MLDS Center
Maryland Longitudinal Data System

Address 550 West Baltimore Street
Baltimore, MD 21201
Phone 410-706-2085
Email mlds.center@maryland.gov
Website www.MLDSCenter.org

Research and Reporting Priorities
2019-2020

Reporting Services

<u>New Priorities</u>
1. Critical workforce areas
   a. Nursing
   b. Teachers
   c. Computer Science
2. Earnings for high school and college graduates
   a. Transfer Associate's degrees
   b. Career Associate's degrees
   c. Bachelor's degrees

<u>Required Output</u>
1. Reports
   a. Dual Enrollment Report
   b. Annual Report
   c. The Career Preparation Expansion Act of 2018 Report (SB978)
2. Other
   a. Critical Stakeholders
   b. Data Requests

<u>Other Output</u>
1. New / Expansions
   a. Teachers - *Regulatory Reporting*
   b. Nursing - *Maryland Health Services Cost Review Commission*
   c. Dual Enrollment - *College Graduation and Course-taking patterns*
   d. Maryland Center for Computer Education (MCCE)
   e. Five Year Outcomes
      i. Career Preparation Expansion Act
      ii. GED/NEDP
      iii. College Degrees to Careers
2. Revisions
   a. Initial Postsecondary Enrollments - In-State vs. Out-of-State Enrollments
   b. Initial Postsecondary Enrollments - Types of Institutions

Research Branch

Priority 1: Complete in-depth statistical analyses, able to support causal inferences where appropriate, on the following topics:
1. Studies that support causal inferences about the effects of different pathways from high school into college and the workforce, including examination of the Bridge Plan for Academic Validation (research request by MSDE) and additional focus on dual enrollment and early college initiatives.
2. Studies that further examine and disentangle the role of student and school-level poverty on long-term academic and workforce outcomes.
3. Studies that examine the relationship between characteristics of teacher preparation programs and/or individual teachers (in aggregate) and student outcomes.
4. Studies that examine the relationship between student characteristics and workforce outcomes in critical workforce areas.
5. Studies that explore statistical methods and best practices for incorporating wage data when data are missing not at random (e.g., for federal employees).
6. Studies that examine the causal effect of attending a 4-year college on long-term college and workforce outcomes.
7. Studies that examine the early elementary school predictors of long-term academic and career outcomes.
8. Further development of connections/partnerships and research questions related to the addition of behavioral data and data from the Department of Juvenile Services.
9. Maryland's production of high school and college graduates that meet the needs for Maryland's workforce demands (e.g., STEM; Pre-K teachers; Diverse teacher workforce)

Priority 2: Develop technical documentation to guide staff on the use of the System, data, appropriate methods, and best practices.

Priority 3: Applications for external funding to support priorities 1-2.