

Boundary Review Work to Date: Community Surveys & Enrollment Forecasts

December 3, 2019



Boundary Review Team

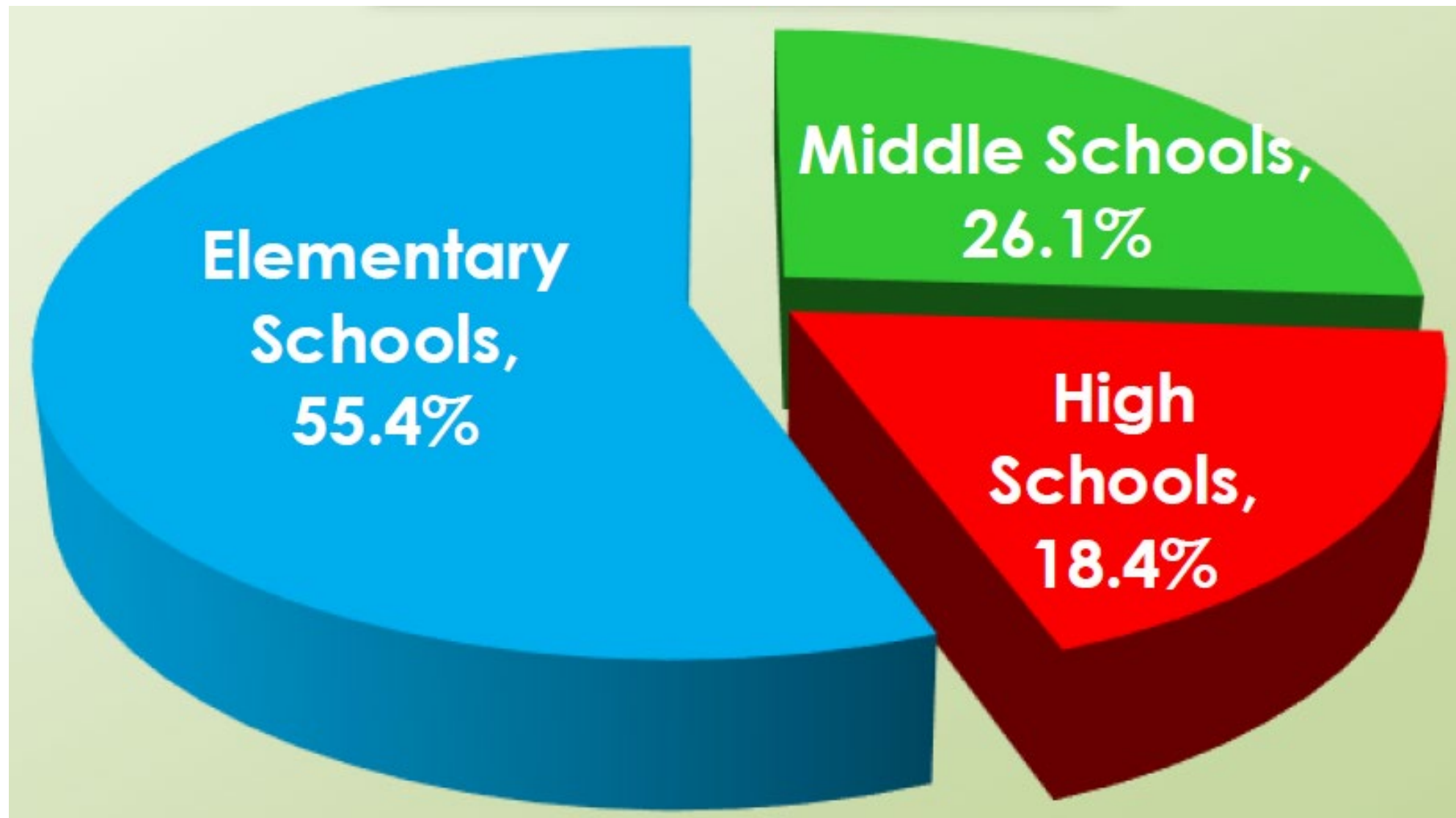
Jeff Voeller, *District Director of Operations*

