES OF CREDIT RISK AND RELATED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S ANALYTICS, INC. AND/OR ITS AFFILIATES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE NOT AND DO NOT PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS AND PUBLICATIONS AND PUBLICATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. MOODY'S ISSUES ITS CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS AND PUBLICATIONS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL, WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDERC CONSIDERATION FOR PURCHASE. HOLDING, OR SALE.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS, AND PUBLICATIONS ARE NOT INTENDED FOR USE BY RETAIL INVESTORS AND IT WOULD BE RECKLESS AND INAPPROPRIATE FOR RETAIL INVESTORS TO USE MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS OR PUBLICATIONS WHEN MAKING AN INVESTMENT DECISION. IF IN DOUBT YOU SHOULD CONTACT YOUR FINANCIAL OR OTHER PROFESSIONAL ADVISER. ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE NOT INTENDED FOR USE BY ANY PERSON AS A BENCHMARK AS THAT TERM IS DEFINED FOR REGULATORY PURPOSES AND MUST NOT BE USED IN ANY WAY THAT COULD RESULT IN THEM BEING CONSIDERED A BENCHMARK.

All information contained herein is obtained by MOODY'S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY'S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the rating process or in preparing its Publications.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability to any person or entity for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers is advised in advance of the possibility of such losses or damages, including but not limited to: (a) any loss of present or prospective profits or (b) any loss or damage arising where the relevant financial instrument is not the subject of a particular credit rating assigned by MOODY'S.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability for any direct or compensatory losses or damages caused to any person or entity, including but not limited to by any negligence (but excluding fraud, willful misconduct or any other type of liability that, for the avoidance of doubt, by law cannot be excluded) on the part of, or any contingency within or beyond the control of, MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers, arising from or in connection with the information contained herein or the use of or inability to use any such information.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY CREDIT RATING, ASSESSMENT, OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

Moody's Investors Service, Inc., a wholly-owned credit rating agency subsidiary of Moody's Corporation ("MCO"), hereby discloses that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by Moody's Investors Service, Inc. have, prior to assignment of any credit rating, agreed to pay to Moody's Investors Service, Inc. for credit ratings opinions and services rendered by it fees ranging from \$1,000 to approximately \$2,700,000. MCO and Moody's investors Service also maintain policies and procedures to address the independence of Moody's Investors Service credit rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold credit ratings from Moody's Investors Service and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at <u>www.moodys.com</u> under the heading "Investor Relations — Corporate Governance — Director and Shareholder Affiliation Policy."

Additional terms for Australia only: Any publication into Australia of this document is pursuant to the Australian Financial Services License of MOODY'S affiliate, Moody's Investors Service Pty Limited ABN 61 003 399 657AFSL 336969 and/or Moody's Analytics Australia Pty Ltd ABN 94 105 136 972 AFSL 383569 (as applicable). This document is intended to be provided only to "wholesale clients" within the meaning of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY'S that you are, or are accessing the document as a representative of, a "wholesale client" and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to "retail clients" within the meaning of section 761G of the Corporations Act 2001. MOODY'S credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer, not on the equity securities of the issuer or any form of security that is available to retail investors.

Additional terms for Japan only: Moody's Japan K.K. ("MJKK") is a wholly-owned credit rating agency subsidiary of Moody's Group Japan G.K., which is wholly-owned by Moody's Overseas Holdings Inc., a wholly-owned subsidiary of MCO. Moody's SF Japan K.K. ("MSFJ") is a wholly-owned credit rating agency subsidiary of MJKK. MSFJ is not a Nationally Recognized Statistical Rating Organization ("NRSRO"). Therefore, credit ratings assigned by MSFJ are Non-NRSRO Credit Ratings. Non-NRSRO Credit Ratings are assigned by an entity that is not a NRSRO and, consequently, the rated obligation will not qualify for certain types of treatment under U.S. laws. MJKK and MSFJ are credit rating agencies registered with the Japan Financial Services Agency and their registration numbers are FSA Commissioner (Ratings) No. 2 and 3 respectively.

MJKK or MSFJ (as applicable) hereby disclose that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by MJKK or MSFJ (as applicable) have, prior to assignment of any credit rating, agreed to pay to MJKK or MSFJ (as applicable) for credit ratings opinions and services rendered by it fees ranging from JPY125,000 to approximately JPY250,000,000.

MJKK and MSFJ also maintain policies and procedures to address Japanese regulatory requirements.

REPORT NUMBER 1229408

Contacts

Cassandra Golden +1.212.553.7487 Associate Lead Analyst cassandra.golden@moodys.com

Susan I Fitzgerald Associate Managing Director

susan.fitzgerald@moodys.com

+1.212.553.6832

CLIENT SERVICES

Americas	1-212-553-1653
Asia Pacific	852-3551-3077
Japan	81-3-5408-4100
EMEA	44-20-7772-5454

Moody's **INVESTORS SERVICE**