Study of Enrollment in Broward County Public Schools:

A Demographic Analysis and Survey of Parents and Principals to Identify Drivers of Declining Enrollment

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Presented by:
Leslie M. Brown, Chief Portfolio Services Officer
Jill Young, Director, Task Assigned, Demographics & Student Assignments
Angel Gomez, Intern Director, Demographics & Student Assignments
Joseph Beck, Demographer, Demographics & Student Assignments

Established 1915
BROWARD
County Public Schools

Agenda and Goals
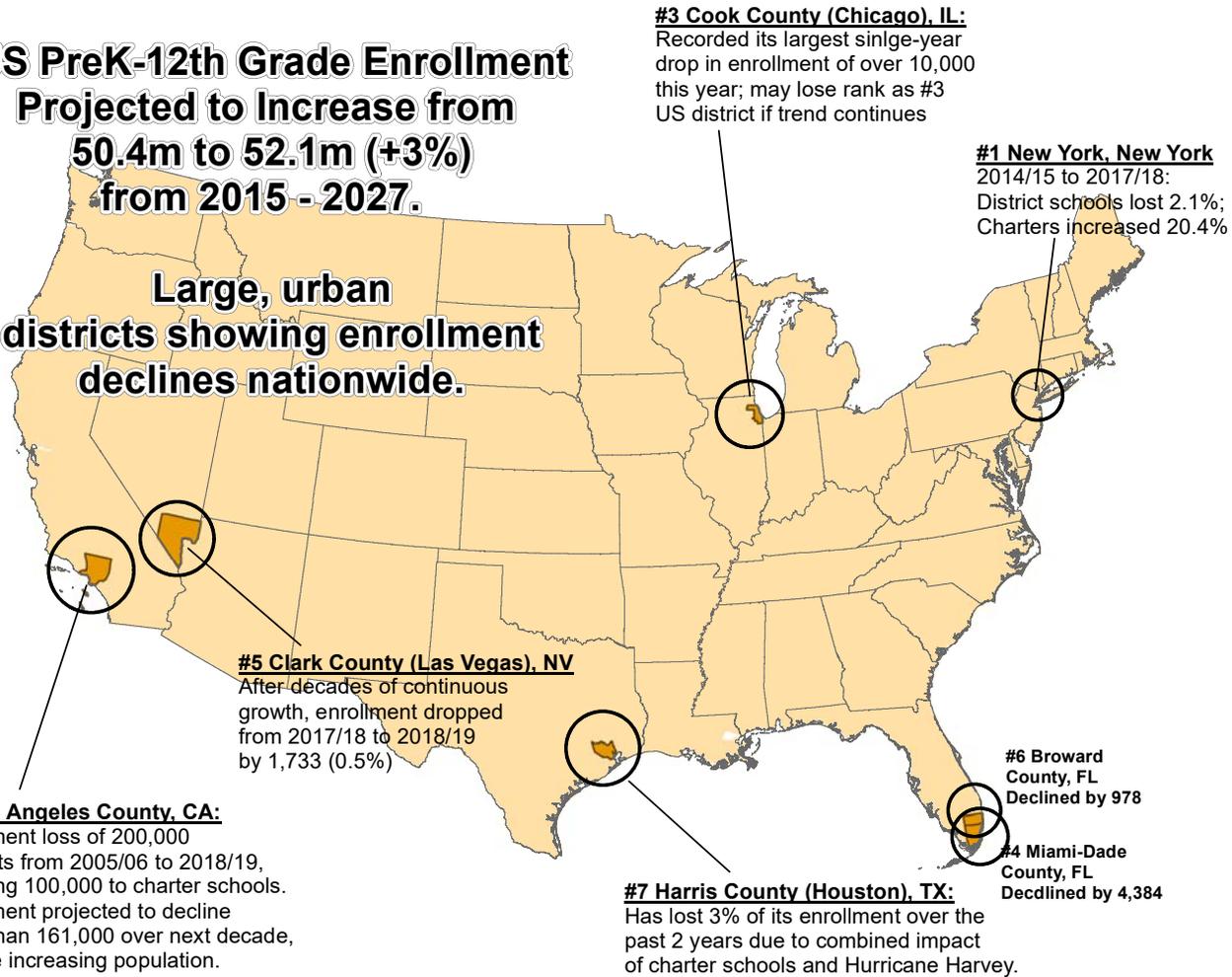
1) National Enrollment Trends

2) Florida Enrollment

3) Broward County Population and
   Enrollment

4) Parent Survey

5) Principal Study Group

6) Solutions

US PreK-12th Grade Enrollment Projected to Increase from 50.4m to 52.1m (+3%) from 2015 - 2027.

**Large, urban districts showing enrollment declines nationwide.**

#3 Cook County (Chicago), IL: Recorded its largest sinlge-year drop in enrollment of over 10,000 this year; may lose rank as #3 US district if trend continues

#1 New York, New York 2014/15 to 2017/18: District schools lost 2.1%; Charters increased 20.4%

#5 Clark County (Las Vegas), NV After decades of continuous growth, enrollment dropped from 2017/18 to 2018/19 by 1,733 (0.5%)

#2 Los Angeles County, CA: Enrollment loss of 200,000 students from 2005/06 to 2018/19, including 100,000 to charter schools. Enrollment projected to decline more than 161,000 over next decade, despite increasing population.

#7 Harris County (Houston), TX: Has lost 3% of its enrollment over the past 2 years due to combined impact of charter schools and Hurricane Harvey.

#6 Broward County, FL Declined by 978

#4 Miami-Dade County, FL Decdlined by 4,384

Florida Statewide Enrollment Change by County, 2017/18 to 2018/19

Enrollment trends vary between districts.

From 2017/18 to 2018/19 statewide enrollment increased by 15,107, while 40 individual districts grew and 26 decreased, and 1 remained the same.

Declining Enrollment

Growing Enrollment

Escambia -318
Santa Rosa 484
Okaloosa 173
Walton 346
Holmes 0
Washington 93
Jackson -176
Gadsden -80
Calhoun -57
Bay 53
Liberty -104
Gulf -21
Franklin 10
Wakulla -131
Leon -290
Jefferson 43
Madison -168
Hamilton -40
Taylor -63
Lafayette 12
Suwannee -159
Columbia -38
Baker 16
Union 28
Bradford -49
Clay 743
Duval 662
Nassau 246
St. Johns 1,719
Gilchrist 80
Alachua 81
Dixie 41
Putnam -152
Flagler -46
Levy -68
Marion -178
Volusia 272
Citrus -72
Sumter 192
Lake 773
Seminole 374
Brevard 210
Brevard 210
Hernando 362
Orange 4,277
Brevard 210
Pasco 1,377
Osceola 2,579
Hillsborough 3,185
Pinellas -837
Polk 1,537
Indian River 69
Manatee 358
Hardee -126
Highlands -81
Okeechobee 74
St. Lucie 570
Sarasota 218
DeSoto 88
Martin -347
Charlotte 108
Charlotte 108
Glades 81
Palm Beach 726
Lee 1,196
Hendry -69
Collier 604
Broward -978
Monroe 79
Miami-Dade -4,384
Monroe 79

District and Charter School Enrollment, 2001 to 2018

Total (green line): 260,892 · 266,272 · 271,339 · 272,691 · 270,935 · 262,616 · 258,905 · 255,738 · 255,203 · 256,872 · 258,803 · 260,796 · 262,563 · 265,401 · 268,836 · 271,105 · 271,517 · 270,550

District (blue bars): 252,212 · 254,888 · 258,884 · 259,130 · 255,799 · 246,516 · 241,783 · 237,040 · 234,601 · 233,598 · 229,314 · 227,517 · 224,955 · 225,349 · 225,554 · 225,740 · 226,424 · 224,631

Charter (orange bars): 8,680 · 11,384 · 12,455 · 13,561 · 15,136 · 16,100 · 17,122 · 18,698 · 20,602 · 23,274 · 29,489 · 33,279 · 37,608 · 40,052 · 43,282 · 45,365 · 45,093 · 45,919

Years: 2001/02 · 2002/03 · 2003/04 · 2004/05 · 2005/06 · 2006/07 · 2007/08 · 2008/09 · 2009/10 · 2010/11 · 2011/12 · 2012/13 · 2013/14 · 2014/15 · 2015/16 · 2016/17 · 2017/18 · 2018/19

Legend: District | Charter | Total

- For the third straight year, total Broward County public school enrollment has exceeded 270,000 students.
- Enrollment in BCPS District schools, however, is the lowest is has been in the entire span of 2001 to 2018.
- Charter school enrollment has increased in this time from 3.3% to 17.0% of total enrollment.

