

2018-19 Community Series

June 20, 2018

WELCOME

BUDGET AGENDA

- I. Student Enrollment Forecasting Models
- II. Differences between certificated, classified and administrative staffing
- III. Prototypical School Model (staffing based funding formula)
- IV. Comparison of actual district staffing with PSM
- V. Use of Local Levy Funds
- VI. Impact of Negotiated Contracts on budgets

Factors affecting 2018-19 Budget

- Student Enrollment
- Major Change to Funding Model
- Negotiations after July 10th
- Vague legislative language

Some Good News

- Increased State Funding
- Enrollment appears to be leveling off

Budget Considerations

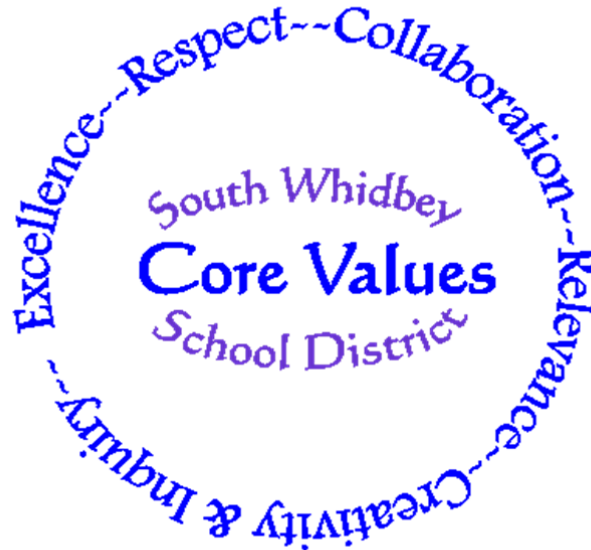
VISION

Every student is a successful independent learner, empowered for life in the global society of the 21st century.

MISSION

In partnership with our community, we are deeply committed to provide our students with the best educational experience preparing them to become capable, creative, caring and responsible citizens.

CORE VALUES



Budget Considerations

STRATEGIC DIRECTIONS

We use our resources wisely and creatively.

Effect of COLLECTIVE BARGAINING AGREEMENTS

On Budget Development

CLASS SIZE

Recommended class size for any grade level shall be:

- 22 studentsK
- 24 students1-2
- 25 students3-5
- 26 students6th grade
- Grades 7-12 ...27 x the number of teaching periods

Collective Bargaining Agreements

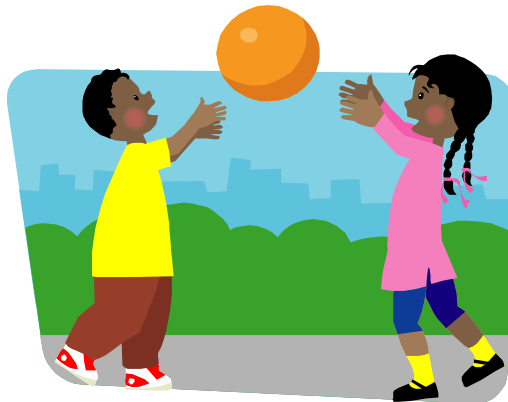
Extended Days

- Middle and High School Counselors
- SWA Director
- Librarians
- Nurses
- Occupational Therapists (OT)
- Physical Therapists (PT)
- Psychologists
- Special Education Teachers
- Speech Language Pathologists (SLP)
- Career and Technical Education (CTE)
- Professional Development

Collective Bargaining Agreements

- TRI PAY - Professional Responsibility Stipends
- Various stipends for additional time
- Vacation Pay
- Personal Leave Days
- Medical Insurance allocation above the state allocation
- Salaries not connected to a state salary schedule
 - Classified & Administrative salary schedule
 - 2018-19 - No State Salary Schedule for certificated staff

ENROLLMENT



ENROLLMENT Projection - Models

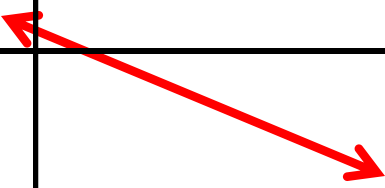
Straight Rollover—This model moves the enrollment for each grade forward one year without taking into account historical changes. This is the least effective model of enrollment projection.

