

Overview of the 2018 NBS Reassignment Assignment Process - DRAFT 4/11/18

Reassignment Process and Enrollment Targets

- Per the new student assignment policy, the Superintendent sets annual enrollment targets.
- The January 2018 targets were set based on Oct 1, 2017 data for each school (see Appendix A).
- Since the population of 319 Economically Disadvantaged (ED) students at NBS is much higher (73%) than the district average (48.9%) we were not sure if the enrollment targets would work.
- The main concern was ensuring that this population had an equal chance of getting their choices.
- To test this out, we processed the assignments using 2 methods:
 - Method 1: Used the January Enrollment Targets (see Appendix A)
 - Method 2: Used targets of 75% (ED) and 25% (Non-ED) with adjustments to maximize sibling preference and choice as much as possible
- Table 1 demonstrates the outcomes of the reassignment process using the two methods.

Table 1: Outcomes of the Reassignment Process Using Adjusted Enrollment Targets

Assignment Goals	Method #1	Method #2
Maximize choice	<ul style="list-style-type: none"> • 70% got their 1st choice • 85.3% got 1 of their 3 choices • 3.8% (12) got none of their 3 choices • 6.2% got none of their incomplete choices 	<ul style="list-style-type: none"> • 73% got their 1st choice • 90.3% got 1 of their 3 choices • 1.3% (4) got none of their 3 choices • 4.4% got none of their incomplete choices
Equity in maximizing choice	<ul style="list-style-type: none"> • 69% of low income families got 1 of their 3 choices • 83% of non-low income families got 1 of their 3 choices 	<ul style="list-style-type: none"> • 89.7% of low-income families got 1 of their 3 choices • 91.8% of non-low income families got 1 of their 3 choices
Keep siblings together	<ul style="list-style-type: none"> • <i>89 (or 56%) of the 159 students with siblings wanted to be assigned together. The remaining 70 students indicated choices that were different from their siblings (e.g., CMS as a 1st choice).</i> • 75% of siblings were assigned together • 25% (22) of siblings who wanted to stay together were not assigned together 	<ul style="list-style-type: none"> • 83.1% of siblings were assigned together • 15.7% (14) of siblings who wanted to stay together were not assigned together – 12 are on the waiting list for Saltonstall, 2 on waiting list for HMLS
Ensure enrollment balance (within 5% of district avg = 48.9) at all schools	<ul style="list-style-type: none"> • All but two schools (CMS and HMLS) will have achieved enrollment balance following the NBS transfers, regardless of the method used. • The new enrollment balance for CMS is the same for both methods. • The enrollment imbalance for HMLS is slightly higher using Method #1 than Method #2 	<ul style="list-style-type: none"> • HMLS would have 58% students who are Economically Disadvantaged

On every measure, Method 2 achieves the overall goal of maximizing choice while achieving enrollment balance. Method 2 ensures that more families receive one of their choices, low-income families have the same chance of receiving one of their choices, more siblings are assigned together in the same school, and the resulting enrollment for all schools is either balanced or less imbalanced than with Method 1.

Enrollment Balance after NBS Reassignments

Table 2 presents each school's October 1st average percentage of Economically Disadvantaged students followed by the new average after the NBS reassignment process. The difference between the new average and the district-wide Oct 1st average of 48.9% is described in the third row.

Table 2: Enrollment Balance after NBS Reassignments Using Method 2

	Bates	Carlton	HMLS	Salts	WHES
Oct 1 Avg % ED	47.7%	45.6%	52.2%	39%	40%
Avg % ED after NBS transfers	53.6%	52.3%	58%	47.4%	46.2%
<i>Difference from district avg (48.9%)</i>	4.7%	3.4%	9.4%	-1.7%	-2.9%

Appendix A: 2018-19 Enrollment Targets Set in January

These enrollment targets were set in January 2018 and are currently being applied to the 2018-19 Kindergarten assignments. The targets included NBS as one of the schools.

Table 1: 2018-19 Enrollment Targets for Elementary and K-8 Schools—Used for KF Assignments

Elementary and K-8 Schools	2017-18 Econ Disadv (%)	Is the enrollment within this school balanced (within 5% of district avg)?	2018-19 Low Income Target	2018-19 Non-Low Income Target
<i>Bates K-5</i>	47.7%	Yes	50%	50%
<i>Carlton K-5</i>	45.6%	Yes	50%	50%
<i>HMLS K-5</i>	52.2%	Yes	50%	50%
<i>WHES K-5</i>	40.0%	No	60%	40%
<i>NBS K-8</i>	73.0%	No	30%	70%
<i>Saltonstall K-8</i>	39.0%	No	60%	40%
<i>SPS-District</i>	48.9%			