Broward Births 2007 -2017
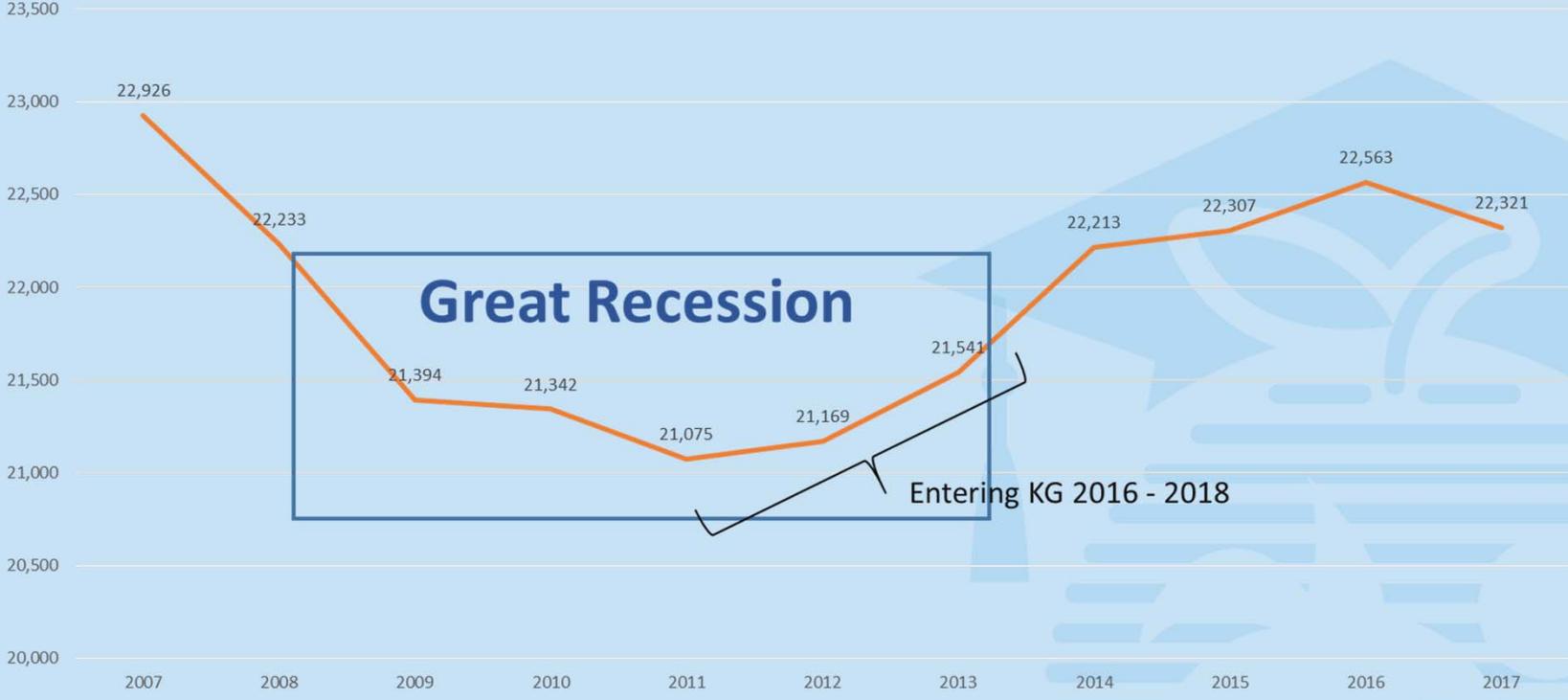
- Lowest kindergarten cohort corresponds with lowest number of births five years prior at trough of Great Recession

Change in Number of Residential Dwelling Units, 2010 to 2015 and 2015 to 2025

Year	Total Dwelling Units	Increase
2010	844,529	
2015	885,943	41,414
2020	941,294	55,351
2025	979,460	38,166
2030	1,014,895	35,435
2035	1,044,979	30,084
2040	1,069,750	24,771

The total number of residential dwelling units in Broward County is projected to increase by an average of 37,537 units every five years through 2040.

Change in Residential Dwelling Units by TAZ, 2010 to 2015

Source: Prepared by the Broward County Planning and Development Management Division, PFAM 2017, Published 6/17/2018

Change in Residential Dwelling Units by TAZ, 2015 to 2025

Source: Prepared by the Broward County Planning and Development Management Division, PFAM 2017, Published 6/17/2018
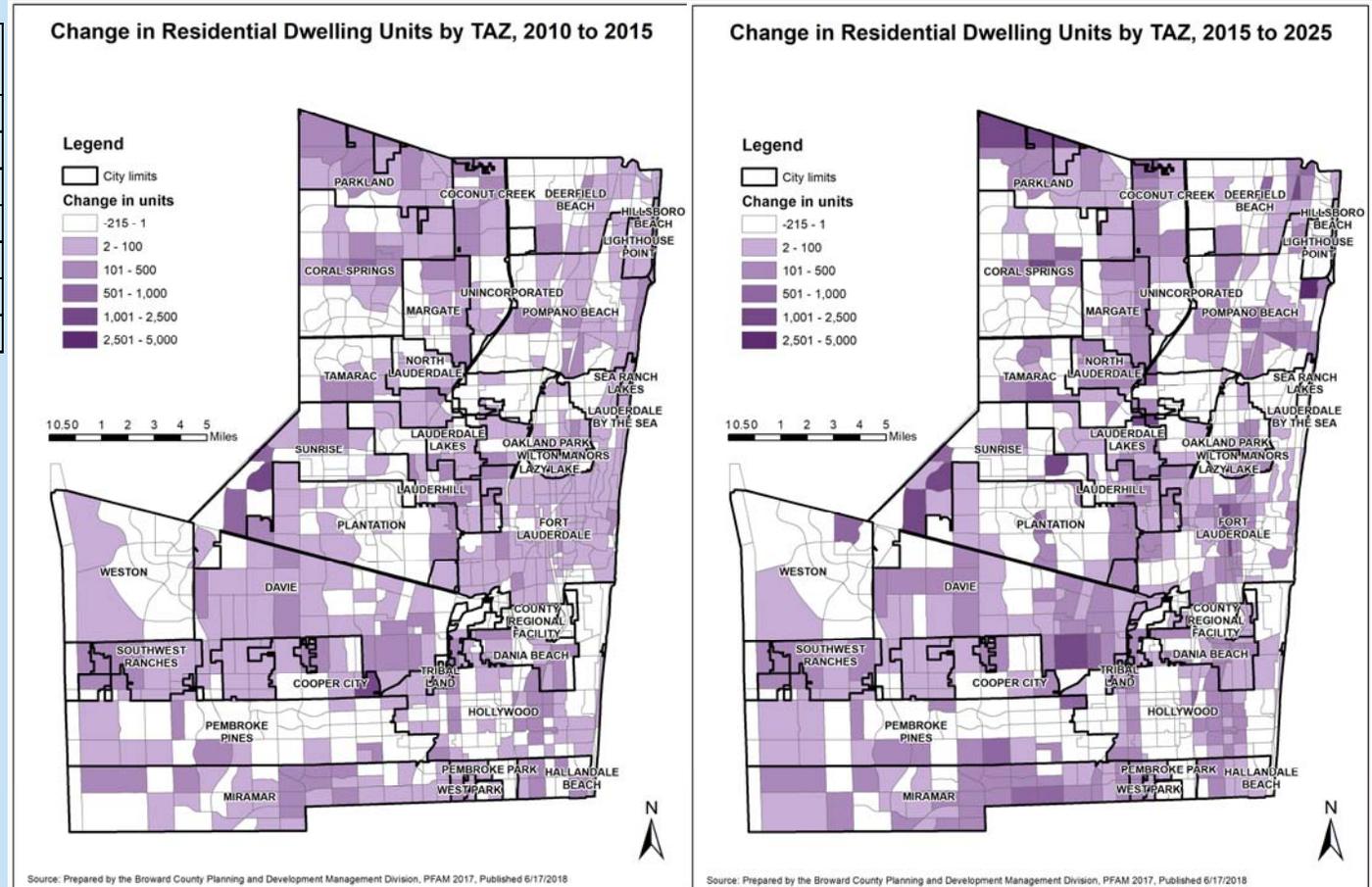
Data Source: The Broward County and Municipal Population Forecast and Allocation Model (PFAM) 2017

Broward County Population Composition 1990 - 2017

Age Cohort	Population			
	2017	2010	2000	1990
0-17	21.2%	22.4%	23.6%	20.6%
18-44	34.8%	35.6%	38.6%	40.2%
45-64	27.7%	27.7%	21.7%	18.6%
65+	16.3%	14.3%	16.1%	20.7%

- Since 2000, 0-17 and 18-44 age groups decreased in percentage of total population, while 45-64 and 65+ increased.

Data Source: University of Florida Bureau of Economic and Business Research (BEBR) Florida Estimates

Population Change vs Enrollment Change by Municipality, 2010 - 2018

In the map at left, growth in population by municipality of the past 8 years is shown. At right is the change in total student enrollment. Noteworthy is the declining enrollment from Miramar and Pembroke Pines, cities which have experienced overall population growth during this period.

Change in Population by Municipality, 2010 to 2018

Change in PreK- 12 Enrollment by City in BCPS District and Charter Schools, 2010 to 2018
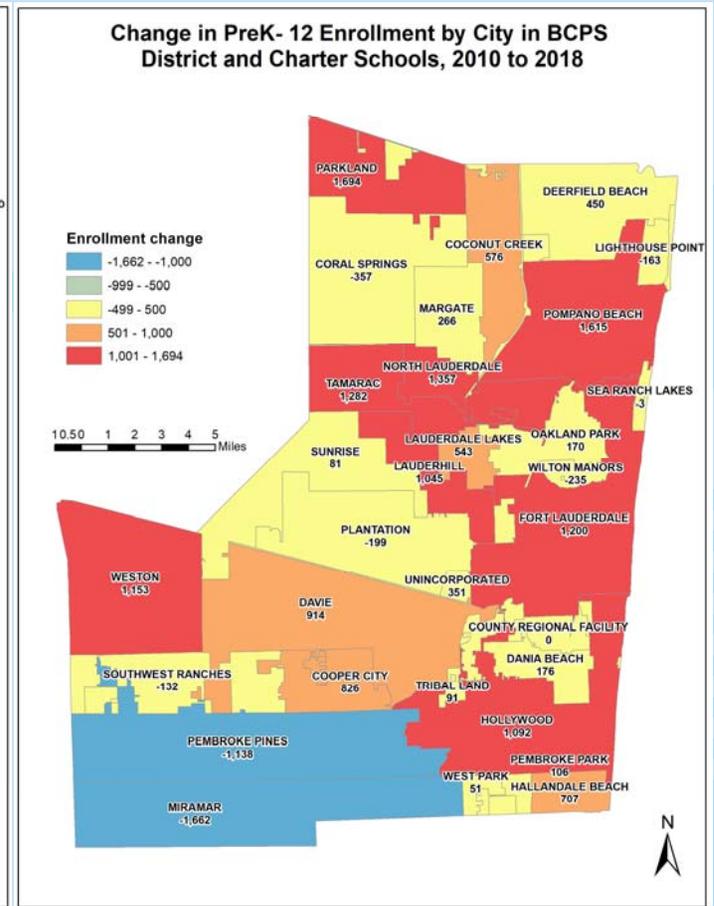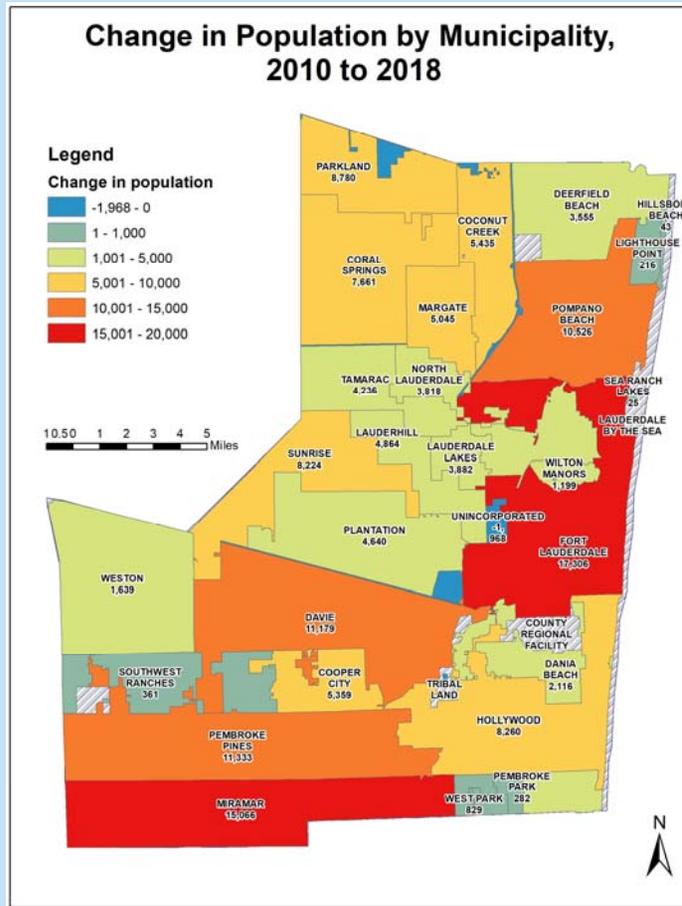
Percentage of Students Attending Charter Schools per Home School Boundary, 2018/19