Straight Cohort Survival—The concept recognized as the cornerstone of all enrollment forecasting is the mathematical model called cohort survival. This non-weighted method calculates the number of students that move from a lower grade to the next higher grade (the following year). The historical change of students is averaged for each grade level over the number of years used. This average is used to multiply the latest's year's enrollment to obtain the enrollment of the future.

Weighted Cohort Survival—This model is similar to the straight cohort survival model but adds more weight to recent years. By simply applying another calculation you can allow recent years to provide the most influence in the projection. If five years are used as a base for history, they may be weighted $(x_1-x_2-x_3-x_4-x_5)/15$ with the most recent year carrying the most weight.

ENROLLMENT Projection - Rollover

Grade	2017-18	2018-19
K	83.0	83.0
1	81.0	83.0
2	85.0	81.0



ENROLLMENT Projection – Straight Cohort

			<i>1 Year Survival Cohort</i>	Est.
	Enrollment	Enrollment		Enrollment
Grade	2015-16	2016-17		2017-18
3	82	76	0.85	68
4	91	98	1.20	= 91

ENROLLMENT Projection – Weighted Cohort

		5 Year	Est
	Enrollment	Average	Enrollment
Grade	2017-18	Cohort	2018-19
K	78.00	0.91	83.00
1	84.34	1.06	82.77
2	92.26	1.05	88.27
3	88.83	1.05	97.33

$$= ((2017-18 * 5) + (2016-17 * 4) + (2015-16 * 3) + (2014-15 * 2) + 2013-14 * 1) / 15$$

ENROLLMENT Projections

		Estimated 2018-19				
Grade	Estimated 2017-18	1 Yr Cohort	2 Yr Cohort	3 Yr Cohort	5 Yr Cohort	Rollover
K	79.7	78.50	78.50	78.50	78.50	78.54
1	82.9	82.48	87.12	87.10	83.90	79.70
2	88.9	82.68	87.74	80.04	85.81	82.90
3	81.5	86.07	80.97	83.30	93.83	88.90
4	91.5	88.51	85.41	81.71	81.03	81.48
5	101.0	94.10	90.74	92.50	96.98	91.49
6	109.9	106.46	107.17	106.78	105.14	101.02
7	116.8	112.90	118.08	111.21	111.52	109.89
8	115.4	120.91	111.84	113.94	121.42	116.85
9	119.3	135.24	124.53	121.47	122.56	115.36
10	126.2	120.98	119.11	116.40	116.11	119.27
11	94.1	100.02	112.24	108.36	123.51	126.23
12	102.9	92.84	84.82	88.89	83.91	94.12
Total	1,310.1	1,301.69	1,288.27	1,270.21	←→ 1,304.21	1,285.75

Apportionment



x Staffing Ratio =

Certificated Staff

Classified Staff

Administrators



FUNDED



Prototypical School Model

Allocation Model for State Funding

Funding Allocation – Basic Education

- Prototypical School Model (PSM) determines number of staff units funded based on actual student enrollment (September – June).
- Number of staff funded multiplied by the per staff funding allocation (CIS/CLS/CAS) equals the actual state funding allocation.
- Funding allocation levels has nothing to do with actual staffing levels.
- Categorical programs – Food Service, Transportation, Federal Grants are not determined using this methodology.

OSPI Employee Classifications

CIS – Certificated Instructional Staff

CLS – Classified Staff

CAS – Certificated Administrative Staff

Prototypical School Model

	Elementary	Middle	High
Student FTE	400	432	600
Principals	1.253	1.353	1.880
Librarians	0.663	0.519	0.523
Health Services	0.135	0.068	0.118
Guidance Counselors	0.493	1.216	2.539
Classified Instructional Assistants	0.936	0.700	0.652
Office Support	2.012	2.325	3.269
Custodian	1.657	1.942	2.965
Classified Safety Staff	0.079	0.092	0.141
Parent Involvement Coordinators	0.083	0.000	0.000

Prototypical School Model

Classroom Teachers 1/xx.xx	
	Avg Class Size
Grades K-3	17.00
Grade 4	27.00
Grades 5-6	27.00
Grades 7-8	28.53
Grades 9-12	28.74

