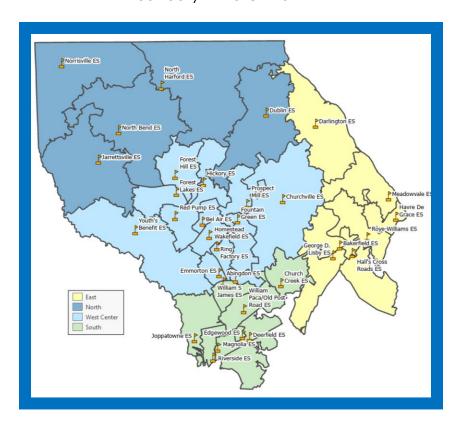
CRITICAL DATA / FLO ANALYTICS

Market Study Summary & Overall Insights for Harford County Public Schools

January - March 2021





Critical Data Strategies, LLC 620 South Washington Street Spokane, Washington 99204 CRITICAL-DATA.COM



Summary & Overall Insights

Parent/Guardian Interviews

Critical Data completed one-on-one executive style telephone interviews with 656 parents and guardians who have children in and reside within the Harford County Public Schools. Of those interviews, 80 were conducted with parents and guardians of high school students, 150 were completed with parents and guardians of middle school students, and 426 were conducted with parents of elementary school students. The interviews were broken out as follows:

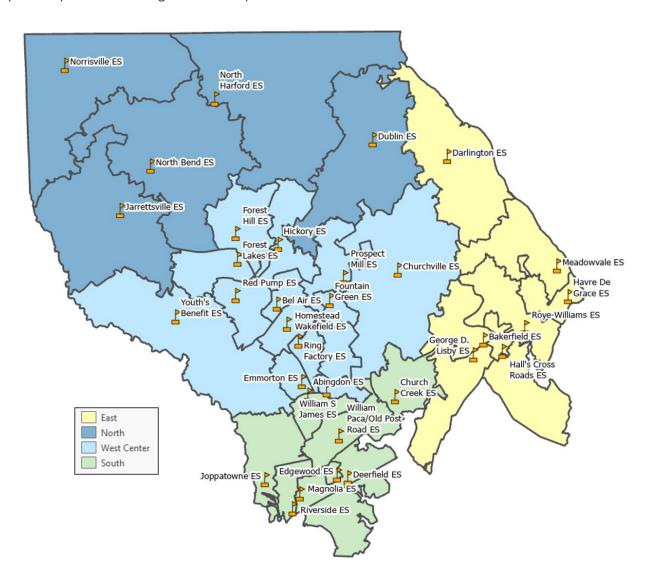
TIMES MENTIONED

REGION	ELEMENTARY	MIDDLE	HIGH	TOTAL
North	55	20	11	86
East	85	30	16	131
South	96	33	17	146
West/Central	190	67	36	293
TOTAL	426	150	80	656

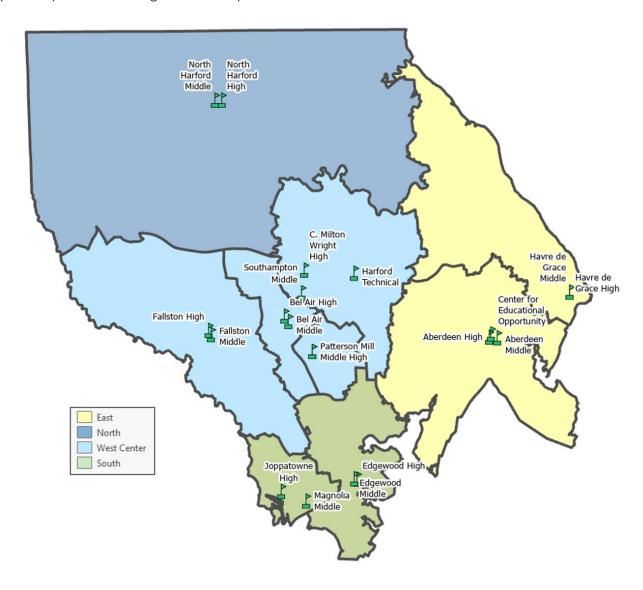
PERCENTAGES

REGION	ELEMENTARY	MIDDLE	HIGH	TOTAL
North	12.9%	13.3%	13.8%	13.1%
East	20.0%	20.0%	20.0%	20.0%
South	22.5%	22.0%	21.3%	22.3%
West/Central	44.6%	44.7%	45.0%	44.7%
TOTAL	100%	100%	100%	100%











- 100% of the 656 respondents confirmed that they have children attending schools in the Harford County Public Schools.
- 61.0% of all study respondents are aware that some schools within the district are overcrowded while others are underutilized.

