



Office of Superintendent of Public Instruction
K-12 Financial Resources

2018 Funding Values to Fully Fund Basic Education as Defined in ESHB 2261

Proposed by Superintendent Dorn
September 29, 2009

Background

- Proposed 2018 Values largely based on BEFTF
 - Updates for better data or information
 - Funding Formula Technical Workgroup recommendations may require revisiting some of proposal
- Also based on review of prior studies
 - Washington Learns
 - Oregon Quality Education Model
 - National Recommendations



Proposal Summary

Includes:

- Class size
- School Staffing Plan
- Districtwide Support
- Materials, Supplies, Operating Costs
- Learning Assistance Program
- Support for English Language Learners
- Professional Development
- Career and Technical Education

To Be Addressed Later in Fall:

- Early Learning
- Student schedule aligned with Core 24
- Additional materials and supplies for CTE, LAP, ELL
- Special Education
- Mentoring and Induction
- Eligibility Criteria for High Poverty Schools Class Size Reduction
- Funding for Institutions and Prisons



Costing Assumptions

- Single year cost based on 2007-08 enrollment and 2008-09 staff cost
 - Based on current, unequalized salary levels
 - Does not include any updates for market costs
- Does not include impacts for NERC or Special Education
 - Safe to assume new \$10 million for Special Education for each \$100 million in new Basic Education
 - NERC proposed as a per student formula



Class Size Recommendations

- Washington ranks 46th in the nation
- With 75% reduction in I-728 this year, classrooms are largest in a generation
- Students learn to state standards when teachers can address individual learning needs
- Clear research that at the lower grade levels, class size does improve learning
- Little research at the secondary level; some indication that lower class sizes are beneficial for low income students
- For secondary schools, it is also workload issue



Class Size Proposed

1	2	3	4	5	6	7	8
2		Current Law		BEFTF		Dorn 9-29-09	
3		Non-high Poverty Schools	Poverty-Eligible Schools	Non-high Poverty Schools	>50% Free and Reduced Price Lunch	Non-high Poverty Schools	Poverty-Eligible Schools(1)
4	K-3 Class Size	25.23	NA	15	15	15	15
5	4-6 Class Size	27.01	NA	25	22	25	22
6	7-8 Class Size	28.70	NA	25	23	25	23
7	9-12 Standard Class Size	29.13	NA	25	22	25	23 (2)
8	MS or HS Exploratory Voc	23.83	NA	19	19	19	19
9	MS or HS Preparatory Voc / Skills Center	24.24/20.76	NA	16	16	16	16
10	Lab Science	29.13	NA	19	19	19	19
11	AP/IB	29.13	NA	19	19	19	19

[1] The FFTWG is defining an eligibility trigger; this proposal assumes a trigger aligned with the FFTWG recommendation once complete.

[2] Could not identify research that would indicate the High School class size should be lower than Middle School class size.



Student and Staff Schedule

1	2	3	4	5	6	7	8	9	10	11
2		Current Law			BEFTF			Dorn 9-29-09		
3		E	M	H	E	M	H	E	M	H
5	Instructional Blocks	NA			5	6	6	5	6	6
6	Teacher Course Load	NA			4	5	5	NA	5	5
7	Planning Time Expressed as %	NA			17%	17%	20%	15% (1)	20%	20%

[1] Based on initial feedback from FFTWG, but subject to final recommendations.



Cost of Proposed Class Size

- Assumes All-day Kindergarten is already implemented
- Value of I-728 would reduce cost
- Technical issues:
 - Headcount to FTE translation
 - Cost is overstated slightly b/c of grade 4

	Additional Teachers	Cost in Millions
Standard Schools	10,416	\$733.5
High Poverty Schools	1,253	\$88.2
Subtotal	11,669	\$821.7
Reduce CTE, Lab, AP/IB Class Size Further	1,944	\$140.4
Total	13,663	\$962.1



Educational Staff Support

- Principals and School Leadership
 - Teacher Librarians
 - Guidance Counselors
 - Nurses, Social Workers, and Other
 - Professional Development Coaching
 - Instructional Aides
1. Maintain leadership at current levels
 2. Return librarians to schools; keep libraries open
 3. Provide Guidance to prevent drop-out
 4. Increase health services in respond to extensive increases in requirements
 5. Coaches improve learning
 6. Include standard level of assistance via Instructional Aides