Jed Roberts, *FLO Analytics Project Manager*

Jenna Putnam, *FLO Analytics Mapping Technician*

Student Household Surveys

Household Response Rate by Grade Group



- 1,744 households completed a survey
- 3,109 students in those households
- District-wide response rate represents **29%** of students

Student Household Surveys

Response Rate by Students Enrolled (Elementary)

Elementary School	# of Students in Surveyed Household	# of Students Enrolled as of 10/15/19	Response Rate
Atlas	211	593	36%
Borah	46	342	13%
Bryan	139	402	35%
Dalton	176	444	40%
Fernan	94	420	22%
Hayden Meadows	168	490	34%
NExA	95	281	34%
Ramsey	223	736	30%
Skyway	256	644	40%
Sorensen	127	313	41%
Winton	106	503	21%

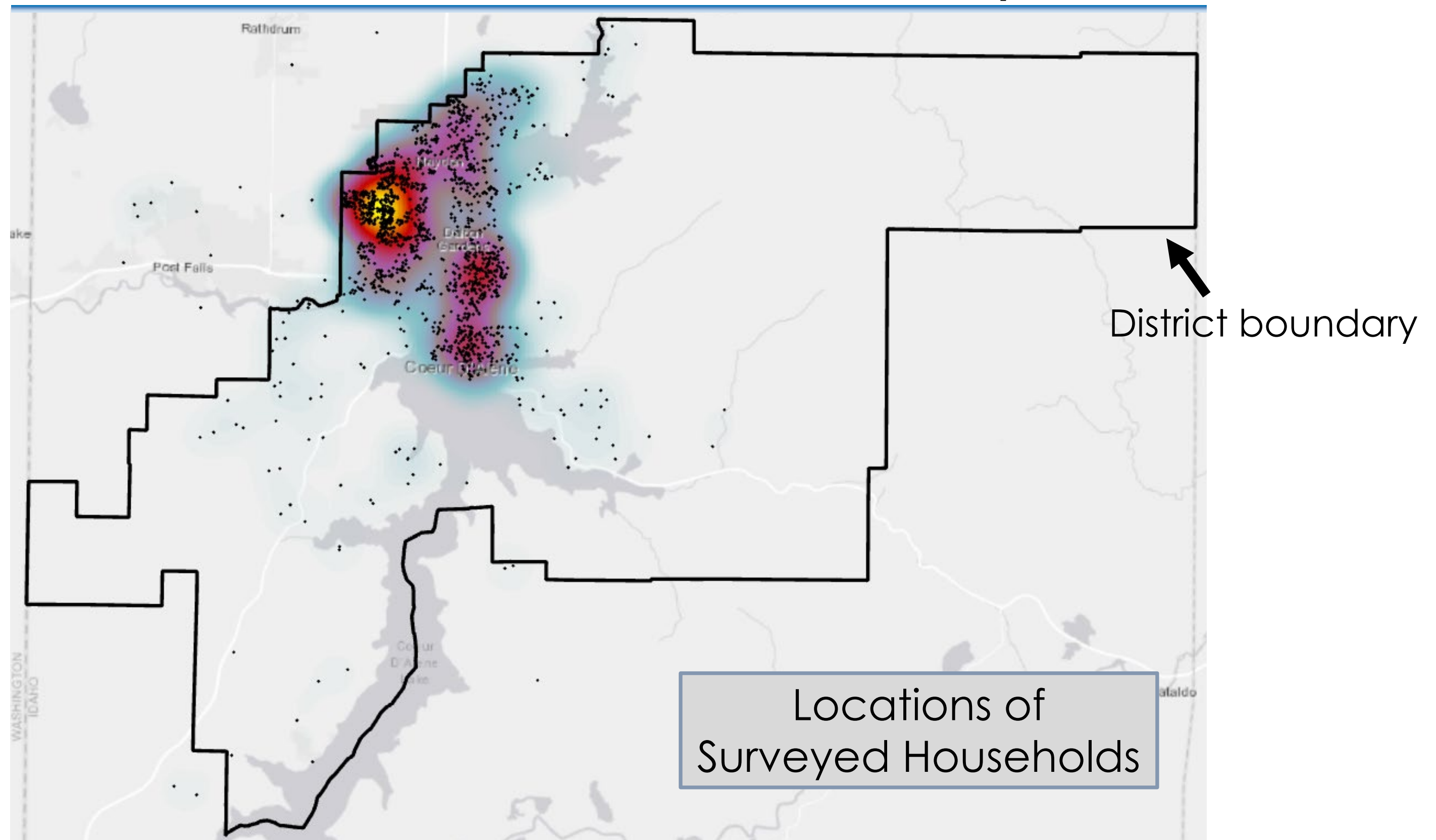
Student Household Surveys

Response Rate by Students Enrolled (MS and HS)

