

- a) Requires the California Community Colleges (CCC), California State University (CSU), and University of California (UC) to establish a process by which campuses within those segments issue, maintain, and report information using unique statewide student identifiers.
- b) Requires the State Chief Information Officer to convene a working group representing, at a minimum, the State Board of Education, Superintendent of Public Instruction, CCC, CSU, and UC for the purpose of creating a strategic plan to link education data systems from all segments and to accomplish specified tasks (such as providing a structural design, and protocols and procedures in the collection, storage and sharing of data).
- c) Authorizes the California Department of Education (CDE), CCC, CSU, UC, the Commission on Teacher Credentialing, Employment Development Department and California Student Identification System to enter into interagency agreements to facilitate the implementation of a comprehensive longitudinal P-20 statewide data system, transfer of data from one educational segment to another, and transfer of workforce data to the educational segments. (Education Code § 10800-10807).

ANALYSIS

This bill:

- 1) This bill requires the CDE, Chancellor of the CCCs, and the CSU, and request the UC, to establish a data collection system to ensure student data is tracked from K-12 through public postsecondary education and into the workforce.
- 2) Establishes a statewide longitudinal education and workforce data system to inform public policy and decision making.
- 3) Requires the data system to include data on California students from enrollment in kindergarten to their entry into the workforce.
- 4) Requires the Labor and Workforce Development Agency to provide wage record and workforce program data for students who recently entered the workforce.
- 5) Requires the CDE, Chancellor of the CCCs, CSU and the Labor and Workforce Development Agency, and requests the UC, to provide new data every six months.
- 6) Requires the CDE, Chancellor of the CCCs, CSU, and the Labor and Workforce Development Agency, and requests the UC, to collaborate to develop a custom-built algorithm that matches records based on available personally identifiable information, including an individual's full name, date of birth, social security number, and student identification number.
- 7) Requires that any research or report developed with the use of data from the statewide longitudinal education and workforce data system to be accessible to the public, and disaggregated by demographics, organization, and geography, as

applicable.

- 8) Prohibits personally identifiable information from being disclosed or otherwise made accessible to the public in the course of developing or using the statewide longitudinal education and workforce data system.
- 9) Requires the development and maintenance of the statewide longitudinal education and workforce data system to comply with the Information Practices Act and the federal Family Educational Rights and Privacy Act.

STAFF COMMENTS

- 1) ***Need for the bill.*** According to the author, “California collects a massive amount of data about students in its public K-12 and higher education systems – data that could meet the information needs of state policymakers and educators. According to a report by Education Insights Center, the data are collected and maintained in systems that are not connected, were designed for different purposes, are subject to different regulations, and often use different data definitions. As a result of these disconnects, important information about student progress is often impossible to access, share, and use. A significant weakness is that California’s current approach leaves the state and its institutions unable to answer important questions about student progress and outcomes”
- 2) ***California Postsecondary Education Commission (CPEC).*** CPEC was established in 1974 to coordinate public, independent, and private postsecondary education in California as well as provide independent policy analyses and recommendations to the Legislature and the Governor on postsecondary education issues. CPEC served as the State's planning and coordinating body for higher education. Its predecessor, the Coordinating Council for Higher Education, was established as part of the 1960 Master Plan for Higher Education. CPEC’s primary responsibilities included ensuring quality of education and cooperation among the segments of public postsecondary education system and eliminating duplication and waste of resources. Additional duties included the creation and maintenance of collection databases capable of documenting performance of postsecondary education institutions, administration of federally funded education programs, acting as the state's clearinghouse on postsecondary education information and as the primary advisor on postsecondary education issues to the Legislature, Governor, and other governmental offices and institutions. CPEC was dissolved in November 2011, following the line item veto of its funding by Governor Brown.

The records that were held by CPEC (1961-2011) are currently being held by the Corporation for Education Network Initiatives in California (CENIC). The data held by CENIC is static (no new data is being added) and there is no authority for CENIC to do anything with the data other than maintain it. Since the closure of CPEC, there is no statewide entity that serves as the State's planning and coordinating body for higher education or that houses postsecondary education data. There have been numerous unsuccessful attempts to reestablish such a body (see Comment #8).

- 3) ***Sharing of data across segments and systems.*** Existing law requires the California Community Colleges (CCC), California State University (CSU) and the University of California (UC) to issue a unique statewide student identifier to each student, and authorizes these segments, along with the California Department of Education (CDE), the Commission on Teacher Credentialing and the Employment Development Department, to enter into interagency agreements to facilitate the implementation of a comprehensive longitudinal P-20 statewide data system, transfer of data from one educational segment to another, and transfer of workforce data to the educational segments. While unique student identifiers have been assigned by public K-12 schools and are being assigned by the public postsecondary segments, and are being utilized to some degree, they are not yet being utilized to broadly share data across segments or systems.

