

Darien Public Schools



Enrollment Report

October 23, 2018

Executive Summary

Regression analysis continues to be effective in estimating gross numbers of students at different grade levels but not as accurate as predicting sections at the elementary level.

Therefore rolling the numbers forward to the next grade level seems to be the most effective method of predicting sections

	Hindley	PreK	K	1	2	3	4	5	Total
EST	10.1.19	-	87	79	64	81	72	84	467
	10.1.18		79	64	81	72	84	78	458
	10.1.17		69	81	71	87	80	86	474
	10.1.16		82	65	89	81	86	88	491
	10.1.15		63	86	79	88	90	95	501
	10.1.14	0	92	80	88	93	93	110	556
	10.1.13	0	82	91	88	96	114	95	566
	10.1.12	22	91	88	92	107	97	72	569

Housing Developments Impacting Enrollment

Heights

Elementary District / **Royle Elementary**

34 One Bedroom Units

54 Two Bedroom Units

18 Three Bedroom Units

2 Three Bedroom / West Ave

Enrolled in our Schools

Heights	DHS	MMS	Royle	Total
1-Oct-18	11	15	27	53
1-Oct-17	8	14	31	53
1-Oct-16	6	14	27	47
1-Oct-15	4	10	32	46
1-Oct-14	10	10	28	48
1-Oct-13	6	3	15	24

Kensett

Elementary District / **Ox Ridge Elementary**

62 Unit Development

Enrolled in our Schools

Kensett	DHS	MMS	Ox Ridge	Total
1-Oct-18	10	14	13	37
1-Oct-17	6	12	15	33
1-Oct-16	2	8	14	24
1-Oct-15	3	7	17	27
1-Oct-14				12
1-Oct-13				5

Housing Developments Impacting Enrollment

Avalon

Elementary District / Tokeneke

77 One Bedroom Units

80 Two Bedroom Units

32 Three Bedroom Units

Enrolled in our Schools

Avalon	DHS	MMS	Royle	Total
1-Oct-18	34	17	49	100
1-Oct-17	28	8	46	82
1-Oct-16	32	18	47	97

Housing Developments Long Term Projects

Corbin Block

Potential of 116 units

57 Students

District = Tokeneke

Palmer Development

Potential of 59 units

29 Students

District = Royle

.49 Students Per Unit

Federal Realty

Potential of 122 units

60 Students

District = Royle

Estimated

45% Elementary

28% Middle School

27% High School

Elementary Class Size Criteria

The Darien Board of Education Class Size Guidelines Follow:

1977

Recommended Maximum

K	20	25
1	22	27
2	22	27
3	25	30
4	25	30
5	25	30

1984

Recommended Maximum

K	20	25
1	20	25
2	22	27
3	22	27
4	25	30
5	25	30

1987

Recommended Optimal Maximum

K	19	20-22	23
1	19	20-22	23
2	20	21-24	25
3	20	21-24	25
4	21	22-25	26
5	21	22-25	26

2016

Low End Optimal High End

K	18	19-21	22
1	18	19-21	22
2	19	20-22	23
3	19	20-22	23
4	20	21-23	24
5	20	21-23	24

Kindergarten Enrollment

The gap between birth rate and K enrollment has decreased

This year, K projections came from the M/M Analysis

	Estimated	Actual	Difference
2016-17	350	368	18
2017-18	347	338	-9
2018-19	355	318	-37
2019-20	389		
2020-21	382		
2021-22	378		
2022-23	376		
2023-24	391		

Darien Enrollment Projections

School Year	Birth Year	Births	ELP PK	K
2008-09	2003	266	52	365
2009-10	2004	280	61	423
2010-11	2005	270	66	378
2011-12	2006	253	74	384
2012-13	2007	254	64	389
2013-14	2008	226	65	399
2014-15	2009	222	79	375
2015-16	2010	199	74	362
2016-17	2011	179	70	368
2017-18	2012	176	90	338
2018-19	2013	173	90	318
Projected Roll				
2019-20	2014	198	90	389
2020-21	2015	181	90	382
2021-22	2016	179	90	378
2022-23	2017	190	110	376
2023-24	2018	190	110	391