The awareness levels differ by area. 66.2% of West/Central and 65.1% of North respondents are aware while only 51.9% of those residing in the East and 56.2% of South parents/guardians are aware of this issue.

TIMES MENTIONED

RESPONSE	NORTH	EAST	SOUTH	WEST/ CENTRAL	TOTAL
Yes	56	68	82	194	400
No	30	63	61	95	249
Don't know/ Refused	0	0	3	4	7
TOTAL	86	131	146	293	656

PERCENTAGES

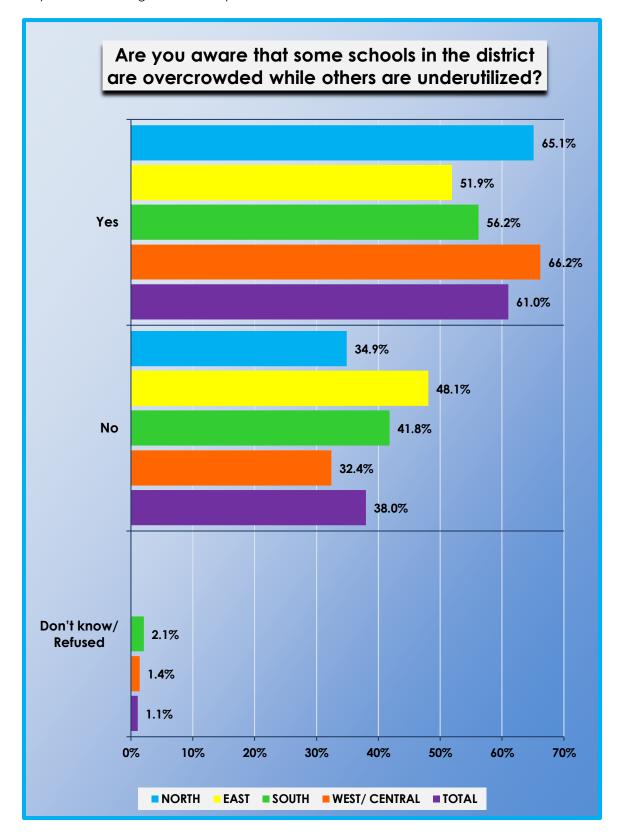
RESPONSE	NORTH	EAST	SOUTH	WEST/ CENTRAL	TOTAL
Yes	65.1%	51.9%	56.2%	66.2%	61.0%
No	34.9%	48.1%	41.8%	32.4%	38.0%
Don't know/ Refused	0.0%	0.0%	2.1%	1.4%	1.1%
TOTAL	100%	100%	100%	100%	100%