Middle School	# of Students in Surveyed Household	# of Students Enrolled as of 10/15/19	Response Rate
Canfield	294	858	34%
Lakes	161	716	22%
Woodland	270	891	30%

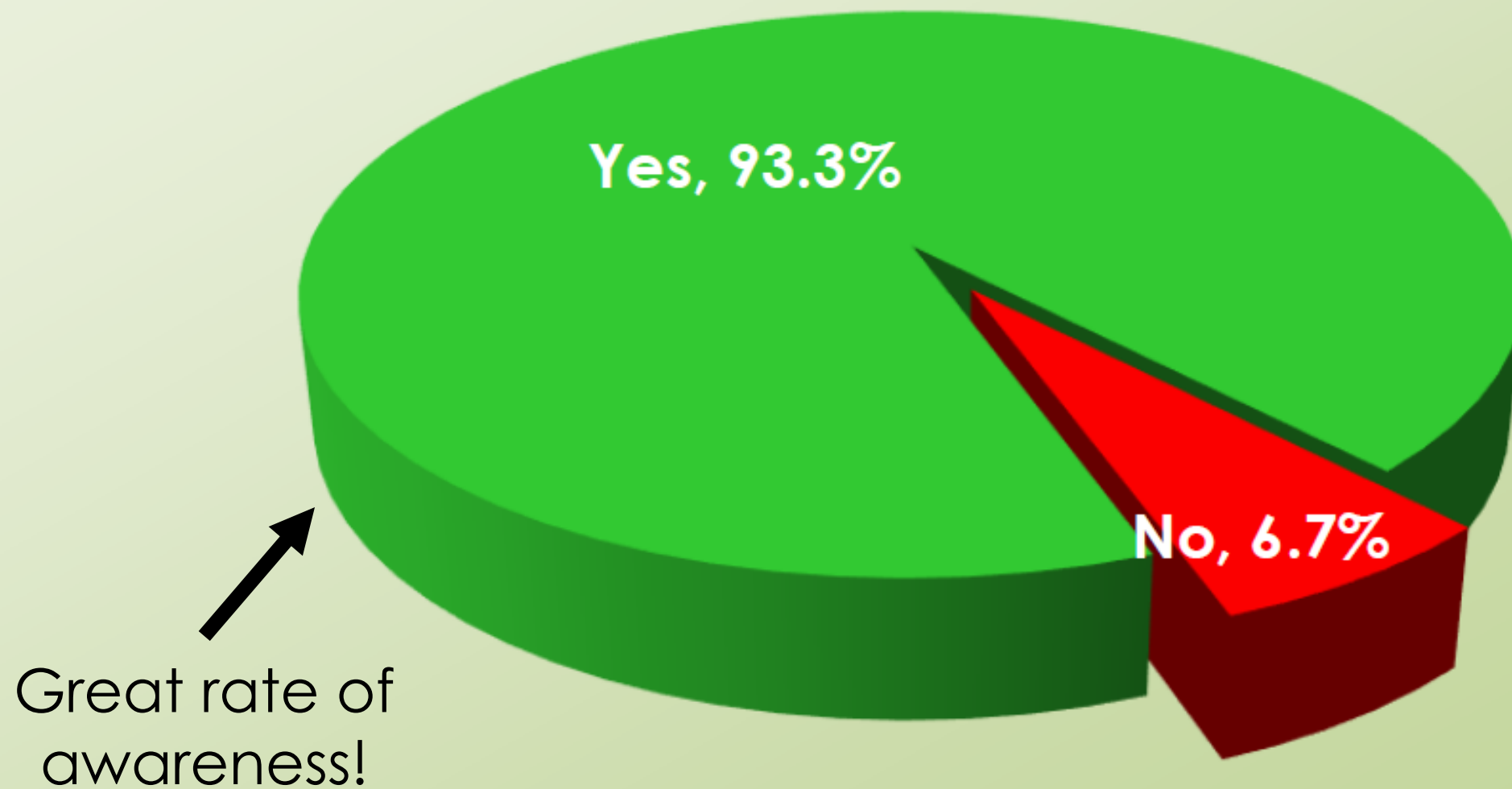
High School	# of Students in Surveyed Household	# of Students Enrolled as of 10/15/19	Response Rate
Coeur d'Alene	344	1,436	24%
Lake City	377	1,646	23%
Venture	22	167	29%