ELEMENTARY % BOUNDARY ATTENDING CHARTER SCHOOLS, 2018/19
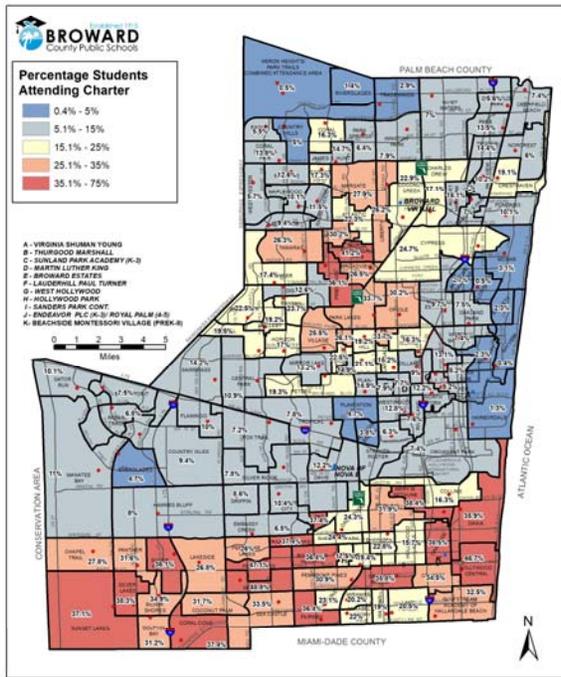
MIDDLE % BOUNDARY ATTENDING CHARTER SCHOOLS, 2018/19
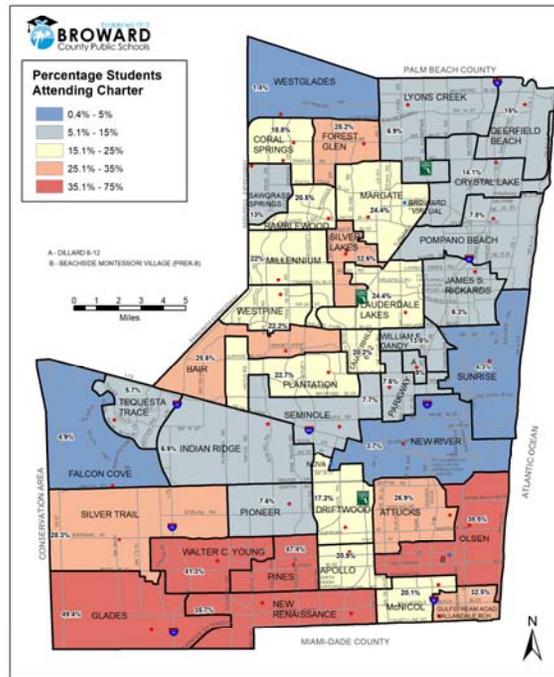
HIGH % BOUNDARY ATTENDING CHARTER SCHOOLS, 2018/19
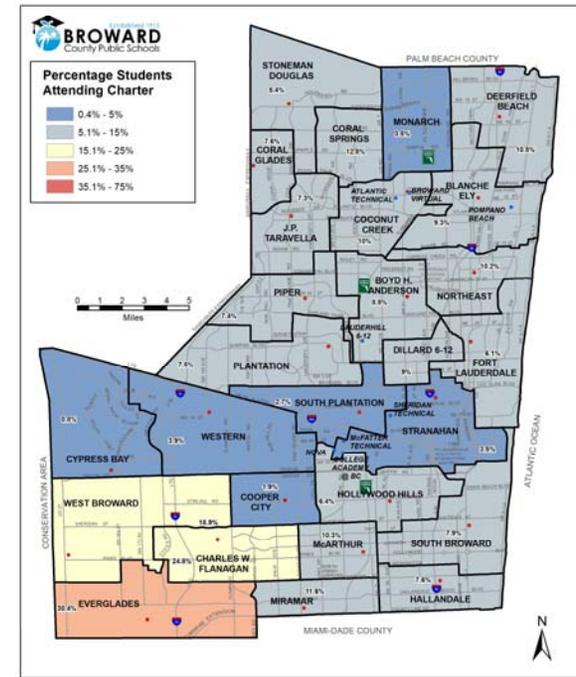
- Charter school impact is most significant at the elementary and middle school levels and in the southern and north-central areas of the county, with schools in SW Broward, highest at Glades Middle with over 49% of boundary students attending charter schools.

Demographics of Survey Recipients

- Survey sent to parents of 41,267 students who have left BCPS since December 2016

- 5,181 (12.6%) responded to the survey by email or text message link

Race/Ethnicity

- Black: 36.45%
- Hispanic: 34.96%
- White: 21.89%
- Other: 6.70%

FRL Eligibility

- Non FRL: 32.7%
- FRL: 67.3%

Broward Area

- NE: 12%
- NW: 23%
- CE: 9%
- CW: 15%
- SE: 6%
- SW: 35%

ELL Status

- Non ELL: 83.0%
- ELL: 17.0%
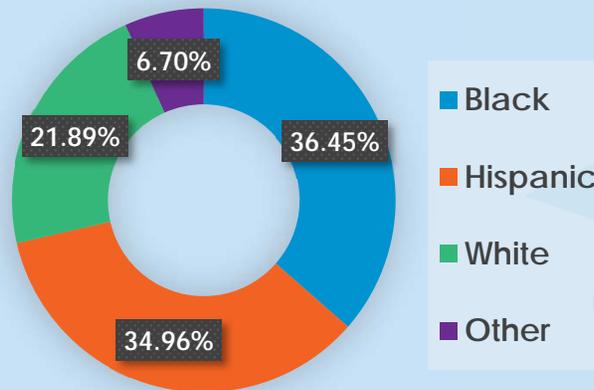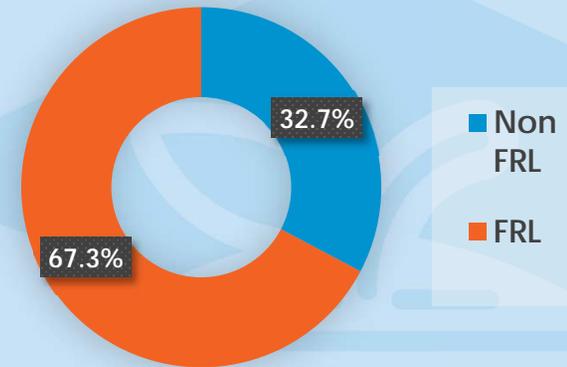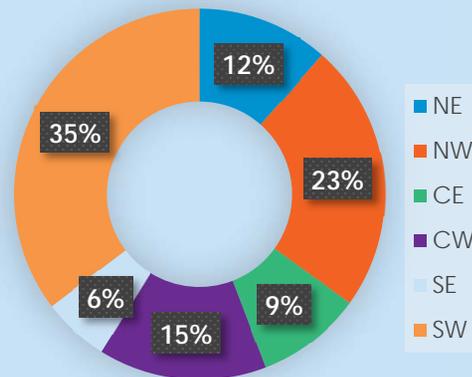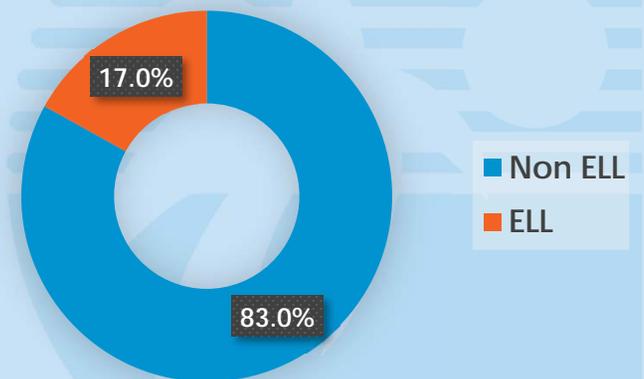
Why are Parents Leaving Broward County?