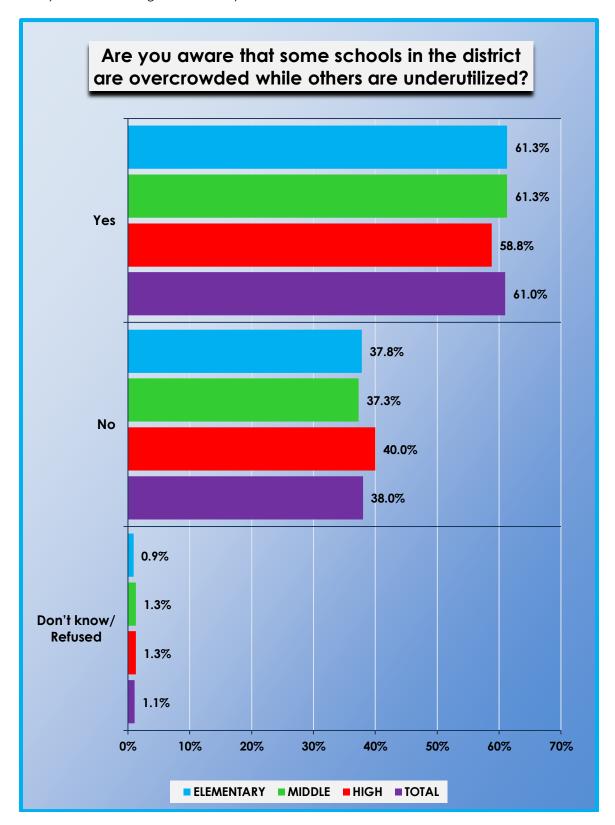
TIMES MENTIONED

RESPONSE	ELEMENTARY	MIDDLE	HIGH	TOTAL
Yes	261	92	47	400
No	161	56	32	249
Don't know/ Refused	4	2	1	7
TOTAL	426	150	80	656

PERCENTAGES

RESPONSE	ELEMENTARY	MIDDLE	HIGH	TOTAL
Yes	61.3%	61.3%	58.8%	61.0%
No	37.8%	37.3%	40.0%	38.0%
Don't know/ Refused	0.9%	1.3%	1.3%	1.1%
TOTAL	100%	100%	100%	100%

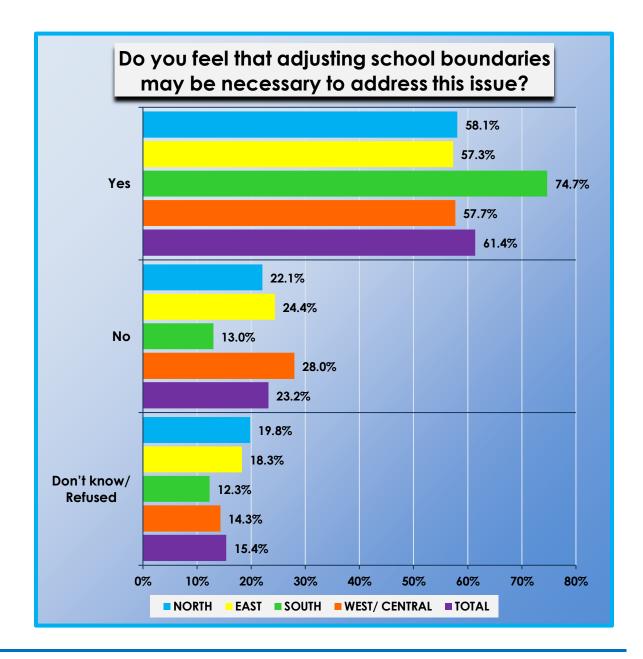


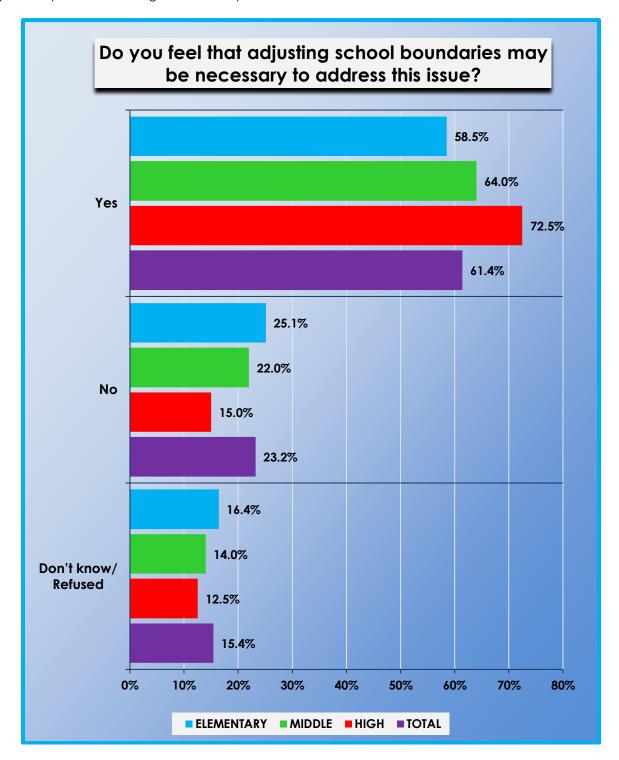




 61.4% of all parents/guardians interviewed feel that adjusting school boundaries may be necessary to address the issues. The perceptions differ significantly by area and by grade level:

