

2SSB 5941 - S AMD 101  
By Senator Oemig

ADOPTED 03/09/2009

1 Strike everything after the enacting clause and insert the  
2 following:

3 "Sec. 1. RCW 43.41.400 and 2007 c 401 s 3 are each amended to read  
4 as follows:

5 (1) An education data center shall be established in the office of  
6 financial management. The education data center shall jointly, with  
7 the legislative ((~~education~~—[~~evaluation~~])) evaluation and  
8 accountability program committee, conduct collaborative analyses of  
9 early learning, K-12, and higher education programs and education  
10 issues across the P-20 system, which includes the department of early  
11 learning, the superintendent of public instruction, the professional  
12 educator standards board, the state board of education, the state board  
13 for community and technical colleges, the workforce training and  
14 education coordinating board, the higher education coordinating board,  
15 public and private nonprofit four-year institutions of higher  
16 education, and the employment security department. The education data  
17 center shall conduct collaborative analyses under this section with the  
18 legislative evaluation and accountability program committee and provide  
19 data electronically to the legislative evaluation and accountability  
20 program committee, to the extent permitted by state and federal  
21 confidentiality requirements. The education data center shall be  
22 considered an authorized representative of the state educational  
23 agencies in this section under applicable federal and state statutes  
24 for purposes of accessing and compiling student record data for  
25 research purposes.

26 (2) The education data center shall:

27 (a) In consultation with the legislative evaluation and  
28 accountability program committee and the agencies and organizations  
29 participating in the education data center, identify the critical

1 research and policy questions that are intended to be addressed by the  
2 education data center and the data needed to address the questions;

3 (b) Coordinate with other state education agencies to compile and  
4 analyze education data, including data on student demographics that is  
5 disaggregated by distinct ethnic categories within racial subgroups,  
6 and complete P-20 research projects;

7 ~~((b))~~ (c) Collaborate with the legislative evaluation and  
8 accountability program committee and the education and fiscal  
9 committees of the legislature in identifying the data to be compiled  
10 and analyzed to ensure that legislative interests are served;

11 ~~((e))~~ (d) Annually provide to the K-12 data governance group a  
12 list of data elements and data quality improvements that are necessary  
13 to answer the research and policy questions identified by the education  
14 data center and have been identified by the legislative committees in  
15 (c) of this subsection. Within three months of receiving the list, the  
16 K-12 data governance group shall develop and transmit to the education  
17 data center a feasibility analysis of obtaining or improving the data,  
18 including the steps required, estimated time frame, and the financial  
19 and other resources that would be required. Based on the analysis,  
20 the education data center shall submit, if necessary, a recommendation  
21 to the legislature regarding any statutory changes or resources that  
22 would be needed to collect or improve the data;

23 (e) Monitor and evaluate the education data collection systems of  
24 the organizations and agencies represented in the education data center  
25 ensuring that data systems are flexible, able to adapt to evolving  
26 needs for information, and to the extent feasible and necessary,  
27 include data that are needed to conduct the analyses and provide  
28 answers to the research and policy questions identified in (a) of this  
29 subsection;

30 (f) Track enrollment and outcomes through the public centralized  
31 higher education enrollment system;

32 ~~((d))~~ (g) Assist other state educational agencies' collaborative  
33 efforts to develop a long-range enrollment plan for higher education  
34 including estimates to meet demographic and workforce needs; ~~(and~~

35 ~~(e))~~ (h) Provide research that focuses on student transitions  
36 within and among the early learning, K-12, and higher education sectors  
37 in the P-20 system; and

1        (i) Make recommendations to the legislature as necessary to help  
2 ensure the goals and objectives of this section and sections 2 and 3 of  
3 this act are met.

4        (3) The department of early learning, superintendent of public  
5 instruction, professional educator standards board, state board of  
6 education, state board for community and technical colleges, workforce  
7 training and education coordinating board, higher education  
8 coordinating board, public four-year institutions of higher education,  
9 and employment security department shall work with the education data  
10 center to develop data-sharing and research agreements, consistent with  
11 applicable security and confidentiality requirements, to facilitate the  
12 work of the center. Private, nonprofit institutions of higher  
13 education that provide programs of education beyond the high school  
14 level leading at least to the baccalaureate degree and are accredited  
15 by the Northwest association of schools and colleges or their peer  
16 accreditation bodies may also develop data-sharing and research  
17 agreements with the education data center, consistent with applicable  
18 security and confidentiality requirements. The education data center  
19 shall make data from collaborative analyses available to the education  
20 agencies and institutions that contribute data to the education data  
21 center to the extent allowed by federal and state security and  
22 confidentiality requirements applicable to the data of each  
23 contributing agency or institution.