PARENTS' REASONS FOR MOVING OUT OF COUNTY AND/OR STATE

- Employment/job: 37.4%
- School quality/letter grade: 33.5%
- Housing costs: 27.2%
- School climate/safety: 23.3%
- Overall cost of living: 22.7%
- Family issues: 14.6%
- Crime: 14.3%
- Traffic: 13.6%
- Military reasons: 4.5%
- Natural disaster reasons: 2.8%
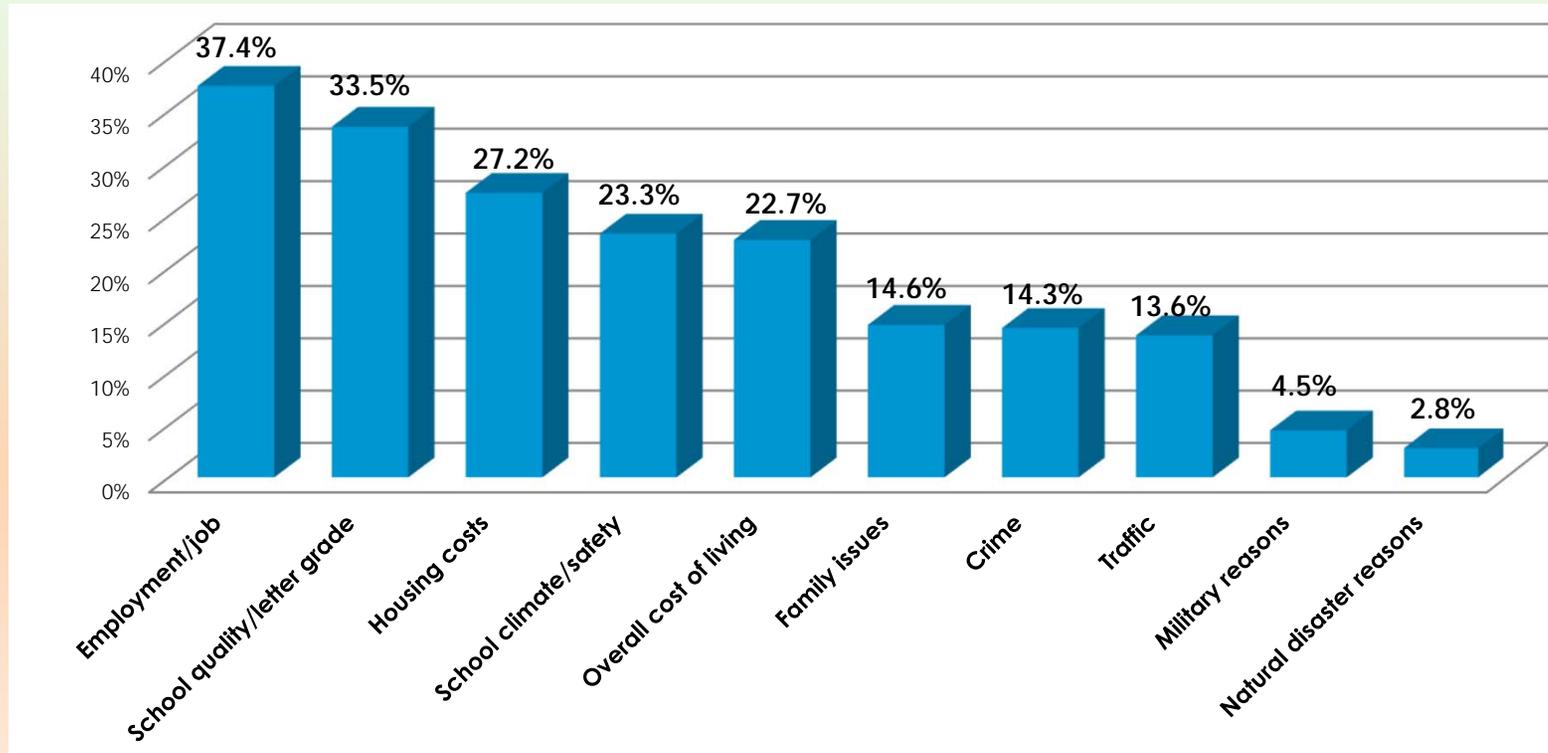
Why Are They Leaving Broward County Public Schools?

Bar chart showing percentages for reasons, from highest to lowest:

- Not enough individual attention — ~44%
- Unsafe place/too much bullying — ~42%
- Academic quality/school letter grade — ~42%
- Inadequate discipline — ~40%
- Class size (too big/too small) — ~36%
- Low expectations for your child — ~35%
- Inadequate school leadership — ~33%
- Inadequate student support services (e.g., guidance) — ~33%
- School size (too big/too small) — ~33%
- No morals/character/values instruction — ~31%
- Problems with teachers/administrators — ~30%
- Problems with other students — ~29%
- No morals/communication (Not enough home-school communication) — ~26%
- Not enough technology for student learning — ~21%
- Bad condition of school building or school facilities — ~18%
- Not enough sports/extracurricular activities — ~20%
- No healthy food choices for snacks, meals and drinks — ~17%
- No religious environment/instruction — ~15%
- Mixture of different kinds of students/children — ~15%
- Location — ~16%
- Brothers or sisters or other family at another school — ~9%
- School start time — ~8%
- Transportation issues — ~8%
- Not enough before and after care services — ~8%

What qualities were important in choosing a new school?
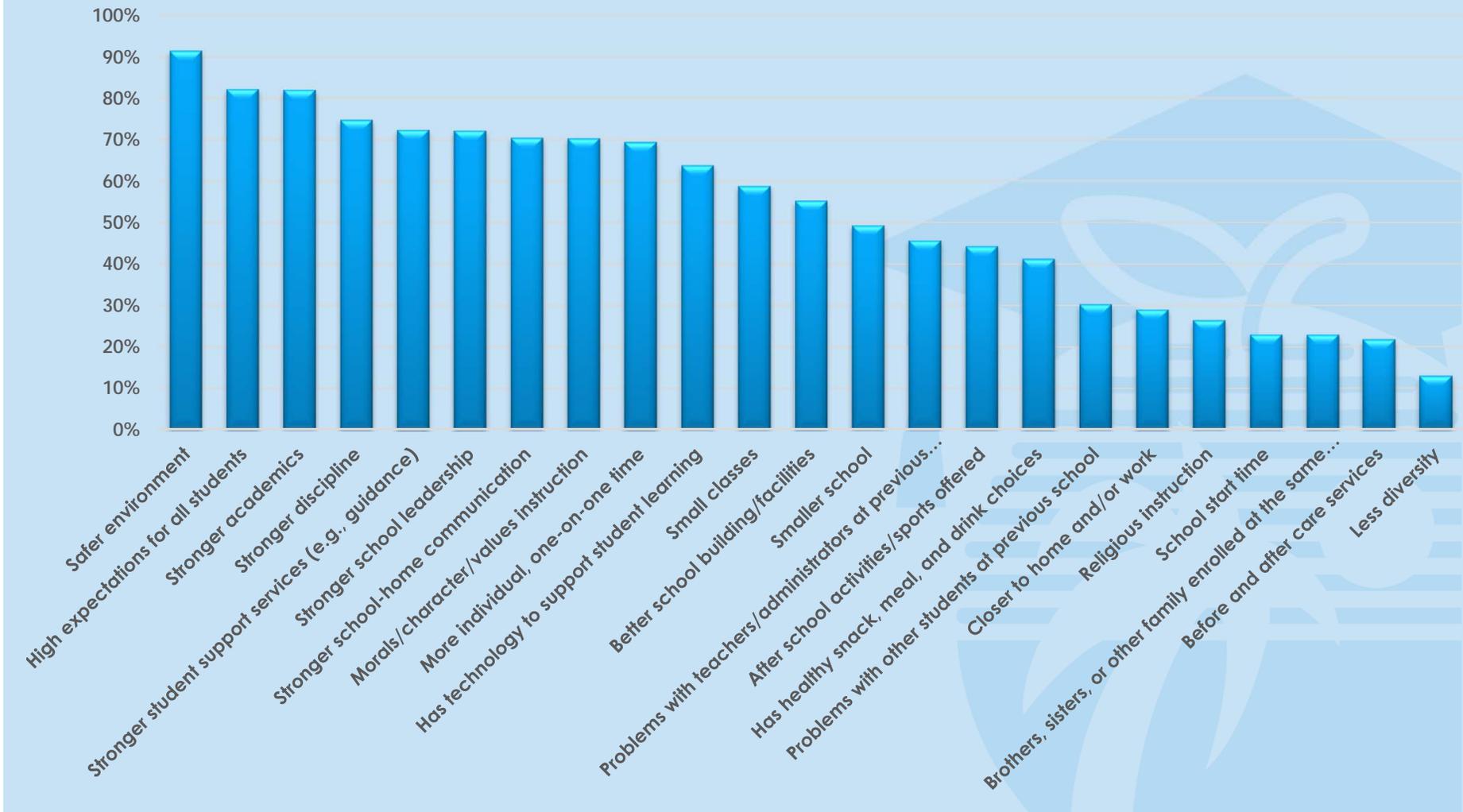
Common Concerns: BCPS Principals vs What Parents Find Important

Common Principal Concerns

- The perception of safety driving student choice
- School letter grade high in over-enrolled schools and low in under-enrolled schools
- Principal leadership is better at over-enrolled schools
- The "best teachers" leave to teach at "nicer" schools
- "Newer and shinier" schools attract more students
- Schools with low enrollment have budgetary needs compared to those with high enrollment that are able to offer programs and technology addressing the academic interests of the students
- Difficult to promote under-enrolled schools
- Student mobility is higher in lower performing schools than higher performing schools

Common Parent Concerns

Top 5 Parent Concerns

- Safer environment/better discipline
- High student expectation/individual attention
- Better academics/letter grade
- Stronger student support services
- Stronger school leadership
- Better school-home communication
- Condition of school & learning technology
- Problems with administration or school staff
- Before and after school activities/sports/services
- Siblings able to attend the same school
- School location convenience
- Religious instruction
- School start/end time
- Transportation availability