Student Household Surveys



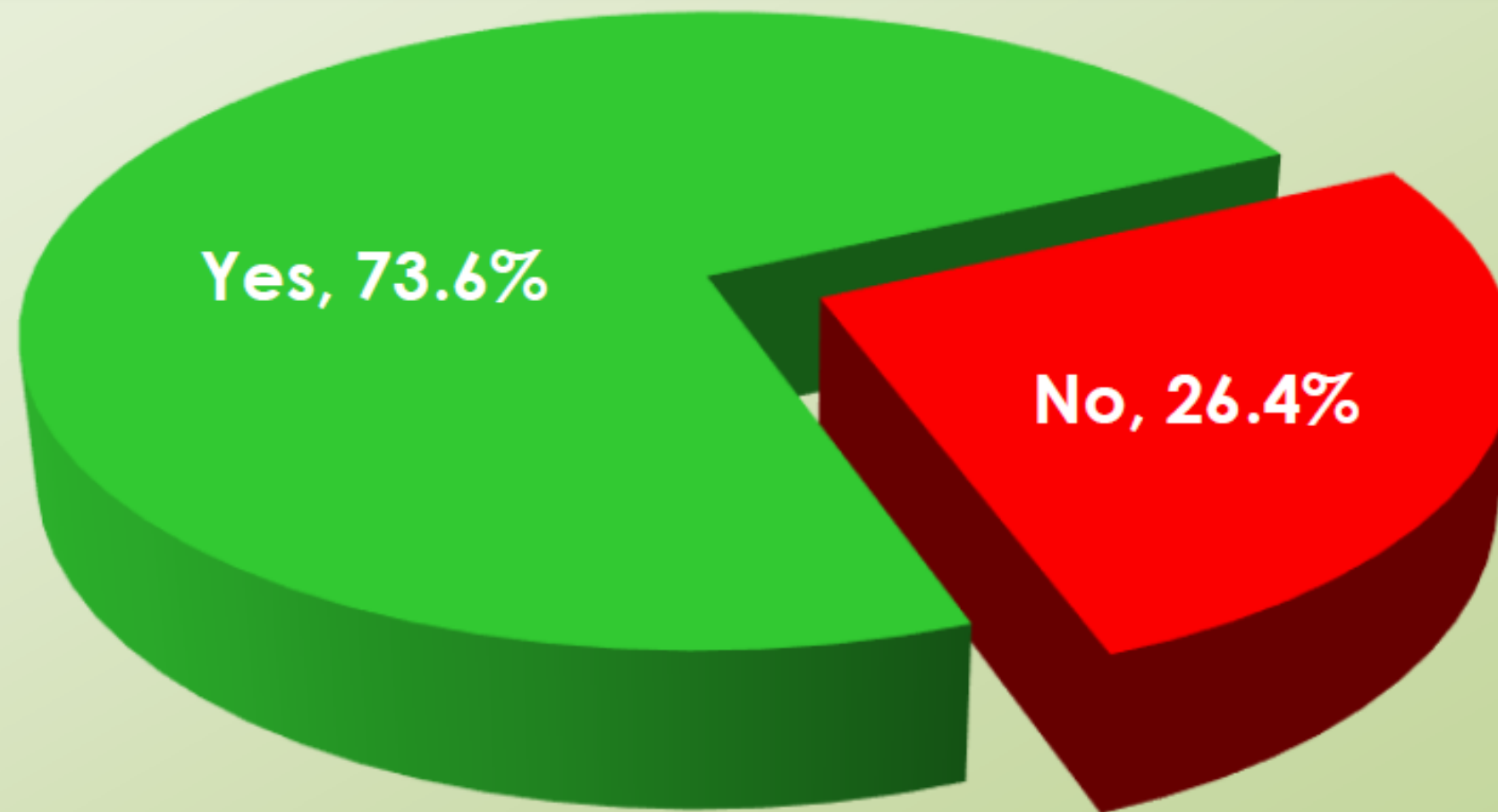
Student Household Surveys

Are you aware of challenge of overcrowding and growth within Coeur d'Alene School District?