24        NEW SECTION. Sec. 2. A new section is added to chapter 43.41 RCW  
25 to read as follows:

26        (1) It is the legislature's intent to establish a comprehensive K-  
27 12 education data improvement system for financial, student, and  
28 educator data. The objective of the system is to monitor student  
29 progress, have information on the quality of the educator workforce,  
30 monitor and analyze the costs of programs, provide for financial  
31 integrity and accountability, and have the capability to link across  
32 these various data components by student, by class, by teacher, by  
33 school, by district, and statewide. Education data systems must be  
34 flexible and able to adapt to evolving needs for information, but there  
35 must be an objective and orderly data governance process for  
36 determining when changes are needed and how to implement them. It is  
37 the further intent of the legislature to provide independent review and

1 evaluation of a comprehensive K-12 education data improvement system by  
2 assigning the review and monitoring responsibilities to the education  
3 data center and the legislative evaluation and accountability program  
4 committee.

5 (2) It is the intent that the data system specifically service  
6 reporting requirements for teachers, parents, superintendents, school  
7 boards, the legislature, the office of the superintendent of public  
8 instruction, and the public.

9 (3) It is the legislature's intent that the K-12 education data  
10 improvement system used by school districts and the state include but  
11 not be limited to the following information and functionality:

12 (a) Comprehensive educator information, including grade level and  
13 courses taught, building or location, program, job assignment, years of  
14 experience, the institution of higher education from which the educator  
15 obtained his or her degree, compensation, class size, mobility of class  
16 population, socioeconomic data of class, number of languages and which  
17 languages are spoken by students, general resources available for  
18 curriculum and other classroom needs, and number and type of  
19 instructional support staff in the building;

20 (b) The capacity to link educator assignment information with  
21 educator certification information such as certification number, type  
22 of certification, route to certification, certification program, and  
23 certification assessment or evaluation scores;

24 (c) Common coding of secondary courses and major areas of study at  
25 the elementary level or standard coding of course content;

26 (d) Robust student information, including but not limited to  
27 student characteristics, course and program enrollment, performance on  
28 statewide and district summative and formative assessments to the  
29 extent district assessments are used, and performance on college  
30 readiness tests;

31 (e) A subset of student information elements to serve as a dropout  
32 early warning system;

33 (f) The capacity to link educator information with student  
34 information;

35 (g) A common, standardized structure for reporting the costs of  
36 programs at the school and district level with a focus on the cost of  
37 services delivered to students;

- 1 (h) Separate accounting of state, federal, and local revenues and  
2 costs;
- 3 (i) Information linking state funding formulas to school district  
4 budgeting and accounting, including procedures:
- 5 (i) To support the accuracy and auditing of financial data; and  
6 (ii) Using the prototypical school model for school district  
7 financial accounting reporting;
- 8 (j) The capacity to link program cost information with student  
9 performance information to gauge the cost-effectiveness of programs;
- 10 (k) Information that is centrally accessible and updated regularly;  
11 and
- 12 (l) An anonymous, nonidentifiable replicated copy of data that is  
13 updated at least quarterly, and made available to the public by the  
14 state.
- 15 (4) It is the legislature's goal that all school districts have the  
16 capability to collect state-identified common data and export it in a  
17 standard format to support a statewide K-12 education data improvement  
18 system under this section.
- 19 (5) It is the legislature's intent that the K-12 education data  
20 improvement system be developed to provide the capability to make  
21 reports as required under section 3 of this act available.
- 22 (6) It is the legislature's intent that school districts collect  
23 and report new data elements to satisfy the requirements of RCW  
24 43.41.400, this section, and section 3 of this act, only to the extent  
25 funds are available for this purpose.

26 NEW SECTION. **Sec. 3.** A new section is added to chapter 43.41 RCW  
27 to read as follows:

28 (1) A K-12 data governance group shall be established within the  
29 educational data center to assist in the design and implementation of  
30 a K-12 education data improvement system for financial, student, and  
31 educator data. It is the intent that the data system reporting  
32 specifically serve requirements for teachers, parents, superintendents,  
33 school boards, the office of the superintendent of public instruction,  
34 the legislature, and the public.

35 (2) The K-12 data governance group shall include representatives of  
36 the education data center, the office of the superintendent of public  
37 instruction, the legislative evaluation and accountability program

1 committee, the professional educator standards board, the state board  
2 of education, and school district staff, including information  
3 technology staff. Additional entities with expertise in education data  
4 may be included in the K-12 data governance group.

5 (3) The K-12 data governance group shall:

6 (a) Identify the critical research and policy questions that need  
7 to be addressed by the K-12 education data improvement system;

8 (b) Identify reports and other information that should be made  
9 available on the internet in addition to the reports identified in  
10 subsection (5) of this section;

11 (c) Create a comprehensive needs requirement document detailing the  
12 specific information and technical capacity needed by school districts  
13 and the state to meet the legislature's expectations for a  
14 comprehensive K-12 education data improvement system as described under  
15 section 2 of this act;

16 (d) Conduct a gap analysis of current and planned information  
17 compared to the needs requirement document, including an analysis of  
18 the strengths and limitations of an education data system and programs  
19 currently used by school districts and the state, and specifically the  
20 gap analysis must look at the extent to which the existing data can be  
21 transformed into canonical form and where existing software can be used  
22 to meet the needs requirement document;

23 (e) Focus on financial and cost data necessary to support the new  
24 K-12 financial models and funding formulas, including any necessary  
25 changes to school district budgeting and accounting, and on assuring  
26 the capacity to link data across financial, student, and educator  
27 systems; and