0	South residents	74.4%
0	North residents	58.1%
0	West/Central residents	57.7%
0	East residents	57.3%
0	High school parents/guardians	72.5%
0	Middle school parents/guardians	64.0%
0	Elementary parents/guardians	58.5%

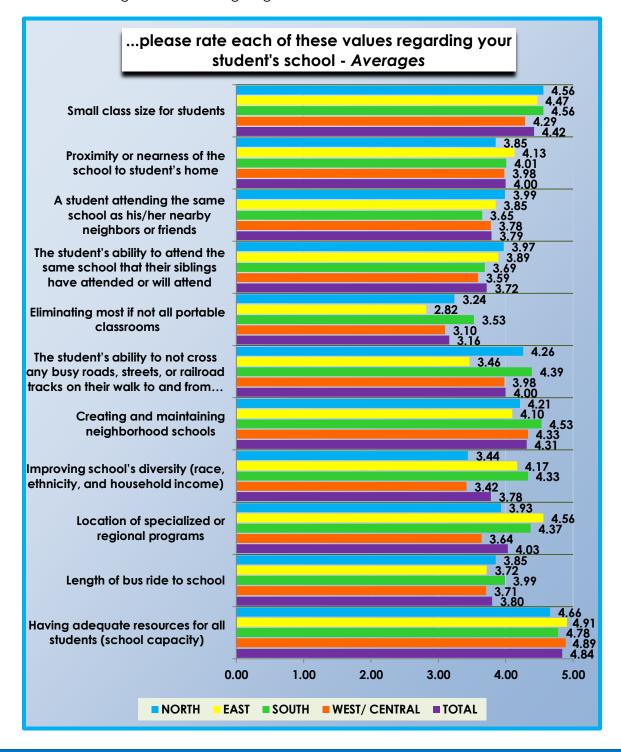






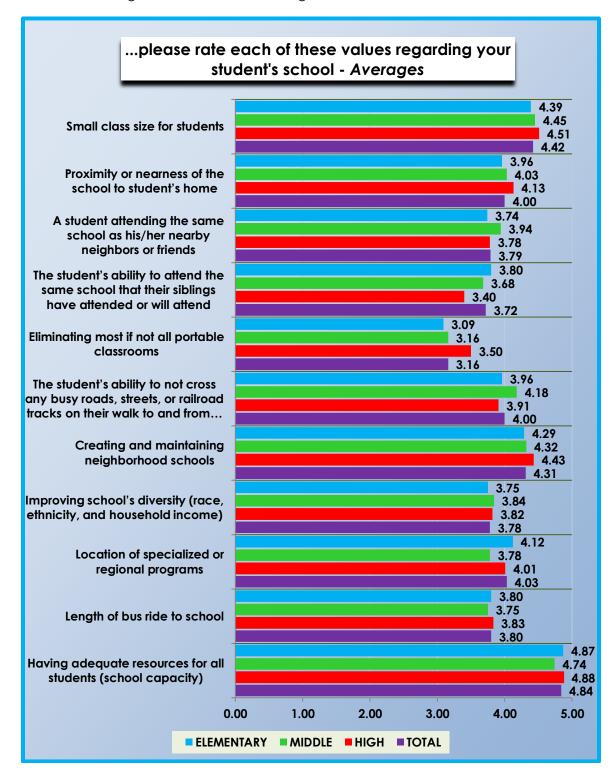
• Parents were provided a list of eleven attributes and asked to rank each in their overall importance to them regarding their student's school. Those rated as most important were:

0	Adequate resources for all students	4.84
0	Small class size for students	4.42
0	Creating and maintaining neighborhood schools	4.31





- Of the eleven factors rated, the least important factors to parents were:
 - Eliminating most if not all portable classrooms
 3.16
 - Attending the same school as siblings attend/attended
 3.72





• Parents/guardians were asked to identify what is most important to them regarding the schools that their child/children attend.