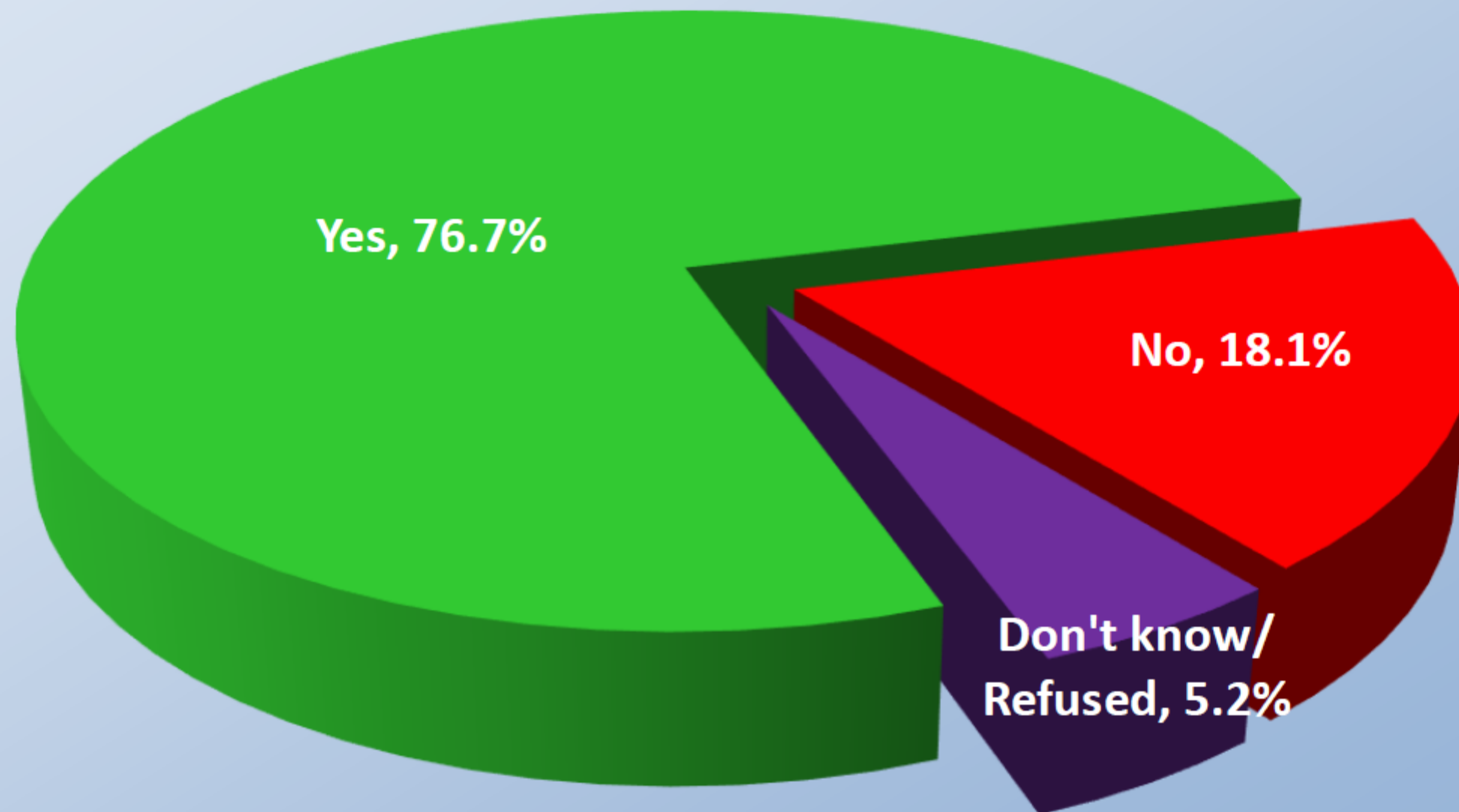
Student Household Surveys

Are you aware that the District will add capacity at some schools which will change some of the school boundaries?