Prototypical School Model


I. Formulated Staffing Units (K-6)	<u>Funded</u>	
1. Principals	1.939	
[Enroll K-6] * [Principal Elem] / [Proto Enroll Elem]		
618.90 x 1.253 / 400 = 1.939		
a. Grades K-3	22.407	
([Enroll K-3] / [Comp Class Size K-3]) * (1 + [Planning K-3])		
(329.8 / 17) x (1 + .155) = 22.407		
c. Grade 4	3.786	
([Enroll 4] / [Class Size 4]) * (1 + [Planning 4])		
(88.5 / 27) x (1 + .155) = 3.786		
d. Grades 5-6	8.581	
([Enroll 5-6] / [Class Size 5-6]) * (1 + [Planning 5-6])		
(200.6/27) x (1 + .155) = 8.581		

Funding Allocation for Grades **INCLUDES** Specialists – Not just Classroom teachers

Prototypical School Model

I. Formulated Staffing Units (K-6)	<u>Funded</u>	___
3. Teacher Librarians	1.026	
[Enroll K-6] * [Librarian Elem] / [Proto Enroll Elem]		
(618.9 x .663) / 400 = 1.026		
4. Guidance Counselors	0.763	
[Enroll K-6] * [Counselor Elem] / [Proto Enroll Elem]		
(618.9 x .493) / 400 = 0.763		
5. Health And Social Services - School Nurse	0.118	
[Enroll K-6] * [Nurse Elem] / [Proto Enroll Elem]		
(618.9 x .135) / 400 =.118		

How many staff are funded through the Prototypical School Model?

	Principal - Bldg	Cert - Bldg	Class - Bldg	Class - DW	Admin - DW
Elementary	1.939	36.772	7.375	-	-
Middle	0.732	10.809	2.738	-	-
High School	1.154	18.010	4.315	-	-
District Wide	-	-	-	7.005	1.237
CTE	0.241	4.143	1.086	0.196	0.075
STATE GRANTS	-	2.804	-		-
SPED	-	8.319		2.166	0.448
	4.066	80.857	15.514	9.367	1.760

Why Special Education isn't considered fully funded....

State Special Education (K-21)	Funded Salary	Average Salary	FTE Funded
CLS Salary Maint Total	101,323	46,784	2.166

How does SWSD compare with the Prototypical School Model?

	State Funded	Federal Funded	District FTE	Levy Funded
Principal	4.066	-	5.000	0.934
Certificated	80.857	4.500	90.039	4.682
Classified*	24.881	-	47.169	22.288
District Admin	1.760	-	3.000	1.240
	111.564	4.500	145.208	29.144

State Funding compared with District Salary Costs

****Average Salary representation for 2018-19 is based on 3.1% CPI increase and movement on current salary schedules**

Historical Staffing Levels

Fiscal Year	Enrollment	CERTIFICATED	CLASSIFIED	ADMIN/DIR.	Total	CHG
2010-11	1,602	88.23	56.41	8.00	152.64	(21.5)
2011-12	1,508	87.59	54.10	8.00	149.69	(3.0)
2012-13	1,463	85.12	50.57	8.00	143.69	(6.00)
2013-14	1,418	83.82	51.04	8.00	142.86	(0.82)
2014-15	1,399	86.87	54.19	8.00	149.05	6.19
2015-16	1,339	86.57	57.36	8.00	151.93	2.87
2016-17	1,320	86.57	52.96	8.00	147.53	(4.40)
2017-18	1,310	87.24	52.23	8.00	147.46	(0.07)
2018-19	1,296	90.04	55.55	8.00	153.58	6.12

Funding is based on Student Enrollment.....

How does SWSD salaries compare with the NEW state funding model?

<i>2018-19 CIS Funding Allocaton</i>	
65,216	State Base Salary
15,652	Regionalization (24%)
\$ 80,868	

How does SWSD salaries compare with the NEW state funding model?

	FTE	Avg Salary	State Funded Salary	Levy Funded
CIS	90.039	83,078	80,868	2,210.0
CAS	8.000	126,241	96,805	29,436.0

Staffing underfunded by the the Prototypical School Model?

	FTE	Avg Salary	Levy Funded
CIS	90.039	2,210	198,986
CAS	8.000	29,436	235,488
			434,474
		(23.85%)	103,622
			538,096

How does SWSD compare with the Prototypical School Model?