Educational Support

1	2	3	4	5	6	7	8	9	10	11
2		Current Law			BEFTF			Dorn 9-29-09		
3		E	M	H	E	M	H	E	M	H
4	Principals and other School Administration	.95	1.40	2.06	1.2	1.3	1.8	1.0	1.4	2.0
5	Teacher Librarians and Media Specialists	.66	.52	.52	1.0	1.0	1.0	1.0	1.0	1.0
6	Guidance Counselors and Parent Outreach	.49	1.12	1.89	0	1.0	1.5	.5	2.0	3.5
7	Student Health, Social Workers and Other	.14	.08	.32	1.0	1.0	1.0	1.0	1.0	1.0
8	Professional Development Coach	.08	.10	.16	.5	.5	.75	.5	.5	.75
9	Instructional Aides	1.26	.48	.68	0	0	0	2	1	1
10	Total	3.58	3.70	5.63	3.70	4.80	6.05	6.00	6.90	9.25
11	Increase over Current				3%	30%	7%	68%	86%	64%



Teacher Librarians or Media Specialists

Teacher Librarian and Media Specialist FTEs						
		Staff per 1,000 Students	Elementary (400)	Middle (432)	High (600)	Notes
1	QEC Recommendation		Pending	Pending	Pending	
2	Dorn Proposal 9/29/09	2.16	1.0	1.0	1.0	
3	Finance Task Force	2.16	1.0	1.0	1.0	
4	Washington Learns	2.07	0.93	0.96	1.0	
5	Basic Education Level (RCW 28A.150.260)	1.24	0.66	0.52	0.52	
6	Oregon Quality Education Model		*	0.86	1.0	*Part of 5.3 FTE for specialists in areas such as art, music, PE, reading, math, TAG, library, ESL and child development.
7	Dorn Proposed Cost Over 1.24 per 1,000	\$59.7 million annually				



Guidance Counselors

Guidance Counselor FTEs					
		Staff per 1,000 Students	Elementary (400)	Middle (432)	High (600)
1	QEC Recommendation		Pending	Pending	Pending
2	Dorn Proposal 9/29/09	3.9	0.5	2.0	3.5
3	Finance Task Force	1.6	0	1.0	1.5
4	Washington Learns	2.57	0	1.6	2.4
5	Basic Education Level (RCW 28A.150.260)	2.32	0.49	1.12	1.89
6	Oregon Quality Education Model	2.57	0	1.6	2.4
7	American School Counselor Association	4.0	1.6	1.6	2.4
8	Dorn Proposed Cost Over 2.32 per 1,000	\$82.1 million annually			



Student Health and Social Services

Health Services FTEs							
		Staff per 1,000 Students	Elementary (400)	Middle (432)	High (600)	Notes	
1	QEC Recommendation		Pending	Pending	Pending		
2	Dorn Proposal 9/29/09	2.16	1.0	1.0	1.0		
3	Finance Task Force	2.16	1.0	1.0	1.0		
4	Washington Learns	3.80	1.52	1.64	2.28	Based on 1 FTE per 100 FRPL students, with a minimum of 1 FTE per school	
5	2007 Interim Legislative Task Force on Comprehensive School Health Reform	.67	.27	.29	.40	Recommended nurse ratio of 1/1,500 students for districts greater than 2,000 students	
6	Basic Education Level (RCW 28A.150.260)	.36	0.14	0.08	0.32		
7	School Social Workers Association of America	2.50	1.0	1.08	1.50	Recommended SW ratio of 1/400 students	
8	National Association of School Nurses	1.33	0.53	0.58	0.80	Recommended nurse ratio of 1/750 students	
9	Dorn Cost Over .36 per 1,000	\$123.9 million annually					



Professional Development Coaches

7. Professional Development Coach FTEs						
		Staff per 1,000 Students	Elementary (400)	Middle (432)	High (600)	Notes
1	QEC Recommendation		Pending	Pending	Pending	
2	Dorn Proposal 9/29/09	1.22	0.5	0.5	0.75	
3	Finance Task Force	1.22	0.5	0.5	0.75	
4	Washington Learns	5.00	2.0	2.16	3.0	Staff also served as instructional technology trainers
5	Basic Education Level (RCW 28A.150.260)	0.23	0.08	0.10	0.16	
6	Oregon Quality Education Model	1.49	0.59	0.86	0.60	
7	Dorn Cost over .23 per 1,000 Students	\$68.7 million annually				