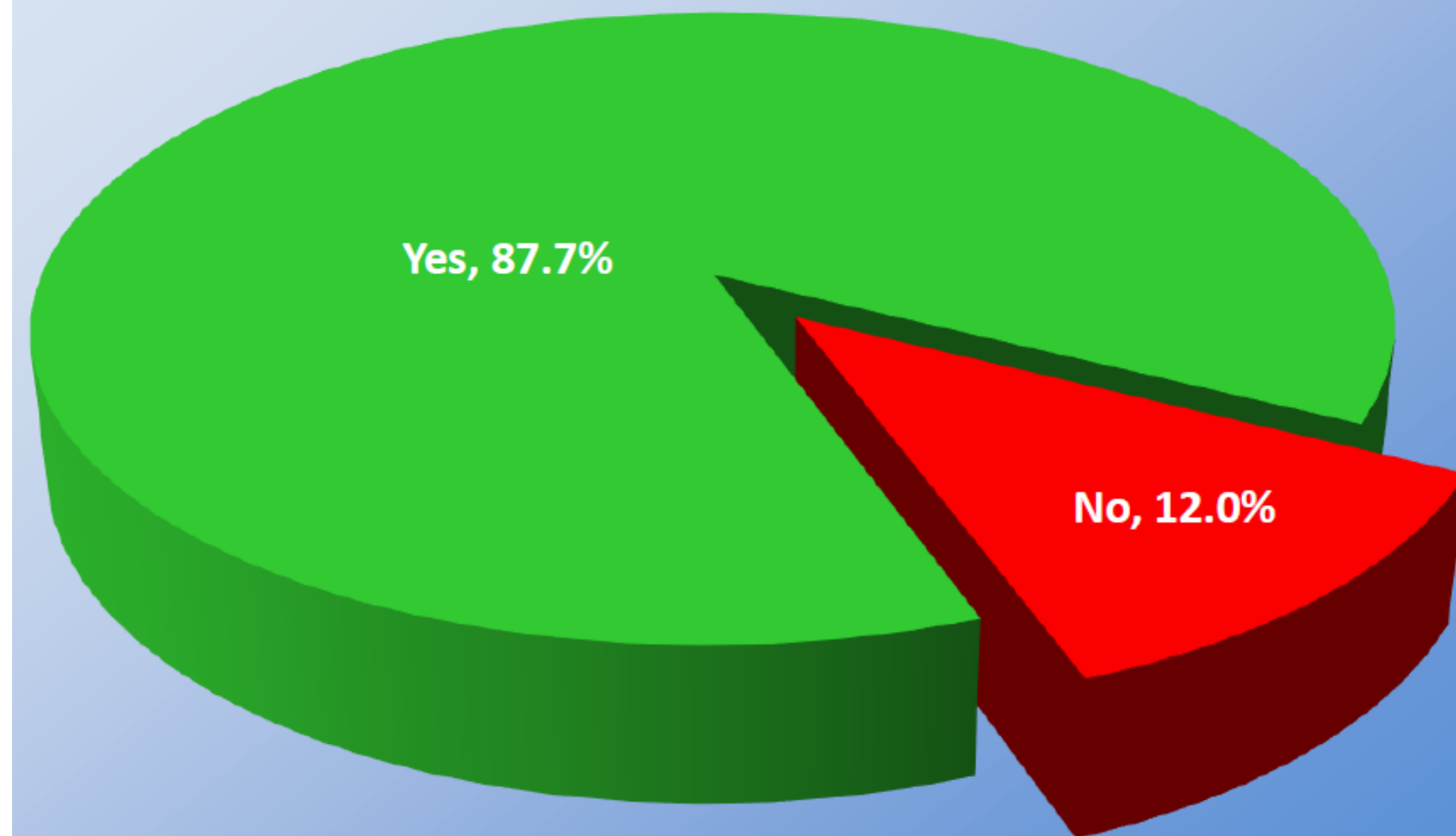
Student Household Surveys

Looking ahead 3 or 4 years from today, do you think you will reside in your current home?



