



CropperGIS

**Frederick County Public Schools
Butterfly Ridge ES
Redistricting Study**

**Staff Recommendation and Options for
Relieving Waverly Enrollment**

Revised 5/19/2017

Elementary Statistics

Table 1:

School Name	Grade Config	SRC ¹	2016-17 Equated Enrollment ²	2016-17 Total Enrollment	2016-17 Live-In ³	Recommendation Live-In Enrollment ³	Recommendation Forecasted 2018-19 Total Enrollment ³	Recommendation Forecasted 2018-19 Equated Enrollment Utilization ²
Ballenger Creek ES	Pre K-5	663	647	665	663	663	626	91%
Butterfly Ridge ES	Pre K-5	725				634	664	87%
Carroll Manor ES	Pre K-5	618	533	556	569	597	580	89%
Hillcrest ES	Pre K-5	670	906	972	1137	729	654	90%
Lincoln ES	Pre K-5	633	567	599	677	655	642	96%
Orchard Grove ES	Pre K-5	639	662	693	724	553	660	100%
Parkway ES	K-5	248	212	212	132	216	186	75%
Tuscarora ES	K-5	662	781	781	893	692	722	109%
Valley ES	Pre K-5	504	388	399	349	529	537	103%
Waverley ES	Pre K-5	416	593	634	731	600	696	158%
Whittier ES	Pre K-5	671	707	756	785	785	726	101%
Total		6449	5996	6267	6660	6653	6693	99%

Table 2:

School Name	Grade Config	SRC ¹	2016-17 Equated Enrollment ²	2016-17 Total Enrollment	2016-17 Live-In ³	Option A Live-In Enrollment ³	Option A Forecasted 2018-19 Total Enrollment ³	Option A Forecasted 2018-19 Equated Enrollment Utilization ²
Ballenger Creek ES	Pre K-5	663	647	665	663	663	626	91%
Butterfly Ridge ES	Pre K-5	725				838	826	108%
Carroll Manor ES	Pre K-5	618	533	556	569	597	580	89%
Hillcrest ES	Pre K-5	670	906	972	1137	729	654	90%
Lincoln ES	Pre K-5	633	567	599	677	655	642	96%
Orchard Grove ES	Pre K-5	639	662	693	724	553	660	100%
Parkway ES	K-5	248	212	212	132	216	186	75%
Tuscarora ES	K-5	662	781	781	893	692	722	109%
Valley ES	Pre K-5	504	388	399	349	529	537	103%
Waverley ES	Pre K-5	416	593	634	731	396	533	121%
Whittier ES	Pre K-5	671	707	756	785	785	726	101%
Total		6449	5996	6267	6660	6653	6692	99%

Student Data as of 9/30/2016

¹ SRC stands for State Rated Capacity. Total SRC includes the capacity for the new Butterfly Ridge ES.

² 2016-17 Equated Enrollment and Utilization counts Pre-K as 1/2 of a full time student.

³ 2016-17 Live-In, Recommended Live-In, and Options A & B Live-In counts the Non-Challenges PK-5 living within each boundary, with the exception of Tuscarora and Whittier ES. Parkway and Tuscarora's counts the Non-Challenges K-5 living within the boundary. Whittier's counts the Non-Challenges PK-5 living within the boundary, plus the PK living within the Yellow Springs ES boundary. Carroll Manor's counts PK-5 living within the boundary, plus the PK living within the Tuscarora ES boundary, plus the Challenges PK-5 students regardless of where they live.

Table 3:

School Name	Grade Config	SRC ¹	2016-17 Equated Enrollment ²	2016-17 Total Enrollment	2016-17 Live-In ³	Option B Live-In Enrollment ³	Option B Forecasted 2018-19 Total Enrollment ³	Option B Forecasted 2018-19 Equated Enrollment Utilization ²
Ballenger Creek ES	Pre K-5	663	647	665	663	663	626	91%
Butterfly Ridge ES	Pre K-5	725				671	757	99%
Carroll Manor ES	Pre K-5	618	533	556	569	597	580	89%
Hillcrest ES	Pre K-5	670	906	972	1137	729	654	90%
Lincoln ES	Pre K-5	633	567	599	677	655	642	96%
Orchard Grove ES	Pre K-5	639	662	693	724	553	660	100%
Parkway ES	K-5	248	212	212	132	216	186	75%
Tuscarora ES	K-5	662	781	781	893	692	722	109%
Valley ES	Pre K-5	504	388	399	349	529	537	103%
Waverley ES	Pre K-5	416	593	634	731	563	585	133%
Whittier ES	Pre K-5	671	707	756	785	785	726	101%
Total		6449	5996	6267	6660	6653	6675	99%

Student Data as of 9/30/2016

¹ SRC stands for State Rated Capacity. Total SRC includes the capacity for the new Butterfly Ridge ES.