Instructional Aides

Instructional Aides (Classified FTEs)						
		Staff per 1,000 Students	Elementary (400)	Middle (432)	High (600)	Notes
1	QEC Recommendation		Pending	Pending	Pending	
2	Dorn Proposal 9/29/09	2.99	2.0	1.0	1.0	
3	Finance Task Force	0	0	0	0	
4	Washington Learns*	1.67	0	0	1.0	1.0 FTE for library tech. at high school level
5	Basic Education Level (RCW 28A.150.260)	1.8	1.26	0.48	0.68	
6	Oregon Quality Ed Model (caution, includes Office Support)	19.38	7.06	8.64	12.30	FTEs for secretary, spec ed. asst's, records clerk, parent involvement, playground supervisor, technology specialist and other classified positions
7	Dorn Cost Over 1.8/1000	\$90.0 million annually				



All Other School Staff

- Office support and Non-Instructional Aides
 - Facility Maintenance
 - Student, Staff and Facility Security
1. Provide adequate school support for reporting requirements and school management
 2. Dramatically increase support for facilities maintenance; \$1.9 billion in ready repairs
 3. Provide support for state safety requirements and prevention



All Other School Staff

1	2	3	4	5	6	7	8	9	10	11
2		Current Law			BEFTF			Dorn 9-29-09		
3		E	M	H	E	M	H	E	M	H
4	Office Support (Secretaries, Data, Enrollment); Non- instructional aides	2.74	1.65	3.52	3.0	3.0	3.0	3.0	3.5	3.5
5	Maintenance (Custodians, Building, Grounds)	1.67	3.18	3.64	4.0	4.0	4.0	4.0	4.0	4.0
6	Student, Staff, and Facility Security	.18	.34	.39	1.0	1.0	1.0	0	.75	1.25
7	Total	4.59	5.17	7.55	8.00	8.00	8.00	7.00	8.25	8.75
8	Increase Over Current				74%	55%	6%	53%	60%	16%

Dorn Proposed Office Support Over Current: \$68.9 million



Facilities Maintenance

Facilities Maintenance FTEs						
		Staff per 1,000 Students	Elementary (400)	Middle (432)	High (600)	Amount per Student for Supplies
1	QEC Recommendation		Pending	Pending	Pending	
2	Dorn Proposal 9/29/09	8.64	4.0	4.0	4.0	\$161
3	Finance Task Force	8.64	4.0	4.0	4.0	\$130-150
4	Washington Learns	8.60	3.44	3.72	5.16	\$39
5	District Practice	5.87	2.35	2.54	3.52	\$161
6	Operating Budget Level	5.99	1.70	3.25	3.72	\$72.35
7	Basic Education Level (RCW 28A.150.260)	5.87	1.67	3.18	3.64	\$72.35
8	Dorn Proposed Over 5.87 staff per 1,000	\$239.2 million annually				



Security and Safety

Security FTEs						
		Staff per 1,000 Students	Elementary (400)	Middle (432)	High (600)	Notes
1	QEC Recommendation		Pending	Pending	Pending	
2	Dorn Proposal 9/29/09	1.27	0	0.75	1.25	
3	Finance Task Force	2.16	1.0	1.0	1.0	
4	Washington Learns	.2	.08	.09	.12	Funded as part of Maintenance, Supplies, and Operating Cost allocation (\$13/student); equivalent to .2 staff per 1.100 students.
7	Basic Education Level (RCW 28A.150.260)	.63	0.18	0.34	0.39	
8	Dorn Proposed Over .63 per 1,000 Students	\$26.0 million annually				



Learning Assistance Model

- Provide opportunity for students to learn state standards
- LAP increases have not kept up with inflation; roughly constant buying power with 1994
- Poverty driven formula; but use not restricted to income-eligible

Assistance for Struggling Students			
Extended-Day Tutoring Assistance	Additional Hours per Week	Size of Class	
Elementary School	2	5	
Middle School	2	5	
High School	2	5	
Extended Year (summer school)	Additional Hours per Week	Size of Class	Number of Weeks
Elementary School	10	10	4
Middle School	10	10	4
High School	10	10	4



Learning Assistance Program

Learning Assistance Program FTEs Allocated by the Formula Scheme of Each Funding Level (Costs Below Do Not Include Value of Instructional Materials Recommendations)

		Value of Program in 2008-09 \$	Elementary (400)	Middle (432)	High (600)	Notes
1	QEC Recommendation		Pending	Pending	Pending	
2	Dorn Proposal 9/29/09(*)	\$527.6 M	3.10	3.34	4.64	
3	Finance Task Force(*)	\$527.6 M	3.10	3.34	4.64	FTEs for extended day and summer school
4	Washington Learns	\$688.2 M	4.04	4.36	6.06	FTEs for extended day, summer school and tutors
5	Basic Education Level (RCW 28A.150.260)	\$123.7 M				I-728 and federal Title I funding is not included here
6	Oregon Quality Ed Model		Assumes additional instructional time for 20% of students; but cost not included in model.			
7	Dorn Proposed Cost	\$403.9 million annually				