Enrollment Report

Darien Enrollment Projections																					
School Year	Birth Year	ELP												ELP				K-12 Total			
		Births	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	PK		K-5	6-8	9-12
2014-15	2009	222	79	375	405	380	392	365	408	381	374	369	372	335	334	330	79	2325	1124	1371	4,820
2015-16	2010	199	74	362	372	399	379	380	356	417	374	376	339	352	330	337	74	2248	1167	1358	4,773
2016-17	2011	179	70	368	353	374	398	377	363	356	405	372	351	329	344	332	70	2233	1133	1356	4,722
2017-18	2012	176	90	338	363	358	367	399	378	370	357	396	343	355	336	344	77	2203	1123	1378	4,704
2018-19	2013	173	90	318	338	366	350	350	393	384	367	350	382	338	358	344	90	2115	1101	1422	4,638

Decrease of 45

Decrease of 66

Actual Enrollment October 1, 2018 (Elementary)

Enrollment

School	ELP	K	1	2	3	4	5	Total
Hindley		79	64	81	72	84	78	458
Holmes		65	80	86	62	78	78	449
Ox Ridge	24	57	61	72	69	53	81	417
Royle	43	53	63	55	73	58	65	410
Tokeneke	21	64	70	72	74	77	91	469
	88	318	338	366	350	350	393	2203



Classroom Sections

School	ELP	K	1	2	3	4	5	Total
Hindley		4	4	4	4	4	4	24
Holmes		3	4	4	3	4	4	22
Ox Ridge	2	3	3	4	4	3	4	23
Royle	4	3	3	3	4	3	3	23
Tokeneke	2	4	4	4	4	4	4	26
	8	17	18	19	19	18	19	118

Section Changes from Previous Year

School	ELP	K	1	2	3	4	5	Total
Hindley	0	1	0	0	0	0	0	1
Holmes	0	-1	0	1	-1	0	0	-1
Ox Ridge	0	0	-1	0	-1	1	0	-1
Royle	0	0	0	-1	1	0	0	0
Tokeneke	0	0	0	0	0	0	0	0
	0	0	-1	0	-1	1	0	-1

Actual Enrollment October 1, 2018 (Secondary)

Enrollment

Grade		6	7	8	Total
Middlesex		384	367	350	1101

Grade		9	10	11	12	Total
DHS		382	338	358	344	1422

Middle School

October 1st Projected 1,105 students (difference of -4)

High School

October 1st Projected 1,400 (difference of 22)



October 1, 2019 Projection

Elementary

Enrollment

School	ELP	K	1	2	3	4	5	Total
Hindley		87	79	64	81	72	84	467
Holmes		82	65	80	86	62	78	453
Ox Ridge	23	74	57	61	72	69	53	409
Royle	44	70	53	63	55	73	58	416
Tokeneke	23	76	64	70	72	74	77	456
	90	389	318	338	366	350	350	2201 Roll
	90	389	314	341	361	344	343	2182 Persist
	90	389	357	346	351	356	358	2247 M/M Study

Potential to add 5 additional sections with an absorption rate of 4.

(Grey highlights below)

Sections are projected to decrease by 3.

Classroom Sections

School	ELP	K	1	2	3	4	5	Total
Hindley	0	4	4	3	4	3	4	22
Holmes	0	4	3	4	4	3	4	22
Ox Ridge	2	4	3	3	4	3	3	22
Royle	4	4	3	3	3	4	3	24
Tokeneke	2	4	3	4	4	4	4	25
	8	20	16	17	19	17	18	115

Absorption Rate (Factor 4)

School	ELP	K	1	2	3	4	5
Hindley		2.0	10.0	6.0	12.0	1.0	13.0
Holmes		7.0	2.0	13.0	7.0	11.0	19.0
Ox Ridge		15.0	10.0	9.0	21.0	4.0	20.0
Royle		19.0	14.0	7.0	15.0	24.0	15.0
Tokeneke		13.0	3.0	23.0	21.0	23.0	20.0

October 1, 2019 Projection

Secondary

Enrollment
Projection

School	6	7	8	Total	
Middlesex	393	384	367	1144	Roll
	398	379	361	1138	Persist
	393	379	378	1150	M/M Study

MMS = Projected to increase 43 students.

DHS = Projected to decrease by 15 students.

	9	10	11	12	Total	
DHS	329	382	338	358	1407	Roll
	329	378	339	360	1406	Persist
	344	387	344	334	1409	M/M Study

October 1, 2019 Projection Elementary /Secondary

Enrollment K-12			ACT	EST	Variance
Excluding ELP			2018-2019	2019-2020	
Elementary Schools	K-5		2115	2111	(4)
Middle School	6-8		1101	1144	43
High School	9-12		1422	1407	(15)
	Total Excluding ELP		4638	4662	24
		ELP	88	90	
		Total	4726	4752	

2018-2024



