E2SSB 5941 - H AMD 628
      By Representative Carlyle

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 <u>research and policy questions that are intended to be addressed by the</u>

2 <u>education data center and the data needed to address the questions;</u>

3 <u>(b)</u> 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))) <u>(c)</u> 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 (((c))) <u>(d) Annually provide to the K-12 data governance group a</u>

12 <u>list of data elements and data quality improvements that are necessary</u>

13 <u>to answer the research and policy questions identified by the education</u>

14 <u>data center and have been identified by the legislative committees in</u>

15 <u>(c) of this subsection. Within three months of receiving the list, the</u>

16 <u>K-12 data governance group shall develop and transmit to the education</u>

17 <u>data center a feasibility analysis of obtaining or improving the data,</u>

18 <u>including the steps required, estimated time frame, and the financial</u>

19 <u>and other resources that would be required. Based on the analysis,</u>

20 <u>the education data center shall submit, if necessary, a recommendation</u>

21 <u>to the legislature regarding any statutory changes or resources that</u>

22 <u>would be needed to collect or improve the data;</u>

23 <u>(e) Monitor and evaluate the education data collection systems of</u>

24 <u>the organizations and agencies represented in the education data center</u>

25 <u>ensuring that data systems are flexible, able to adapt to evolving</u>

26 <u>needs for information, and to the extent feasible and necessary,</u>

27 <u>include data that are needed to conduct the analyses and provide</u>

28 <u>answers to the research and policy questions identified in (a) of this</u>

29 <u>subsection;</u>

30 <u>(f)</u> Track enrollment and outcomes through the public centralized

31 higher education enrollment system;

32 (((d))) <u>(g)</u> 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))) <u>(h)</u> 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<u>; and</u>

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 28A.655
25 RCW 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 28A.655
27 RCW to read as follows:
28   (1) A K-12 data governance group shall be established within the
29 office of the superintendent of public instruction to assist in the
30 design and implementation of a K-12 education data improvement system
31 for financial, student, and educator data. It is the intent that the
32 data system reporting specifically serve requirements for teachers,
33 parents, superintendents, school boards, the office of the
34 superintendent of public instruction, 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

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

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

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

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

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

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

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

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

1   (i) Defining and maintaining standards for privacy and
2 confidentiality;
3   (ii) Setting data collection priorities;
4   (iii) Defining and updating a standard data dictionary;
5   (iv) Ensuring data compliance with the data dictionary;
6   (v) Ensuring data accuracy; and
7   (vi) Establishing minimum standards for school, student, financial,
8 and teacher data systems. Data elements may be specified "to the
9 extent feasible" or "to the extent available" to collect more and
10 better data sets from districts with more flexible software. Nothing
11 in RCW 43.41.400, this section, or section 2 of this act should be
12 construed to require that a data dictionary or reporting should be
13 hobbled to the lowest common set. The work of the K-12 data
14 governance group must specify which data are desirable. Districts that
15 can meet these requirements shall report the desirable data. Funding
16 from the legislature must establish which subset data are absolutely
17 required.
18   (4)(a) The K-12 data governance group shall provide updates on its
19 work as requested by the education data center and the legislative
20 evaluation and accountability program committee.
21   (b) The work of the K-12 data governance group shall be
22 periodically reviewed and monitored by the educational data center and
23 the legislative evaluation and accountability program committee.
24   (5) To the extent data is available, the office of the
25 superintendent of public instruction shall make the following minimum
26 reports available on the internet. The reports must either be run on
27 demand against current data, or, if a static report, must have been run
28 against the most recent data:
29   (a) The percentage of data compliance and data accuracy by school
30 district;
31   (b) The magnitude of spending per student, by student estimated by
32 the following algorithm and reported as the detailed summation of the
33 following components:
34   (i) An approximate, prorated fraction of each teacher or human
35 resource element that directly serves the student. Each human resource
36 element must be listed or accessible through online tunneling in the
37 report;

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

1   evaluation and accountability program committee and the education data
2   center so that selected data can be provided to the legislature,
3   governor, school districts, and the public.
4   (8) Reports shall contain data to the extent it is available. All
5   reports must include documentation of which data are not available or
6   are estimated. Reports must not be suppressed because of poor data
7   accuracy or completeness. Reports may be accompanied with
8   documentation to inform the reader of why some data are missing or
9   inaccurate or estimated.

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

13   Correct the title.

    EFFECT: Makes the following changes to the underlying bill:
    1. Places sections dealing with the K-12 data improvement system in
the school code.
    2. Creates the K-12 Data Governance Group in the Office of the
Superintendent of Public Instruction, rather than the Office of
Financial Management.

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