	State Funded	Federal Funded	District FTE	Levy Funded
Principal	4.066	-	5.000	0.934
Certificated	80.857	4.500	90.039	4.682
Classified*	24.881	-	47.169	22.288
District Admin	1.760	-	3.000	1.240
	111.564	4.500	145.208	29.144

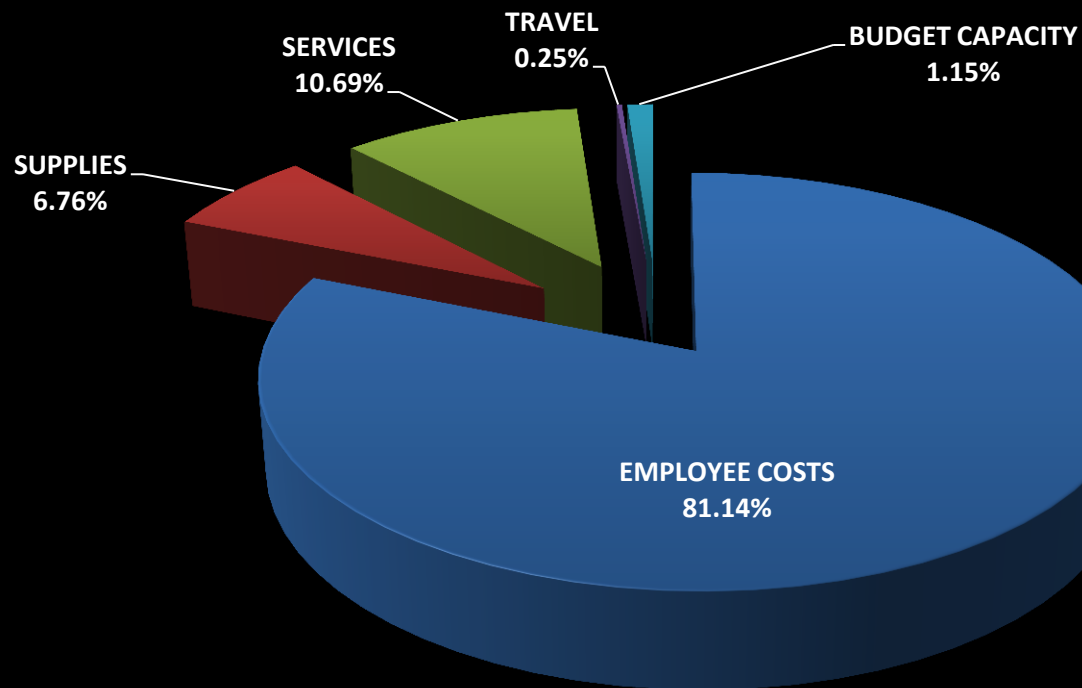
Salaries & Benefits

	2017-18	
		% of Salary
All Salaries	11,011,062	
Medical Insurance	1,780,314	16.17%
Labor & Industries	124,486	1.13%
Fica/Medicare	842,346	7.65%
Retirement	1,693,244	15.38%
Long Term Disability Insurance	14,300	0.13%
Helth Care Authority	128,913	1.17%
TOTAL BENEFITS	4,583,603	41.63%
TOTAL	15,594,665	