RESPONSE	NORTH	EAST	SOUTH	WEST/ CENTRAL	TOTAL
Quality of the school and their teachers	52.3%	37.4%	48.6%	58.4%	51.2%
Class size	33.7%	23.7%	17.8%	24.9%	24.2%
Quality of their education/ good curriculum	11.6%	9.9%	7.5%	30.7%	18.9%
Safety/ security	15.1%	7.6%	20.5%	11.6%	13.3%
Accessibility to special education services/ resources	12.8%	18.3%	8.2%	11.3%	12.2%
Having adequate resources for all students (school capacity)	14.0%	12.2%	4.8%	14.0%	11.6%
Same school as student(s) attended; they should not have to change	3.5%	11.5%	1.4%	13.3%	9.0%
Proximity to home/ walkability	2.3%	18.3%	2.1%	8.9%	8.4%
Attend the same school as their nearby neighborhood friends	8.1%	7.6%	1.4%	3.8%	4.6%
Better programs/ clubs/ opportunities	4.7%	3.8%	2.7%	5.1%	4.3%
Diversity/ demographics	2.3%	8.4%	4.8%	2.7%	4.3%
Length of bus ride to school	4.7%	9.9%	0.7%	2.0%	3.7%
Student well-being	4.7%	1.5%	2.1%	2.4%	2.4%
Positive school/ learning environment	4.7%	1.5%	1.4%	2.4%	2.3%
Don't know/ Refused	4.7%	0.8%	4.1%	1.0%	2.1%
COVID-19 concerns	1.2%	2.3%	2.1%	2.0%	2.0%
Good communication	1.2%	1.5%	2.1%	2.4%	2.0%
Creating and maintaining neighborhood schools	1.2%	2.3%	0.7%	1.7%	1.5%
Transportation to and from school/ bus ride	0.0%	2.3%	0.7%	0.0%	0.6%
Location of the school	0.0%	0.0%	1.4%	0.3%	0.5%
Boundary flexibility/ exceptions	1.2%	0.0%	0.0%	0.3%	0.3%
Siblings attend same school	0.0%	0.8%	0.0%	0.3%	0.3%
Everything is important	0.0%	0.0%	0.7%	0.0%	0.2%

^{*656} responded to this question: 86-North, 131-East, 146-South, and 293-West/Central Question allowed for more than one response; Percentages based on number of respondents



• By more than twice over the second named response parents/guardians rank the quality of the school and their teachers as the most important factor, named by 51.2%. Class size was second with 24.2% followed by the quality of education and curriculum. (18.9%)

RESPONSE	ELEMENTARY	MIDDLE	HIGH	TOTAL
Quality of the school and their teachers	50.7%	53.3%	50.0%	51.2%
Class size	28.4%	16.0%	17.5%	24.2%
Quality of their education/ good curriculum	16.0%	20.7%	31.3%	18.9%
Safety/ security	12.2%	16.7%	12.5%	13.3%
Accessibility to special education services/ resources	14.6%	8.0%	7.5%	12.2%
Having adequate resources for all students (school capacity)	12.0%	9.3%	13.8%	11.6%
Same school as student(s) attended; they should not have to change	11.5%	5.3%	2.5%	9.0%
Proximity to home/ walkability	10.1%	5.3%	5.0%	8.4%
Attend the same school as their nearby neighborhood friends	5.2%	4.0%	2.5%	4.6%
Better programs/ clubs/ opportunities	4.5%	3.3%	5.0%	4.3%
Diversity/ demographics	4.7%	4.0%	2.5%	4.3%
Length of bus ride to school	4.9%	2.0%	0.0%	3.7%
Student well-being	2.1%	4.0%	1.3%	2.4%
Positive school/ learning environment	1.9%	2.7%	3.8%	2.3%
Don't know/ Refused	1.2%	5.3%	1.3%	2.1%
COVID-19 concerns	1.6%	3.3%	1.3%	2.0%
Good communication	1.9%	2.0%	2.5%	2.0%
Creating and maintaining neighborhood schools	2.1%	0.0%	1.3%	1.5%
Transportation to and from school/ bus ride	0.9%	0.0%	0.0%	0.6%
Location of the school	0.2%	0.0%	2.5%	0.5%
Boundary flexibility/ exceptions	0.5%	0.0%	0.0%	0.3%
Siblings attend same school	0.5%	0.0%	0.0%	0.3%
Everything is important	0.2%	0.0%	0.0%	0.2%

^{*656} responded to this question: 426-Elementary, 150-Middle, and 80-High Question allowed for more than one response; Percentages based on number of respondents