Permanent Capacity Utilization by Level, 2018/19
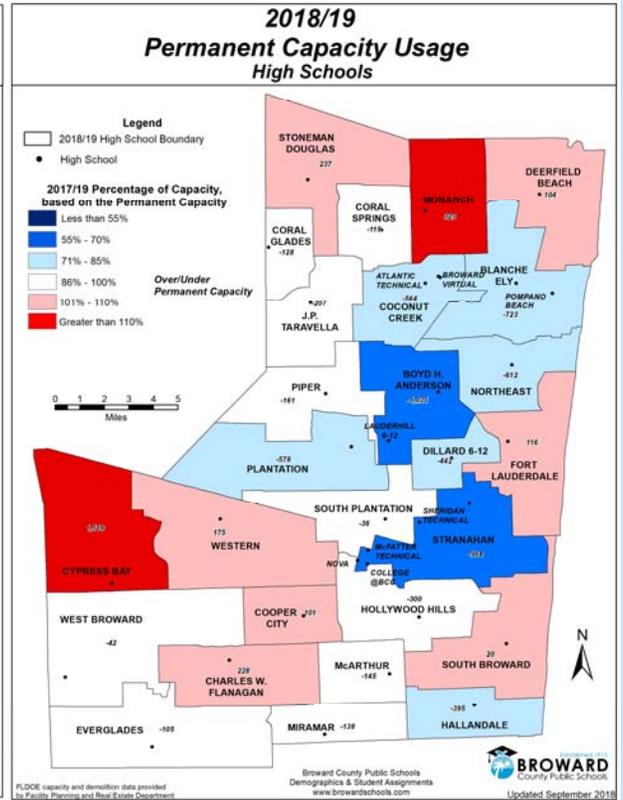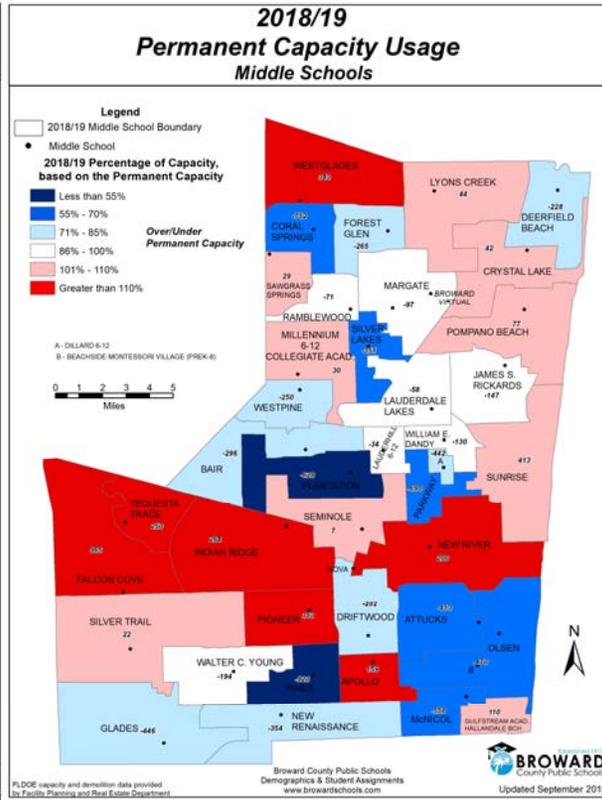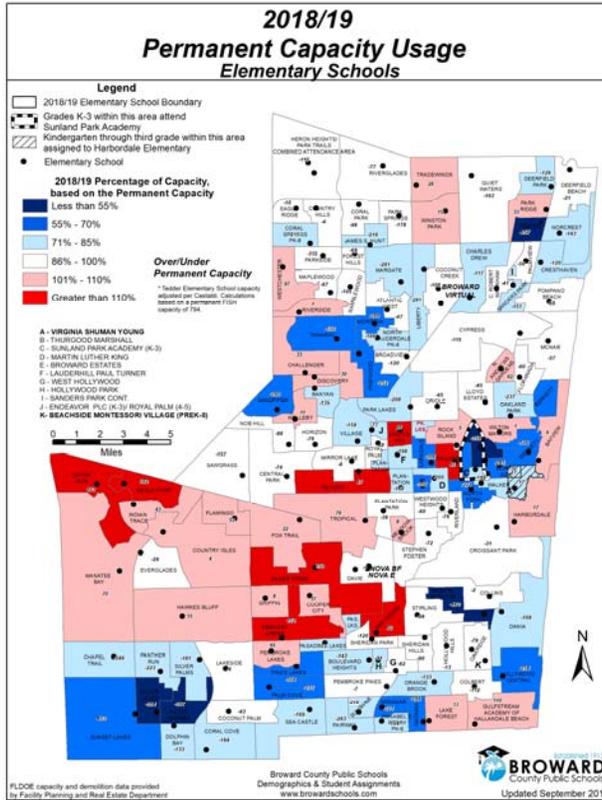
- Largest number of under-enrolled schools at elementary and middle levels
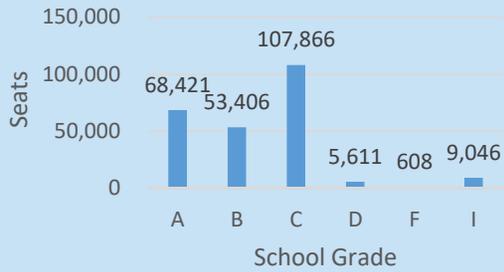- 30 total schools enrolled below 70% capacity
- 7 schools below 55% capacity
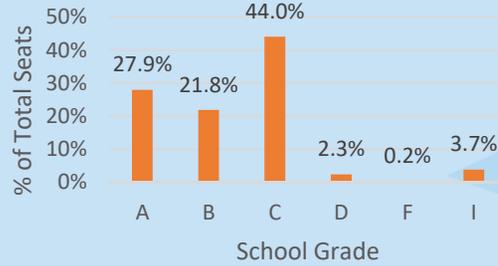
Enrollment in School Choice Programs and Charter Schools

BCPS School Choice and Charter Enrollment, 2010/11 - 2018/19
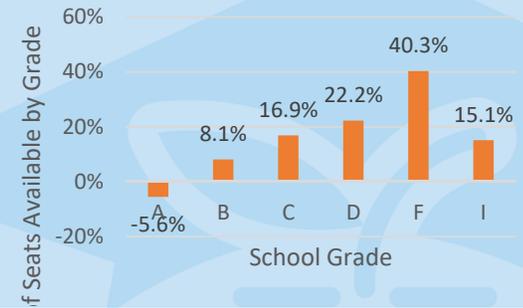

*School Choice window extended through summer beginning in 2013

Choice values: 40,969 · 38,910 · 38,109 · 39,483 · 41,784 · 44,165 · 45,624 · 48,120 · 48,731

Charter values: 21,217 · 29,489 · 33,279 · 37,608 · 40,052 · 43,282 · 45,365 · 45,093 · 45,919
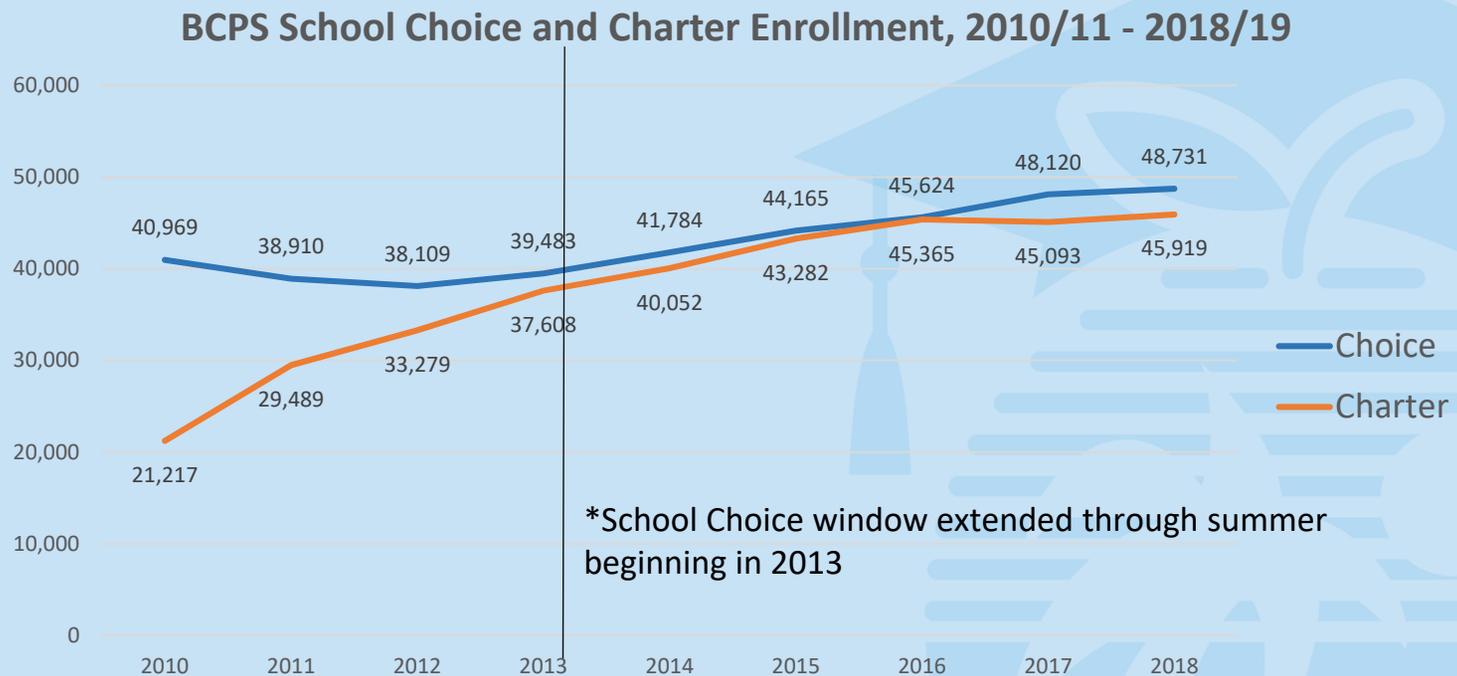
Capacity and Empty Seats by School Grade