Staffing not funded by the Prototypical School Model

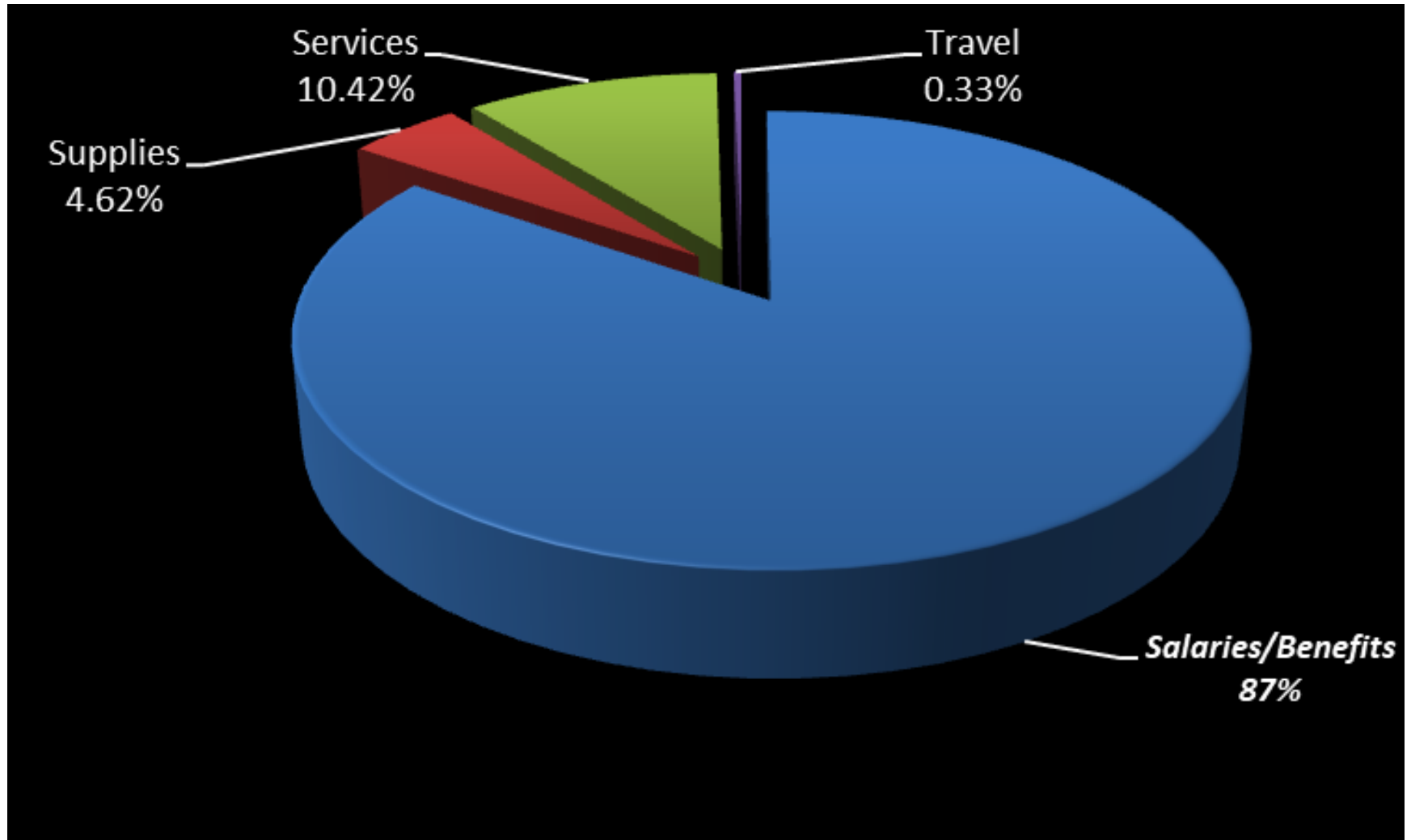
	FTE	Avg Salary	Levy Funded
CLS	22.288	48,886	1,089,571
CIS	4.682	83,078	388,971
CAS	2.174	126,241	274,448
	29.144		1,752,990
		(41.63%)	729,770
			2,482,760

Expenditures – by OBJECT Code 2011-12



**Expenditures by Object Code
2011-12 Budget**

Expenditures – by OBJECT Code April 2018



Use of Local Levy Revenue

Athletic Coaching Stipends & Travel Costs

Staff not funded or underfunded by State or Federal Funds

Underfunded MSOCs (Utilities/Insurance)

Food Service Expenditures

Pupil Transportation Expenditures

Negotiated Expenditures

Health Insurance Increases

Paid Leave

Vacation Pay

TRI Pay

Additional Time

Professional Development

Etc.

Example of Local Levy Funding

- 1. Substitutes \$ 36,850.96
- [Teachers FTE] * [Substitutes Days] * [Substitutes Rate]
- 60.666 * 4.000 * 151.86

District Cost - <i>Substitutes, Leave, Additional Time, etc</i>	529,298
<i>Local Levy Funded</i>	<i>(492,447)</i>

Example of Local Levy Funding

<i>Allocation</i>	\$362.05	x	1329.10	=	\$ 481,200.66
<i>Expenditure</i>					
Utilities (2016-17)					\$ 435,587.20
Insurance (WSRM - 2018-19)					\$ 197,959.00
					\$ 633,546.20
					\$ (152,345.55)

Additional ideas and/or Comments

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