² 2016-17 Equated Enrollment and Utilization counts Pre-K as 1/2 of a full time student.

³2016-17 Live-In, Recommended Live-In, and Options A & B Live-In counts the Non-Challenges PK-5 living within each boundary, with the exception of Tuscarora and Whittier ES. Parkway and Tuscarora's counts the Non-Challenges K-5 living within the boundary. Whittier's counts the Non-Challenges PK-5 living within the boundary, plus the PK living within the Yellow Springs ES boundary. Carroll Manor's counts PK-5 living within the boundary, plus the PK living within the Tuscarora ES boundary, plus the Challenges PK-5 students regardless of where they live.

Table 4:

School Name	Grade Config	2016-17 PK-5 Enrolled FARM %	2016-17 Live-In FARM % ³	Recommendation Estimated FARM %	Option A Estimated FARM %	Option B Estimated FARM %
Ballenger Creek ES	Pre K-5	43%	41%	41%	41%	41%
Butterfly Ridge ES	Pre K-5			58%	64%	59%
Carroll Manor ES	Pre K-5	13%	12%	15%	15%	15%
Hillcrest ES	Pre K-5	88%	81%	86%	86%	86%
Lincoln ES	Pre K-5	77%	67%	72%	72%	72%
Orchard Grove ES	Pre K-5	43%	42%	43%	43%	43%
Parkway ES	K-5	25%	21%	31%	31%	31%
Tuscarora ES	K-5	36%	35%	42%	42%	42%
Valley ES	Pre K-5	30%	32%	23%	23%	23%
Waverley ES	Pre K-5	77%	71%	75%	71%	75%
Whittier ES	Pre K-5	35%	36%	36%	36%	36%
Total		51%	49%	49%	49%	49%

Student Data as of 9/30/2016

³2016-17 Live-In ,Recommended Live-In, and Options A & B Live-In counts the Non-Challenges PK-5 living within each boundary, with the exception of Tuscarora and Whittier ES. Parkway and Tuscarora's counts the Non-Challenges K-5 living within the boundary. Whittier's counts the Non-Challenges PK-5 living within the boundary, plus the PK living within the Yellow Springs ES boundary. Carroll Manor's counts PK-5 living within the boundary, plus the PK living within the Tuscarora ES boundary, plus the Challenges PK-5 students regardless of where they live.

Table 5:

School Name	Recommendation Projected ES Students from Active Developments ⁴	Option A Projected ES Students from Active Developments ⁴	Option B Projected ES Students from Active Developments ⁴
Ballenger Creek ES	131	131	131
Butterfly Ridge ES	101	101	144
Carroll Manor ES	3	3	3
Hillcrest ES			
Lincoln ES	49	49	49
Orchard Grove ES	97	97	97
Parkway ES	2	2	2
Tuscarora ES	177	177	177
Valley ES	32	32	32
Waverley ES	43	43	
Whittier ES	21	21	21
Total	656	656	656

⁴Active Developments reflect developments that have been approved and where building construction has started. These include developments with an attribute of "Active", "Done" or "Stagnant" in the Active Developments data.

Table 6:

Option	Number Living in Walk Zones
2016-17	3009
Recommendation	3069
Option A	2865
Option B	3069

Student Data reflects the 9/30/2016 official enrollment. These counts show the PK-5 Students that live within the walkzones for 2016-17 and in the recommendation. K-5 Students were counted within the Tuscarora and Parkway walkzones.