Assistance for English Language Learners

- Provide opportunity for students to learn state standards
- Funding has improved only slightly but roughly same buying power as in 1994
- Eligibility driven formula

1	2	3	4	5	6	7	8
2		Current Law		BEFTF		Dorn 9-29-09	
3		Elem	Middle/ High	Elem	Middle/ High	Elem	Middle/ High
4	Percent of Time in ELL Classroom	Crosswalk Not Complete		20%	17%	20%	17%
5	Class Size in ELL Classroom			8	8	8	8



Assistance for English Language Learners

English Language Learner Program FTEs Allocated by the Formula Scheme of Each Funding Level (Costs Below Do Not Include Value of Instructional Materials Recommendations)

		Value of Program in 2008-09 \$	Elementary (400)	Middle (432)	High (600)	Notes
1	QEC Recommendation		Pending	Pending	Pending	
2	Dorn Proposal 9/29/09*	\$155.0 M	1.00	.88	1.22	
3	Finance Task Force*	\$155.0 M	1.00	.88	1.22	Assumes 8% ELL
4	Washington Learns	\$54.6 M	.32	.35	.48	Assumes 8% ELL; 1 per 100 students
5	Basic Education Level (RCW 28A.150.260)	\$75.0 M				
6	Oregon Quality Education Model		1.18	.65	.30	Assumes 11% ELL
7	Dorn Proposed Cost	\$80.1 million annually				



Materials, Supplies, Operating Costs

- State survey results on Basic Education expenditures are dismal
 - State pays for 47% of costs
 - 46 districts have nothing left after they pay utilities and insurance (17,000 students)
 - State pays for an 18-year curriculum adoption cycle
 - 5% of K-5 students w/ mathematics curriculum from state menu
- Proposal
 - True cost of utilities/insurance
 - 6-year adoption cycle
 - Student technology market basket of goods
 - Inflate each category based on related inflation measure



Materials, Supplies, Operating Costs

1	2	3		5	6	7
2		Current Law	District Expenditures on Basic Education	BEFTF	Dorn 9-29-09	Proposed Inflation Factor
3	Technology	\$53.75	\$113.80	\$200	\$223	Basket of Goods
4	Textbooks and Consumable Curriculum	\$57.70	\$122.17	\$155	\$190	Basket of Goods
5	Library and Other Supplies	\$122.52	\$259.39	Included above	\$260	Implicit Price Deflator
6	Professional Development	\$8.82	\$18.89	\$103	\$103	Implicit Price Deflator
7	Utilities/Insurance	\$146.05	\$309.21	\$216	\$309	Weighted for Utilities Index and Insurance Index
8	Central or Districtwide Support	\$50.12	\$98.64	\$310	\$99	Implicit Price Deflator
9	Facilities Maintenance	\$72.35	\$160.66	\$102	\$161	Implicit Price Deflator
10	Total	\$511.42	\$1,082.76	\$1,086	\$1,345	
	Total/Cost (Millions)	\$463.2	\$980.6	\$983.5	\$1,218.1	Total/Cost
	Increase (Millions)		\$517.4	\$520.4	\$754.9	Increase



Professional Development

- Resources calculated based on Certificated Instructional Staff, available for expenditure for all Instructional Staff

1	2	3	4	5
2		Current Law	BEFTF	Dorn 9-29-09
3	Learning Improvement Day	1	10	10
4	Cost of 9 Learning Improvement Days	\$221.7 million annually		
5	1 Mentor for every teachers in their first 3 years of teaching	0	3	Unknown at this time



Total Rough Estimate of Cost

	Annual Cost in Millions
Class Size Standard	\$733.2
Class Size Poverty Reduction	88.2
Enhanced Class Size for CTE, Lab Science, AP/IB	140.4
Teacher Librarians	59.7
Guidance Counselors	82.1
Health and Other	123.9
Professional Development Coaches	68.7
Instructional Aides	90.0
Facilities Maintenance	239.2
Security and Safety	26.0
LAP/ELL	484.0
Operating Costs (MSOC)	754.9
Professional Development	221.7
All Other	94.8
Total	\$3,206.8