Total Capacity by School Grade

Seats

- A: 68,421
- B: 53,406
- C: 107,866
- D: 5,611
- F: 608
- I: 9,046

School Grade

% of Total Capacity per School Grade

% of Total Seats

- A: 27.9%
- B: 21.8%
- C: 44.0%
- D: 2.3%
- F: 0.2%
- I: 3.7%

School Grade

The lower the grade the higher the % seats available

% of Seats Available by Grade

- A: -5.6%
- B: 8.1%
- C: 16.9%
- D: 22.2%
- F: 40.3%
- I: 15.1%

School Grade

Total Empty Seats by School Grade

Seats Available by Grade

- A: (3,804)
- B: 4,303
- C: 18,188
- D: 1,247
- F: 245
- I: 1,364
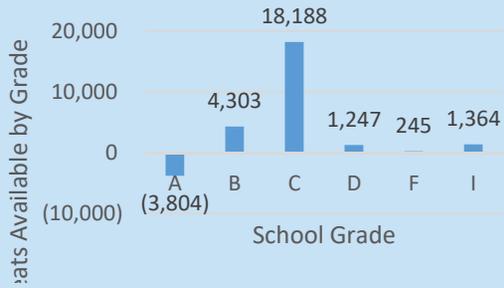
School Grade

21,543 net empty seats 84.4% in C schools

% of Toal Available Seats

- A: -17.7%
- B: 20.0%
- C: 84.4%
- D: 5.8%
- F: 1.1%
- I: 6.3%
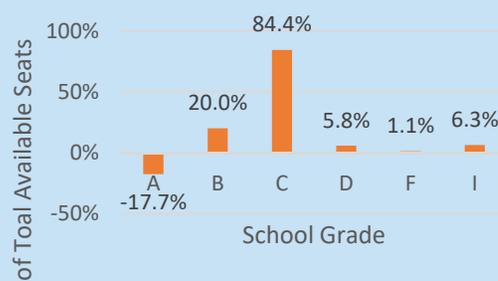
School Grade

Total Schools by School Grade, 2015-2018

- 2018
- 2017
- 2016
- 2015

School Grade: A, B, C, D, F, I
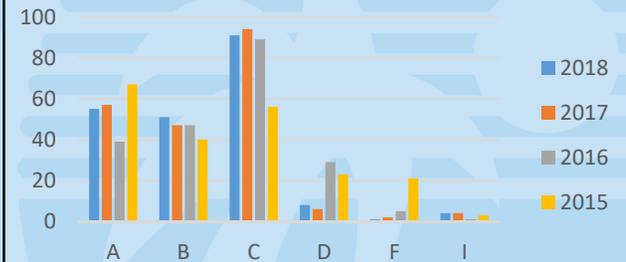
More than 90% of net empty seats Districtwide are in C, D, and F schools.

Solutions

1. School Reconfiguration

2. Capacity Alignment with SMART Program

3. Align Principal and Parent Expectations

4. Enhance School Performance

5. Improve Individual Attention and Safety

Appendix

Enrollment Study Timeline

Phase	Timeline
Phase 1: Pre-Planning	10/27/18 – 11/26/18: Meetings with project sponsors and directors
Phase 2: Planning	12/7/18 – 1/7/19: Identify research questions, external evaluator, principal study group; develop survey instrument and methodology
Phase 3: Data Gathering	11/27/18 – 1/25/19: Demographic research, conduct principal study group, administer survey
Phase 4: Analysis	1/28/19 – 2/15/19: Analysis of demographic, principal and survey data
Phase 5: Compilation	2/18/19 – 3/8/19: Describe patterns, form conclusions and recommendations, compile presentation
Phase 6: Presentation	3/11/19 – 4/16/19: Submit completed work for review; present to cabinet and School Board

Broward County Population Change, 2010 - 2018

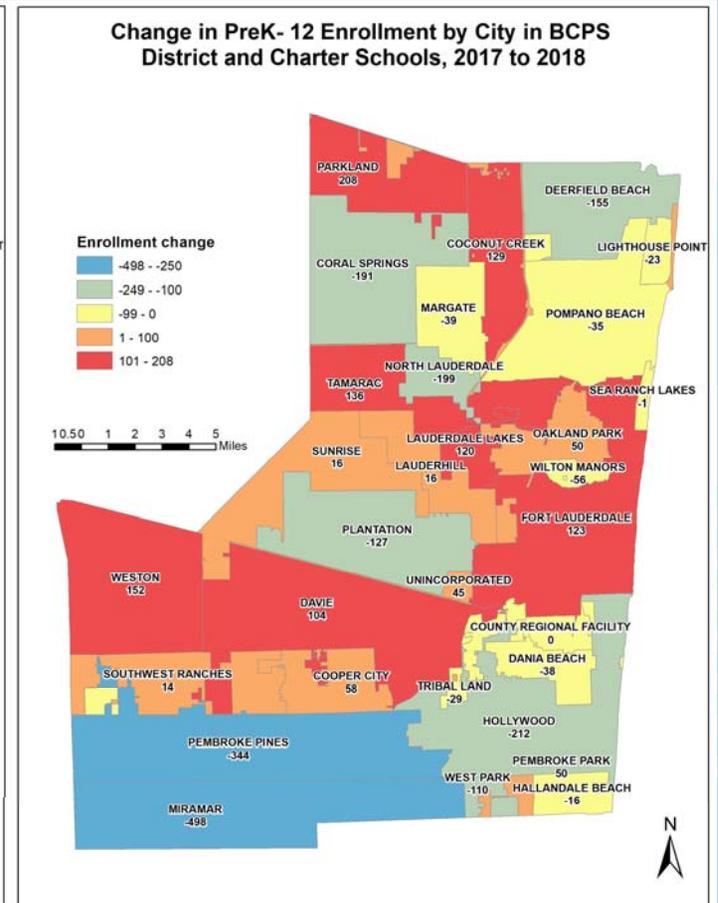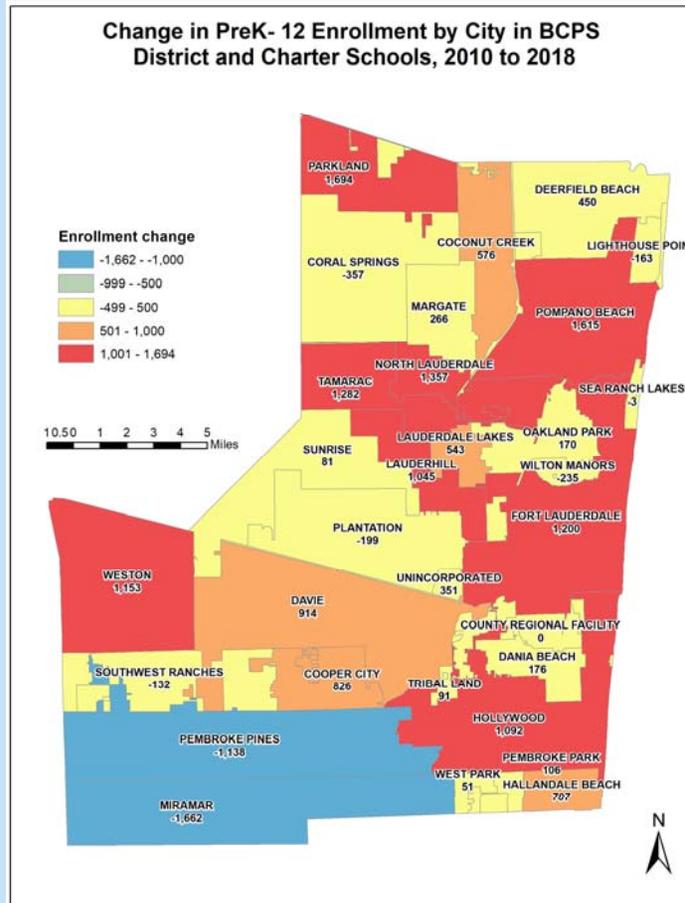| CITY	2010	2018	Change	Rank
COCONUT CREEK	52,909	58,344	5,435	10
COOPER CITY	28,547	33,906	5,359	11
CORAL SPRINGS	121,096	128,757	7,661	9
DANIA BEACH	29,639	31,755	2,116	20
DAVIE	91,992	103,171	11,179	4
DEERFIELD BEACH	75,018	78,573	3,555	19
FORT LAUDERDALE	165,521	182,827	17,306	1
HALLANDALE BEACH	37,113	39,054	1,941	21
HILLSBORO BEACH	1,875	1,918	43	29
HOLLYWOOD	140,768	149,028	8,260	7
LAUDERDALE LAKES	32,593	36,475	3,882	17
LAUDERDALE-BY-THE-SEA	6,056	6,199	143	28
LAUDERHILL	66,887	71,751	4,864	13
LAZY LAKE	24	26	2	31
LIGHTHOUSE POINT	10,344	10,560	216	27
MARGATE	53,284	58,329	5,045	12
MIRAMAR	122,041	137,107	15,066	2
NORTH LAUDERDALE	41,023	44,841	3,818	18
OAKLAND PARK	41,363	45,276	3,913	16
PARKLAND	23,962	32,742	8,780	6
PEMBROKE PARK	6,102	6,384	282	26
PEMBROKE PINES	154,019	165,352	11,333	3
PLANTATION	84,955	89,595	4,640	14
POMPANO BEACH	99,845	110,371	10,526	5
SEA RANCH LAKES	670	695	25	30
SOUTHWEST RANCHES	7,345	7,706	361	25
SUNRISE	84,439	92,663	8,224	8
TAMARAC	60,427	64,663	4,236	15
UNINCORPORATED	17,088	15,120	-1,968	32
WEST PARK	14,156	14,985	829	24
WESTON	65,333	66,972	1,639	22
WILTON MANORS	11,632	12,831	1,199	23
	1,748,066	1,897,976	149,910	