- In an open-ended question, parents/guardians were asked if they had other concerns relating to boundary issues. While a number of concerns were mentioned, two were identified by all groups combined more than twice as often as the others:
 - Go to same school as they currently attend/no change in school
 27.4%
 - The quality of the school and its teachers 24.1%
- The responses to this question differed by area. The concern about their child/children changing schools was mentioned by 37.2% of those residing in the West/Central areas, while only 12.3% of those in the South area mentioned this concern.
- Parents and guardians who reside in the East areas are most concerned that special programs will no longer be offered at the same schools. (35.9%)
- Parents/guardians of elementary students voiced two strong concerns:
 - That their child would need to change schools 29.6%
 - The quality of the school and its teachers
 29.6%



RESPONSE	NORTH	EAST	SOUTH	WEST/ CENTRAL	TOTAL
Students will change schools	29.1%	21.4%	12.3%	37.2%	27.4%
Quality of the school and their teachers	17.4%	24.4%	14.4%	30.7%	24.1%
Don't know/ Refused	11.6%	7.6%	30.1%	11.3%	14.8%
Special programs will no longer be offered at the same schools	4.7%	35.9%	4.1%	9.9%	13.1%
Length of bus ride to school will increase	15.1%	7.6%	4.8%	13.7%	10.7%
Transportation to and from school	5.8%	22.1%	8.9%	5.8%	9.8%
Students will no longer attend same school as their nearby neighborhood friends	14.0%	11.5%	0.7%	9.6%	8.5%
Loss of community school	5.8%	10.7%	2.1%	10.6%	8.1%
Proximity to our home/ walkability	7.0%	2.3%	9.6%	8.2%	7.2%
Overcrowding at schools	7.0%	0.0%	7.5%	3.4%	4.1%
Logical/ clear boundaries	8.1%	1.5%	2.7%	2.7%	3.2%
Child will attend different school than sibling(s) attended	2.3%	5.3%	1.4%	2.4%	2.7%
Safety/ security	0.0%	6.9%	2.7%	1.7%	2.7%
Diversity/ demographics	4.7%	2.3%	2.1%	2.0%	2.4%
Boundary flexibility/ exceptions	1.2%	2.3%	2.7%	2.4%	2.3%
Class sizes	1.2%	1.5%	2.7%	2.7%	2.3%
Property values/ taxes increasing	3.5%	0.0%	0.7%	3.4%	2.1%
Changing the middle/ high school feeder pattern	3.5%	0.8%	0.0%	1.7%	1.4%
Parental input/ communication	2.3%	0.8%	0.7%	1.0%	1.1%
COVID-19 concerns	1.2%	0.8%	1.4%	0.7%	0.9%

^{*656} responded to this question: 86-North, 131-East, 146-South, and 293-West/Central Question allowed for more than one response; Percentages based on number of respondents



RESPONSE	ELEMENTARY	MIDDLE	HIGH	TOTAL
Students will change schools	29.6%	23.3%	23.8%	27.4%
Quality of the school and their teachers	29.6%	16.0%	10.0%	24.1%
Don't know/ Refused	14.3%	13.3%	20.0%	14.8%
Special programs will no longer be offered at the same schools	17.4%	6.7%	2.5%	13.1%
Length of bus ride to school will increase	10.3%	12.7%	8.8%	10.7%
Transportation to and from school	12.0%	4.7%	7.5%	9.8%
Students will no longer attend same school as their nearby neighborhood friends	7.7%	10.7%	8.8%	8.5%
Loss of community school	10.8%	3.3%	2.5%	8.1%
Proximity to our home/ walkability	7.0%	6.7%	8.8%	7.2%
Overcrowding at schools	4.5%	5.3%	0.0%	4.1%
Logical/ clear boundaries	2.1%	5.3%	5.0%	3.2%
Child will attend different school than sibling(s) attended	3.8%	1.3%	0.0%	2.7%
Safety/ security	2.1%	2.7%	6.3%	2.7%
Diversity/ demographics	2.3%	0.7%	6.3%	2.4%
Boundary flexibility/ exceptions	1.6%	2.0%	6.3%	2.3%
Class sizes	2.1%	4.0%	0.0%	2.3%
Property values/ taxes increasing	2.1%	1.3%	2.5%	2.1%
Changing the middle/ high school feeder pattern	1.2%	2.0%	1.3%	1.4%
Parental input/ communication	0.9%	1.3%	1.3%	1.1%
COVID-19 concerns	0.2%	2.7%	1.3%	0.9%