Table 7:

2016-17 Elementary to Middle School Option Feeder Patterns			
ES 2016-17 Zone	MS 2016-17 Zone	Total PK-5 Live In	ES Attendance Percent
Ballenger Creek ES	Ballenger Creek MS	507	76%
Ballenger Creek ES	Crestwood MS	159	24%
Carroll Manor ES	Ballenger Creek MS	329	64%
Carroll Manor ES	Brunswick MS	182	36%
Hillcrest ES	West Frederick MS	1139	100%
Lincoln ES	Crestwood MS	304	45%
Lincoln ES	West Frederick MS	376	55%
Orchard Grove ES	Ballenger Creek MS	333	46%
Orchard Grove ES	Crestwood MS	393	54%
Parkway ES	West Frederick MS	139	100%
Tuscarora ES	Ballenger Creek MS	279	30%
Tuscarora ES	Crestwood MS	647	70%
Valley ES	Brunswick MS	349	100%
Waverley ES	Monocacy MS	731	100%
Whittier ES	West Frederick MS	761	100%

Table 8:

Recommendation Elementary to Middle School Option Feeder Patterns			
ES Recommendation Zone	MS Recommendation Zone	Total PK-5 Live In	ES Attendance Percent
Ballenger Creek ES	Ballenger Creek MS	507	76%
Ballenger Creek ES	Crestwood MS	159	24%
Butterfly Ridge ES	Crestwood MS	286	45%
Butterfly Ridge ES	Monocacy MS	349	55%
Carroll Manor ES	Ballenger Creek MS	543	100%
Hillcrest ES	West Frederick MS	731	100%
Lincoln ES	Crestwood MS	297	45%
Lincoln ES	West Frederick MS	361	55%
Orchard Grove ES	Ballenger Creek MS	333	60%
Orchard Grove ES	Crestwood MS	221	40%
Parkway ES	West Frederick MS	230	100%
Tuscarora ES	Ballenger Creek MS	215	30%
Tuscarora ES	Crestwood MS	504	70%
Valley ES	Brunswick MS	531	100%
Waverley ES	Monocacy MS	600	100%
Whittier ES	West Frederick MS	761	100%

Table 9:

Elementary Option A to Recommendation Middle School Option Feeder Patterns			
ES Option A Zone	MS Recommendation Zone	Total PK-5 Live In	ES Attendance Percent
Ballenger Creek ES	Ballenger Creek MS	507	76%
Ballenger Creek ES	Crestwood MS	159	24%
Butterfly Ridge ES	Crestwood MS	286	34%
Butterfly Ridge ES	Monocacy MS	553	66%
Carroll Manor ES	Ballenger Creek MS	543	100%
Hillcrest ES	West Frederick MS	731	100%
Lincoln ES	Crestwood MS	297	45%
Lincoln ES	West Frederick MS	361	55%
Orchard Grove ES	Ballenger Creek MS	333	60%
Orchard Grove ES	Crestwood MS	221	40%
Parkway ES	West Frederick MS	230	100%
Tuscarora ES	Ballenger Creek MS	215	30%
Tuscarora ES	Crestwood MS	504	70%
Valley ES	Brunswick MS	531	100%
Waverley ES	Monocacy MS	396	100%
Whittier ES	West Frederick MS	761	100%

Table 10:

Elementary Option B to Recommendation Middle School Option Feeder Patterns			
ES Option B Zone	MS Recommendation Zone	Total PK-5 Live In	ES Attendance Percent
Ballenger Creek ES	Ballenger Creek MS	507	76%
Ballenger Creek ES	Crestwood MS	159	24%
Butterfly Ridge ES	Crestwood MS	286	43%
Butterfly Ridge ES	Monocacy MS	386	57%
Carroll Manor ES	Ballenger Creek MS	543	100%
Hillcrest ES	West Frederick MS	731	100%
Lincoln ES	Crestwood MS	297	45%
Lincoln ES	West Frederick MS	361	55%
Orchard Grove ES	Ballenger Creek MS	333	60%
Orchard Grove ES	Crestwood MS	221	40%
Parkway ES	West Frederick MS	230	100%
Tuscarora ES	Ballenger Creek MS	215	30%
Tuscarora ES	Crestwood MS	504	70%
Valley ES	Brunswick MS	531	100%
Waverley ES	Monocacy MS	563	100%
Whittier ES	West Frederick MS	761	100%

Table 11:

Student Impact Estimates	
ES Option	Total PK-5 Live-In Students Impacted
Recommendation	1205
Option A	1409
Option B	1242

Student Data reflects the
9/30/2016 official enrollment.