- Increase in total population 149,910
- Largest growth in Fort Lauderdale, Miramar, Pembroke Pines, Davie, Pompano Beach, Parkland

Data Source: University of Florida Bureau of Economic and Business Research (BEBR) Florida Estimates

Enrollment Change by Municipality, 2010 to 2018 and 2017 to 2018

- Residing student enrollment change over the past 8 years and past year

- Some cities which had an overall gain since 2010 have declined since last year- Deerfield Beach, Hallandale Beach, Hollywood, Pompano Beach

Change in PreK- 12 Enrollment by City in BCPS District and Charter Schools, 2010 to 2018

Enrollment change
- -1,662 - -1,000
- -999 - -500
- -499 - 500
- 501 - 1,000
- 1,001 - 1,694

Change in PreK- 12 Enrollment by City in BCPS District and Charter Schools, 2017 to 2018

Enrollment change
- -498 - -250
- -249 - -100
- -99 - 0
- 1 - 100
- 101 - 208

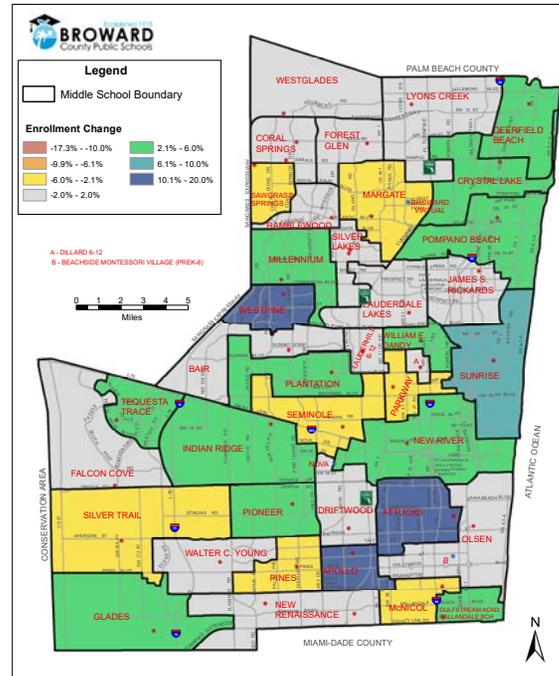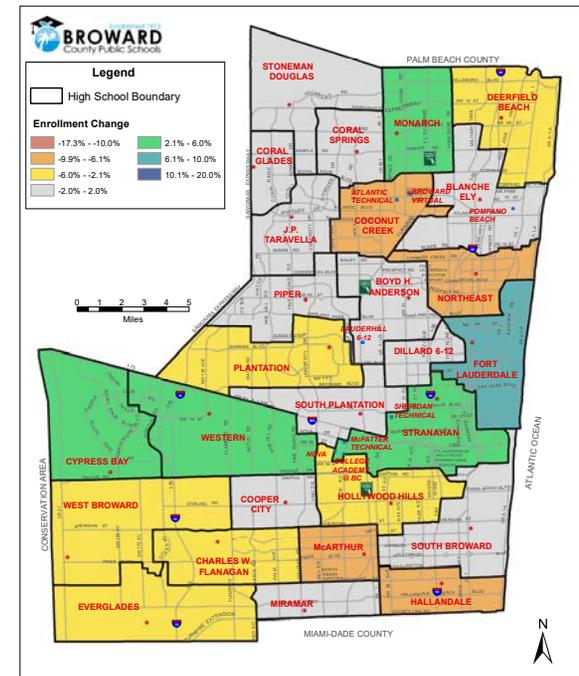# Enrollment Change at Elementary, Middle and High Schools, 2017/18 to 2018/19

ENROLLMENT CHANGE 2017/18 TO 2018/19
ELEMENTARY SCHOOLS
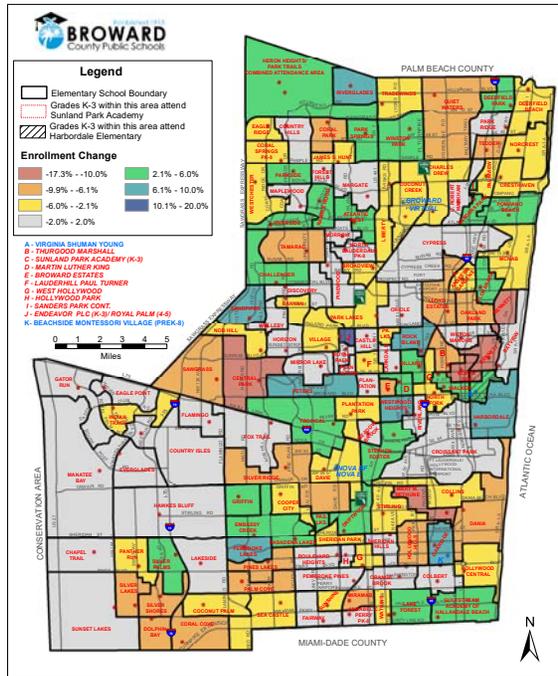
ENROLLMENT CHANGE 2017/18 TO 2018/19
MIDDLE SCHOOLS

ENROLLMENT CHANGE 2017/18 TO 2018/19
HIGH SCHOOLS

- Largest number of schools with enrollment decrease at the elementary level and fewest in middle schools
- No discernible geographic pattern to enrollment change

Benchmark Enrollment Change by Grade Level, 2016/17 – 2018/19

Enrollment by Grade at District Schools, not Including Centers, 2016/17 - 2018/19

	2016/17	2017/18	2018/19	3-Year Change
PreK	5,731	5,939	6,158	427
K	14,551	14,459	14,456	(95)
1	15,599	15,629	15,340	(259)
2	16,160	15,856	15,667	(493)
3	17,771	17,069	16,533	(1,238)
4	16,263	16,744	16,012	(251)
5	16,920	16,617	16,856	(64)
6	15,796	16,413	16,205	409
7	15,550	16,109	16,507	957
8	15,801	15,813	16,092	291
9	17,686	17,753	17,840	154
10	18,274	17,995	17,735	(539)
11	17,712	17,682	17,426	(286)
12	16,732	17,256	17,357	625
Total	**220,546**	**221,334**	**220,184**	

Prek - 12th Grade Enrollment, 2016/17 - 2018/19

- Kindergarten consistently low, primary grades decreasing
- High schools cohorts consistently the largest

Where Are They Now?

Legend (donut chart):
- 12.0% — Outside the State of Florida
- 16.2% — Other Florida County
- 34.2% — Broward Charter School
- 26.1% — Broward Private School
- 11.5% — Home School

Students (Florida map)
- 0
- 1 - 6
- 7 - 15
- 16 - 40
- 41 - 143
- 144 - 3,459

Students (US map)
- 0
- 1 - 5
- 6 - 15
- 16 - 25
- 26 - 45
- 46 - 3,958

Who Is Leaving District-Managed Schools?