^{*656} responded to this question: 426-Elementary, 150-Middle, and 80-High Question allowed for more than one response; Percentages based on number of respondents



 Parents/guardians were asked what the most important thing for Harford County Public Schools to consider when embarking upon and implementing this boundary revision process.
 While a number of responses were offered, the combined most important were:

\circ	Quality of the	adjucation	and curriculum	16.5%
\circ	Quality of the	eaucanon	ana cumculum	16.3%

O Class size 16.0%

Quality of the school and their teachers
 15.9%

- While the above responses were the top responses combined for all groups and grade level, differences exist between geography and grade level:
 - O Class size is most important to parents/guardians residing in the North areas. (20.9%)
 - Quality of school and teachers <u>and</u> accessibility to special education services and resources are tied as the top responses by those residing in East areas. (26.0%)
 - While the quality of the education and curriculum was the top combined response within all three grade levels, no single level chose that as its top response:

Elementary School top choice: Quality of the school and teachers

Middle School top choice: Proximity to our home/walkability

High School top choice: Proximity to our home/walkability



RESPONSE	NORTH	EAST	SOUTH	WEST/ CENTRAL	TOTAL
Quality of their education/ good curriculum	7.0%	22.9%	11.6%	18.8%	16.5%
Class size	20.9%	18.3%	7.5%	17.7%	16.0%
Quality of the school and their teachers	7.0%	26.0%	6.2%	18.8%	15.9%
Same school as they have attended. I do not want them to change	16.3%	16.0%	3.4%	14.7%	12.7%
Proximity to our home/ walkability	11.6%	16.0%	10.3%	12.3%	12.5%
Accessibility to special education services/ resources	8.1%	26.0%	1.4%	11.3%	11.6%
Student well-being	10.5%	13.7%	9.6%	10.9%	11.1%
Don't know/ Refused	10.5%	7.6%	21.9%	7.2%	11.0%
Parental input/ involvement	4.7%	9.2%	4.1%	13.7%	9.5%
Logical/ clear plan	4.7%	7.6%	2.1%	11.9%	7.9%
Transportation to and from school/ bus ride	10.5%	12.2%	6.8%	5.5%	7.8%
Safety/ security	2.3%	9.2%	6.2%	6.5%	6.4%
Creating and maintaining neighborhood schools	5.8%	9.9%	3.4%	4.8%	5.6%
Diversity/ demographics	5.8%	7.6%	6.2%	4.4%	5.6%
Equal opportunities and resources at all the schools/ for all students	1.2%	6.1%	3.4%	6.5%	5.0%
Population of the school/ limit overcrowding	10.5%	1.5%	6.2%	4.4%	5.0%
Future growth	3.5%	0.8%	2.1%	5.8%	3.7%
Build new/ more schools	4.7%	1.5%	0.7%	5.5%	3.5%
COVID-19 concerns	4.7%	7.6%	1.4%	1.0%	2.9%
Better programs/ clubs/ athletics/ extracurricular opportunities	0.0%	0.0%	1.4%	4.8%	2.4%
Siblings attend same school	0.0%	3.8%	2.7%	1.4%	2.0%
Go to the same school as their nearby neighborhood friends	4.7%	1.5%	2.1%	1.0%	1.8%
Boundary flexibility/ exceptions	2.3%	2.3%	1.4%	1.4%	1.7%
Good communication	0.0%	3.8%	0.0%	2.0%	1.7%
Property values/ taxes	0.0%	2.3%	0.0%	1.4%	1.1%
Location of the school	0.0%	0.8%	1.4%	1.0%	0.9%
Middle/ high school path	1.2%	0.0%	0.0%	0.0%	0.2%

^{*656} responded to this question: 86-North, 131-East, 146-South, and 293-West/Central Question allowed for more than one response; Percentages based on number of respondents