Middle School Statistics

Table 12:

School Name	Grade Config	SRC ¹	2016-17 Total Enrollment	2016-17 Live-In ²	Recommendation Live-In Enrollment ²
Ballenger Creek MS	6-8	870	778	733	804
Brunswick MS	6-8	884	588	615	615
Crestwood MS	6-8	600	514	633	614
Monocacy MS	6-8	860	738	785	858
West Frederick MS	6-8	955	853	952	827
Total		4169	3471	3718	3718

Student Data as of 9/30/2016

¹ SRC stands for State Rated Capacity.

²2016-17 and Recommended Live-In counts the total number of 6-8 students living within each boundary minus the West Frederick MS ELL students. The West Frederick MS ELL students are added into the West Frederick MS Live-In counts regardless of where they live, except for those that live in the Gov T.J. MS zone.

Table 13:

School Name	2016-17 6-8th Enrolled FARM %	2016-17 Live-In FARM % ²	Recommendation Estimated FARM % ²
Ballenger Creek MS	26%	24%	27%
Brunswick MS	29%	28%	28%
Crestwood MS	52%	49%	50%
Monocacy MS	47%	46%	47%
West Frederick MS	56%	55%	53%
Total	42%	41%	41%

Student Data as of 9/30/2016

¹ SRC stands for State Rated Capacity.

²2016-17 and Recommended Live-In counts the total number of 6-8 students living within each boundary minus the West Frederick MS ELL students. The West Frederick MS ELL students are added into the West Frederick MS Live-In counts regardless of where they live, except for those that live in the Gov T.J. MS zone.

Table 14:

School Name	Recommendation Projected MS Students from Active Developments ³
Ballenger Creek MS	85
Brunswick MS	119
Crestwood MS	104
Monocacy MS	94
West Frederick MS	34
Total	436

³Active Developments reflect developments that have been approved and where building construction has started.

Table 15:

Student Impact Estimates	
MS Option	Total 6-8th Live-In Students Impacted
Recommendation	212

Student Data reflects the 9/30/2016 official enrollment.

High School Statistics

Table 16:

School Name	Grade Config	SRC ¹	2016-17 Total Enrollment	2016-17 Live-In ²	Recommendation Live-In Enrollment ²
Brunswick HS	9-12	893	748	776	776
Frederick HS	9-12	1603	1459	1464	1368
Gov. T.J. HS	9-12	2091	1385	1533	1629
Tuscarora HS	9-12	1606	1518	1551	1551
Total		6193	5110	5324	5324

Student Data as of 9/30/2016

¹ SRC stands for State Rated Capacity.

²2016-17 Live-In and Recommendation Live-In counts the total number of 9-12 students living within each boundary minus the Frederick HS ELL students. The Frederick HS ELL students are added into the Frederick HS Live-In counts regardless of where they live, except for those living within Gov. T.J. HS zones.

Table 17:

School Name	2016-17 PK-5 Enrolled FARM %	2016-17 Live-In FARM % ²	Recommendation Estimated FARM % ²
Brunswick HS	23%	23%	23%
Frederick HS	53%	49%	48%
Gov. T.J. HS	41%	43%	45%
Tuscarora HS	30%	31%	31%
Total	39%	38%	38%

Student Data as of 9/30/2016

¹ SRC stands for State Rated Capacity.

²2016-17 Live-In and Recommendation Live-In counts the total number of 9-12 students living within each boundary minus the Frederick HS ELL students. The Frederick HS ELL students are added into the Frederick HS Live-In counts regardless of where they live, except for those living within Gov. T.J. HS zones.

Table 18:

School Name	Recommendation Projected HS Students from Active Developments ³
Brunswick HS	173
Frederick HS	135
Gov. T.J. HS	185
Tuscarora HS	175
Total	668

³Active Developments reflect developments that have been approved and where building construction has started.

Table 19:

Student Impact Estimates	
HS Option	Total 9-12th Live-In Students Impacted
Recommendation	96

Student Data reflects the 9/30/2016 official enrollment.