28 (f) Define the operating rules and governance structure for K-12  
29 data collections, ensuring that data systems are flexible and able to  
30 adapt to evolving needs for information, within an objective and  
31 orderly data governance process for determining when changes are needed  
32 and how to implement them. Strong consideration must be made to the  
33 current practice and cost of migration to new requirements. The  
34 operating rules should delineate the coordination, delegation, and  
35 escalation authority for data collection issues, business rules, and  
36 performance goals for each K-12 data collection system, including:

37 (i) Defining and maintaining standards for privacy and  
38 confidentiality;

1 (ii) Setting data collection priorities;  
2 (iii) Defining and updating a standard data dictionary;  
3 (iv) Ensuring data compliance with the data dictionary;  
4 (v) Ensuring data accuracy; and  
5 (vi) Establishing minimum standards for school, student, financial,  
6 and teacher data systems. Data elements may be specified "to the  
7 extent feasible" or "to the extent available" to collect more and  
8 better data sets from districts with more flexible software. Nothing  
9 in RCW 43.41.400, this section, or section 2 of this act should be  
10 construed to require that a data dictionary or reporting should be  
11 hobbled to the lowest common set. The work of the K-12 data  
12 governance group must specify which data are desirable. Districts that  
13 can meet these requirements shall report the desirable data. Funding  
14 from the legislature must establish which subset data are absolutely  
15 required.

16 (4)(a) The K-12 data governance group shall provide updates on its  
17 work as requested by the education data center and the legislative  
18 evaluation and accountability program committee.

19 (b) The work of the K-12 data governance group shall be  
20 periodically reviewed and monitored by the educational data center and  
21 the legislative evaluation and accountability program committee.

22 (5) To the extent data is available, the office of the  
23 superintendent of public instruction shall make the following minimum  
24 reports available on the internet. The reports must either be run on  
25 demand against current data, or, if a static report, must have been run  
26 against the most recent data:

27 (a) The percentage of data compliance and data accuracy by school  
28 district;

29 (b) The magnitude of spending per student, by student estimated by  
30 the following algorithm and reported as the detailed summation of the  
31 following components:

32 (i) An approximate, prorated fraction of each teacher or human  
33 resource element that directly serves the student. Each human resource  
34 element must be listed or accessible through online tunneling in the  
35 report;

36 (ii) An approximate, prorated fraction of classroom or building  
37 costs used by the student;

1 (iii) An approximate, prorated fraction of transportation costs  
2 used by the student; and  
3 (iv) An approximate, prorated fraction of all other resources  
4 within the district that support any component of which makes up more  
5 than five percent;  
6 (c) The cost of K-12 basic education, per student, by student, by  
7 school district, estimated by the algorithm in (b) of this subsection,  
8 and reported in the same manner as required in (b) of this subsection;  
9 (d) The cost of K-12 special education services per student, by  
10 student receiving those services, by school district, estimated by the  
11 algorithm in (b) of this subsection, and reported in the same manner as  
12 required in (b) of this subsection;  
13 (e) Improvement on the statewide assessments computed as both a  
14 percentage change and absolute change on a scale score metric by  
15 district, by school, and by teacher that can also be filtered by a  
16 student's length of full-time enrollment within the school district;  
17 (f) Number of K-12 students per classroom teacher on a per teacher  
18 basis;  
19 (g) Number of K-12 classroom teachers per student on a per student  
20 basis;  
21 (h) Percentage of a classroom teacher per student on a per student  
22 basis; and  
23 (i) The cost of K-12 education per student by school district  
24 sorted by federal, state, and local dollars.  
25 (6) The superintendent of public instruction shall submit a  
26 preliminary report to the legislature by November 15, 2009, including  
27 the analyses by the K-12 data governance group under subsection (3) of  
28 this section and preliminary options for addressing identified gaps.  
29 A final report, including a proposed phase-in plan and preliminary cost  
30 estimates for implementation of a comprehensive data improvement system  
31 for financial, student, and educator data shall be submitted to the  
32 legislature by September 1, 2010.  
33 (7) All reports and data referenced in this section, RCW 43.41.400,  
34 and section 2 of this act shall be made available in a manner  
35 consistent with the technical requirements of the legislative  
36 evaluation and accountability program committee and the education data  
37 center so that selected data can be provided to the legislature,  
38 governor, school districts, and the public.



1 (8) Reports shall contain data to the extent it is available. All  
2 reports must include documentation of which data are not available or  
3 are estimated. Reports must not be suppressed because of poor data  
4 accuracy or completeness. Reports may be accompanied with  
5 documentation to inform the reader of why some data are missing or  
6 inaccurate or estimated.

7 NEW SECTION. **Sec. 4.** The education data center and the  
8 superintendent of public instruction shall take all actions necessary  
9 to secure federal funds to implement this act."

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By Senator Oemig

**ADOPTED 03/09/2009**

10 On page 1, line 1 of the title, after "data;" strike the remainder  
11 of the title and insert "amending RCW 43.41.400; adding new sections to  
12 chapter 43.41 RCW; and creating a new section."

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