WHERE RESPONDENTS' CHILDREN CURRENTLY ATTEND SCHOOL (WITHIN BROWARD COUNTY) BY SUBGROUP

Black | Latino | White | Other

School Climate and Safety

PERCEPTIONS OF SCHOOL CLIMATE AND SAFETY:
NEW SCHOOL VS. PREVIOUS SCHOOL

Child has school-related stress
- 65.5%
- 21.7%
- 12.8%

Child worries about bullying at school
- 73.3%
- 18.3%
- 8.5%

Child feels safe at school
- 5.1%
- 24.5%
- 70.3%

■ More often ■ A similar amount ■ Less often
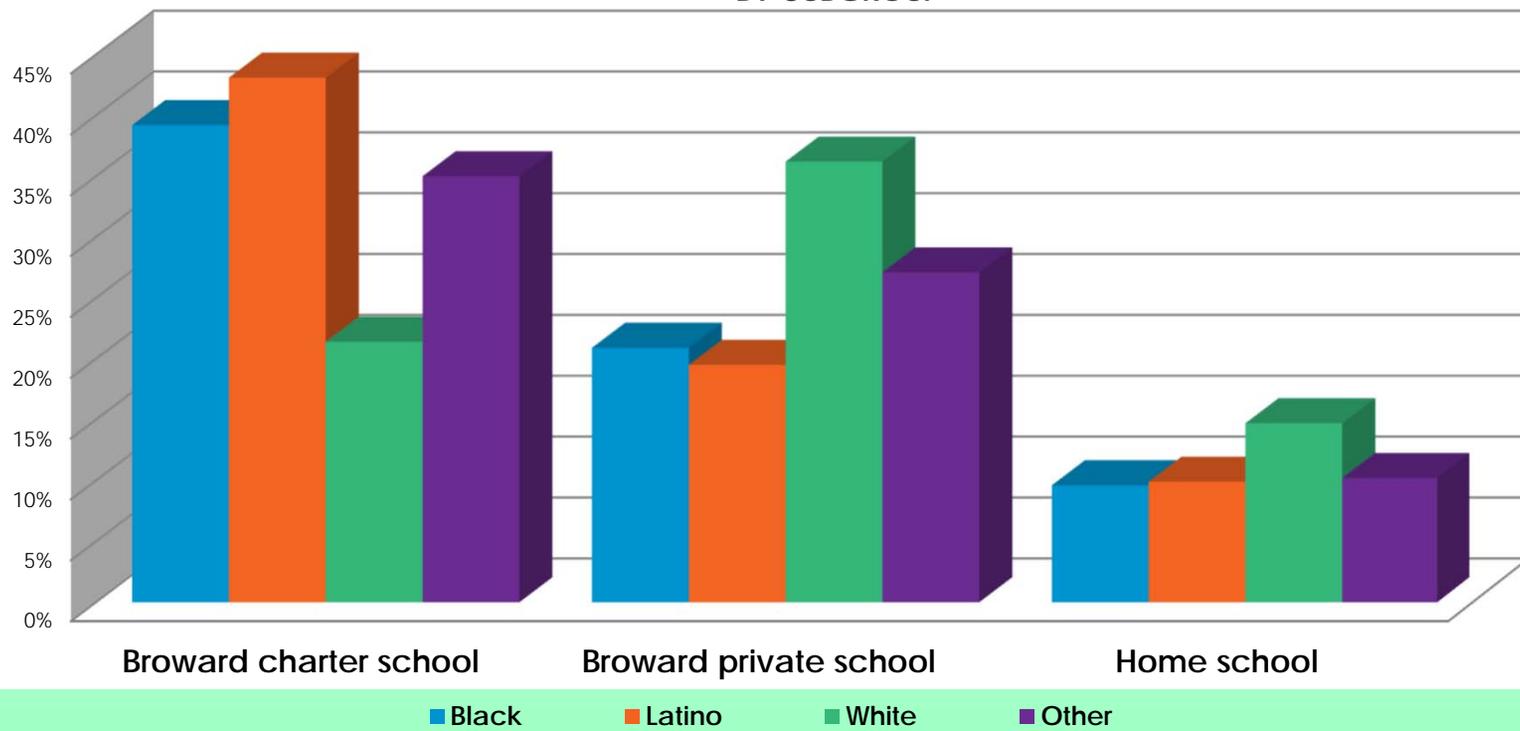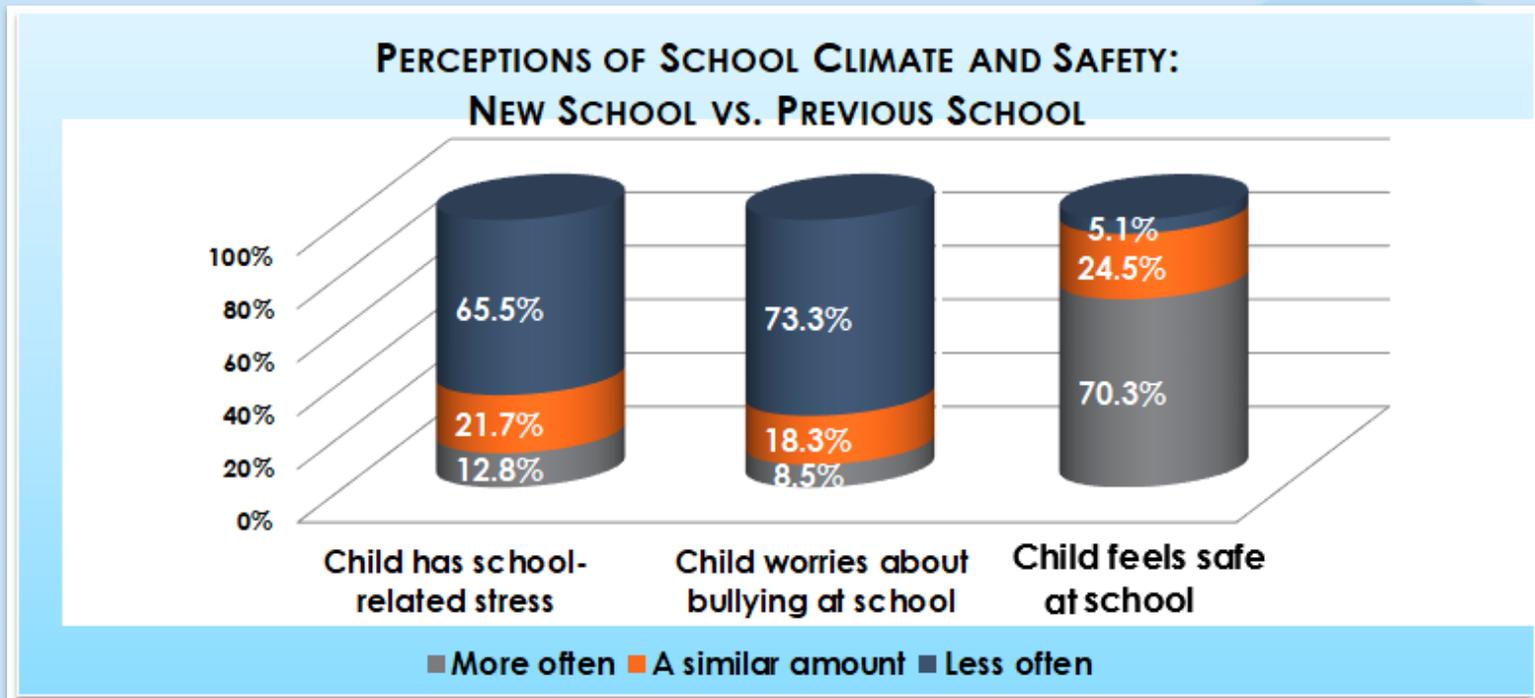
School Satisfaction
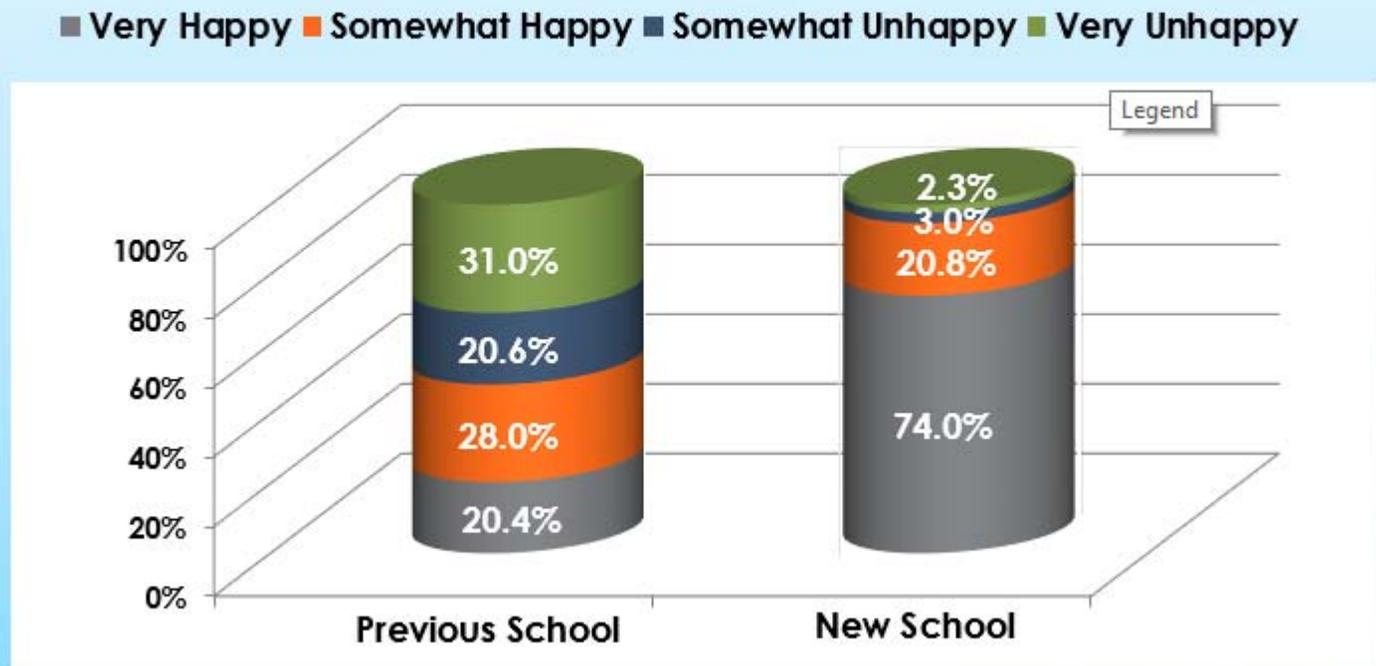
Options: K-8 Schools

K-8's, Two Models:

- **Elementary Schools Expanded Grades**, choice to attend 6-8 (not assigned by boundary)- Hollywood Central Elementary

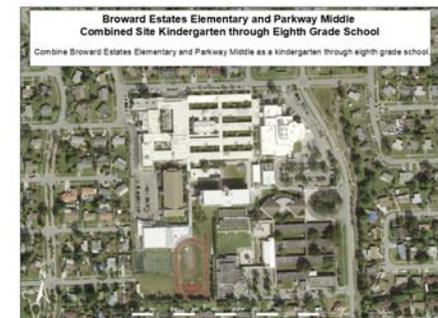- **Combined Adjacent Elementary and Middle Sites**, assigned boundaries as now for elementary and middle (no boundary changes)- Bethune ES + Attucks MS; Driftwood ES + Driftwood MS; Broward Estates ES + Parkway MS

Hollywood Central Kindergarten through Eighth Grade School
Reconfigure Hollywood Central Elementary as a kindergarten through eighth grade school by phasing in sixth through eighth grades over three years. Middle school attendance is choice-based.

Mary M. Bethune Elementary and Attucks Middle
Combined Site Kindergarten through Eighth Grade School
Combine Mary M. Bethune Elementary and Attucks Middle as a kindergarten through eighth grade school.

Driftwood Elementary and Driftwood Middle
Combined Site Kindergarten through Eighth Grade School
Combine Driftwood Elementary and Driftwood Middle as a kindergarten through eighth grade school.

Broward Estates Elementary and Parkway Middle
Combined Site Kindergarten through Eighth Grade School
Combine Broward Estates Elementary and Parkway Middle as a kindergarten through eighth grade school.

Options: Early Learning Centers

- Fort Lauderdale has expressed an interest in replicating in their city the work done in Hallandale Beach at the Gulfstream Early Learning Center

- Large proportion of students eligible for Free & Reduced Price Lunch (FRL), a proxy economic indicator of poverty

- High number of students on the Head Start and Early Learning Subsidized Care wait lists

- High levels of poverty and greater number of eligibility points within Head Start classrooms

- Majority of students entering kindergarten not reaching readiness benchmark on Florida Kindergarten Readiness Screener

- Opportunities for Early Childhood partnership with City of Fort Lauderdale and/or private entities to provide services in non-school sites