RESPONSE	ELEMENTARY	MIDDLE	HIGH	TOTAL
Quality of their education/ good curriculum	18.1%	13.3%	13.8%	16.5%
Class size	17.6%	12.0%	15.0%	16.0%
Quality of the school and their teachers	20.4%	9.3%	3.8%	15.9%
Same school as they have attended. I do not want them to change	13.8%	12.0%	7.5%	12.7%
Proximity to our home/ walkability	10.3%	16.7%	16.3%	12.5%
Accessibility to special education services/ resources	16.2%	4.0%	1.3%	11.6%
Student well-being	11.0%	10.0%	13.8%	11.1%
Don't know/ Refused	9.6%	13.3%	13.8%	11.0%
Parental input/ involvement	11.0%	6.0%	7.5%	9.5%
Logical/ clear plan	9.9%	5.3%	2.5%	7.9%
Transportation to and from school/ bus ride	8.7%	3.3%	11.3%	7.8%
Safety/ security	6.1%	6.7%	7.5%	6.4%
Creating and maintaining neighborhood schools	6.3%	4.0%	5.0%	5.6%
Diversity/ demographics	7.3%	2.0%	3.8%	5.6%
Equal opportunities and resources at all the schools/ for all students	5.4%	3.3%	6.3%	5.0%
Population of the school/ limit overcrowding	6.6%	1.3%	3.8%	5.0%
Future growth	3.3%	4.7%	3.8%	3.7%
Build new/ more schools	3.8%	3.3%	2.5%	3.5%
COVID-19 concerns	3.8%	1.3%	1.3%	2.9%
Better programs/ clubs/ athletics/ extracurricular opportunities	3.3%	0.7%	1.3%	2.4%
Siblings attend same school	2.3%	2.0%	0.0%	2.0%
Go to the same school as their nearby neighborhood friends	1.4%	3.3%	1.3%	1.8%
Boundary flexibility/ exceptions	1.6%	1.3%	2.5%	1.7%
Good communication	1.4%	0.7%	5.0%	1.7%
Property values/ taxes	0.9%	2.0%	0.0%	1.1%
Location of the school	0.9%	0.0%	2.5%	0.9%
Middle/ high school path	0.2%	0.0%	0.0%	0.2%

^{*656} responded to this question: 426-Elementary, 150-Middle, and 80-High Question allowed for more than one response Percentages based on number of respondents



"My biggest concern is having too many kids in any one classroom.

This process is not a 'win' if some schools are still overcrowded.

The teacher/student ratio needs to be so a child can best learn."

- West/Central Elementary Parent/Guardian

In Summary

- More than one third of the combined parents/guardians from all groups are not aware of any overcrowding or underutilized facility issues. Nearly half (48.1%) of those residing in the East areas have no awareness. Critical Data understands that while the interviews were conducted in January and February of 2021 awareness may be significantly higher today due to district communication efforts that have taken place since January. The higher the awareness of these issues, the smoother the overall boundary review and adjustment process becomes.
- Harford County Public Schools is diverse in its demographic and psychographic composition.
 Stark differences exist between residents residing in each of the four area. These differences are evident throughout this study when it comes to issues of importance regarding their student's schools. This is certainly not a one size fits all district, and the concerns and the areas of prime importance must be addressed within each of the four areas separately.
- Parents were provided a list of eleven attributes and asked to rank each in their overall importance to them regarding their student's school. Those rated as <u>most important</u> were:

0	Adequate resources for all students	4.84
0	Small class size for students	4.42
0	Creating and maintaining neighborhood schools	4.31

Throughout this study including the open-ended comments and dialogue with parents and guardians the issue of adequate resources for all students surfaced regularly. A perception exists that resources are not equally available throughout the district schools. As shown with its 4.84 rating (On a 1-5 scale), this is of utmost importance.

• The 656 parents and guardians who participated in this survey were passionate regarding the issues discussed. Some respondents were emotionally charged (some due to the virtual learning vs. in-person learning and related stresses they were experiencing), while the majority provided thoughtful responses. The average interview length was more than 17 minutes in length and a large number of respondents expressed their deep thanks to the district for asking for their input.



 So many parents/guardians participating in this study volunteered that they purchased their current home based upon the school and its specific offerings, and that making a change would devastate their family.

"We understand what a challenge it is for the district to make these changes. I just want the leaders to do what truly makes sense. Keeping the student's overall welfare in mind and what's best for the students and for their families. Please also know that after school programs, extracurriculars, sports and programs addressing special needs are as important. Maybe nearly as important as the basic classroom education."

- West/Central Elementary Parent/Guardian