Existing law requires the CCC, CSU and UC to annually provide a progress report with a detailed timeline for the implementation, maintenance, and use of the unique statewide student identifiers. According to the 2016 progress report from the CSU, "No progress was made in 2015-16. The CSU remains committed and interested in achieving a common identifier (SSID). CSU student data systems are ready to incorporate the SSID. In the absence of a common Identifier (or a reliable SSN available in the datasets of other segment partners) the CSU has relied on the use of a combination of student specific variables common across the segments to uniquely identify and match records." According to the 2016 progress report from the UC, "The SSID has already been incorporated into UC student data systems and acquisition can now be tracked over time. Usefulness of the SSID is limited until the data are more accurately reported by K-12 schools and more readily available in electronic form. UC is participating in efforts to facilitate the sharing of student data between the three public segments of higher education and K-12 institutions. Attaining this goal continues to be dependent on getting SSID included on all student high school transcripts, and provision of a comprehensive dataset of valid SSID's matched with student name and high school from CDE (so data received can be validated)."

The CDE, CCC, CSU and UC have been authorized to enter into interagency agreements to facilitate the implementation of a comprehensive longitudinal P-20 statewide data system since 2010, but haven't yet achieved the goal of creating and utilizing a shared statewide student data system. Rather than authorizing an interagency agreement, this bill requires these entities to establish a data collection system. Has enough work been completed relative to the unique student identifiers to allow for the implementation of this bill? Could this bill resolve the issues that have prevented a statewide longitudinal data system from being established?

- 4) ***What type of data?*** This bill requires the establishment of a data collection system to ensure student data is tracked from K-12 through public postsecondary education and into the workforce, but does not specify what type of data is to be collected and reported. However, this bill appears to imply that, at least in regard to K-12 data, the data is already being collected and reported to the CDE. The author wishes to leave decisions relative to the specific data elements up to the designers of the data system.

This bill requires segments and systems to collaborate to develop a custom-built algorithm that matches records based on available personally identifiable information, including an individual's full name, date of birth, social security number, and student identification number. This bill does not require the collection or sharing of social security numbers. Existing law prohibits K-12 schools from collecting or soliciting social security numbers or the last four digits of social security numbers from students or their parents.

- 5) ***Where will the data be housed?*** This bill does not specify which entity will house the data system. There is no state-level coordinating body for higher education, one that oversees cross-system issues, or that is authorized to utilize cross-system data. Is it appropriate for one segment or system to maintain and manage student data that "belongs" to another segment or system? Should the bill require the data to be maintained and managed by an unspecified public agency that has clear rules about how to use and access the data (in addition to being able to follow existing state and federal privacy laws)? Is the California Department of Technology an appropriate entity to house this data system?
- 6) ***Frequency of submitting data.*** This bill requires the California Department of Education (CDE), Chancellor of the California Community Colleges (CCCs), California State University (CSU) and the Labor and Workforce Development Agency, and requests the University of California (UC), to provide new data every six months. **Staff recommends an amendment** to instead require new data to be submitted annually, thereby capturing students who graduate, complete their educational program, or otherwise cease attending school or college.
- 7) ***Technical amendments.*** This bill requires the Labor and Workforce Development Agency to provide wage record and workforce program data for students recently entering the workforce. **Staff recommends an amendment** to clarify that the data is for students who recently entered the workforce upon graduation, completion, or once the student no longer attends school or college.
- 8) ***Prior legislation.*** SB 885 (Simitian, 2011) would have authorized the CDE, UC, CSU, Chancellor of the CCCs, the Commission on Teacher Credentialing, the State Board of Education, the Employment Development Department and the California School Information Services to enter into a joint powers agreement to facilitate the implementation of a comprehensive longitudinal P-20 statewide data system, as well as the transfer of educational and workforce data. SB 885 was vetoed by the Governor, whose veto message read:

This bill is unnecessary because the majority of the entities impacted by this measure have already established an interagency agreement.

Should these entities choose to form a joint powers agreement in the future, they do not need additional statutory authority to do so. Whether they should or not given the current fiscal constraints -- I have my doubts.

AB 1837 (Low, 2016) would have established the Office of Higher Education Performance and Accountability as the statewide postsecondary coordination and planning entity; outlined its responsibilities, functions and authorities; and established an advisory board to the office. AB 1837 was held in the Senate Appropriations Committee.

SB 42 (Liu, 2016) was nearly identical to AB 1837. SB 42 was vetoed by the Governor, whose veto message read:

The call to improve postsecondary educational outcomes is laudable. The goals established by SB 195 in 2013 - improving access and success, aligning degrees and credentials with the state's economic, workforce and civic needs, and ensuring the effective and efficient use of resources - are still important measures that should guide us in developing higher education policies for the state.

While there is much work to be done to improve higher education, I am not convinced we need a new office and an advisory board, especially of the kind this bill proposes, to get the job done.

AB 1348 (John Pérez, 2014) would have established the California Higher Education Authority, its governing board and its responsibilities, including acting as a clearinghouse for postsecondary education information and maintaining a comprehensive database. AB 1348 was held in the Senate Appropriations Committee.

AB 2190 (John Pérez, 2012) would have established a state oversight and coordinating body for higher education. AB 2190 was held in the Assembly Appropriations Committee.

SB 1138 (Liu, 2011) would have established a central data management system for higher education. SB 1138 was held in the Senate Appropriations Committee.

SUPPORT

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OPPOSITION

None received

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