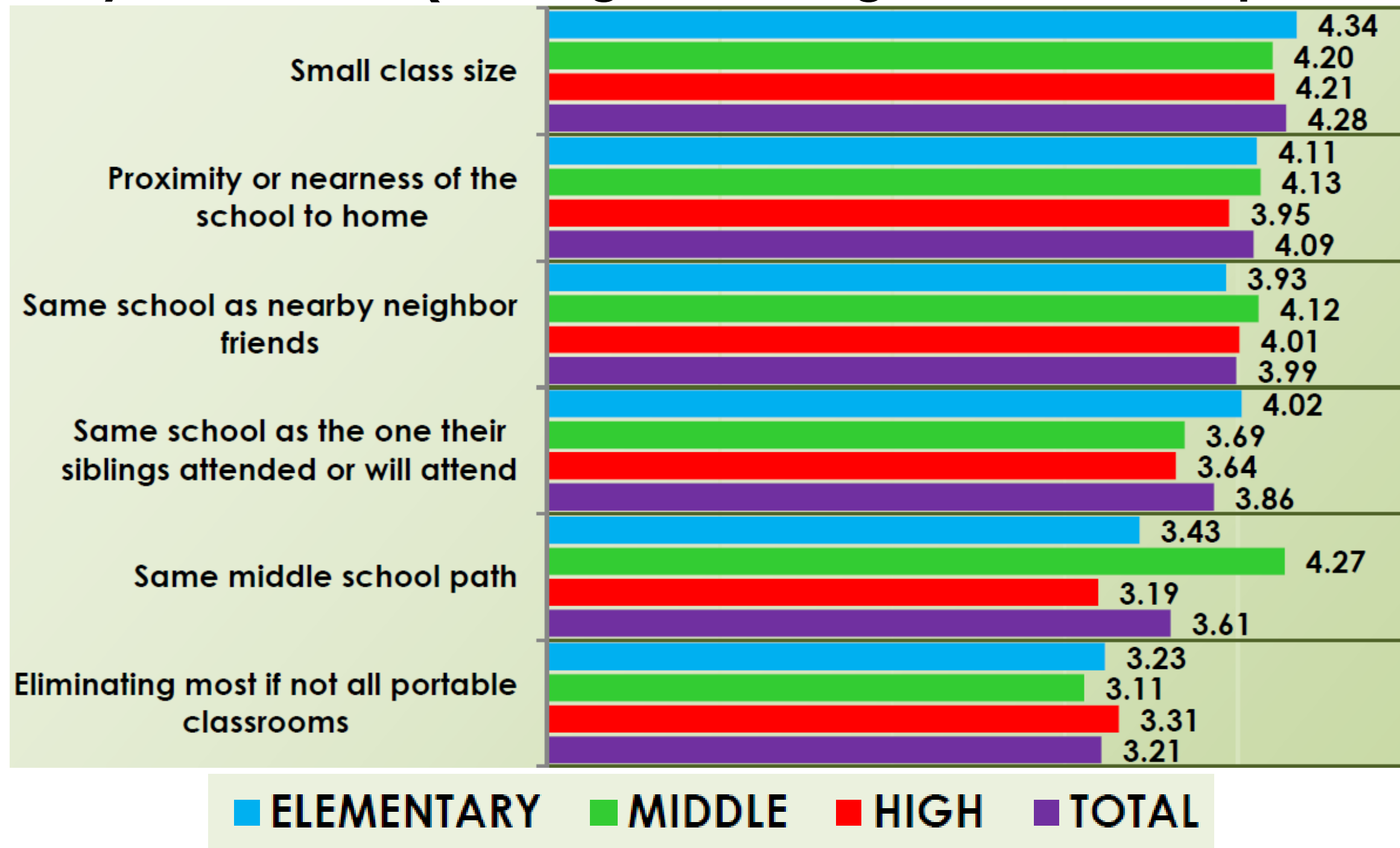
Student Household Surveys

**Will you most likely remain within the
Coeur d'Alene School District?**



Student Household Surveys

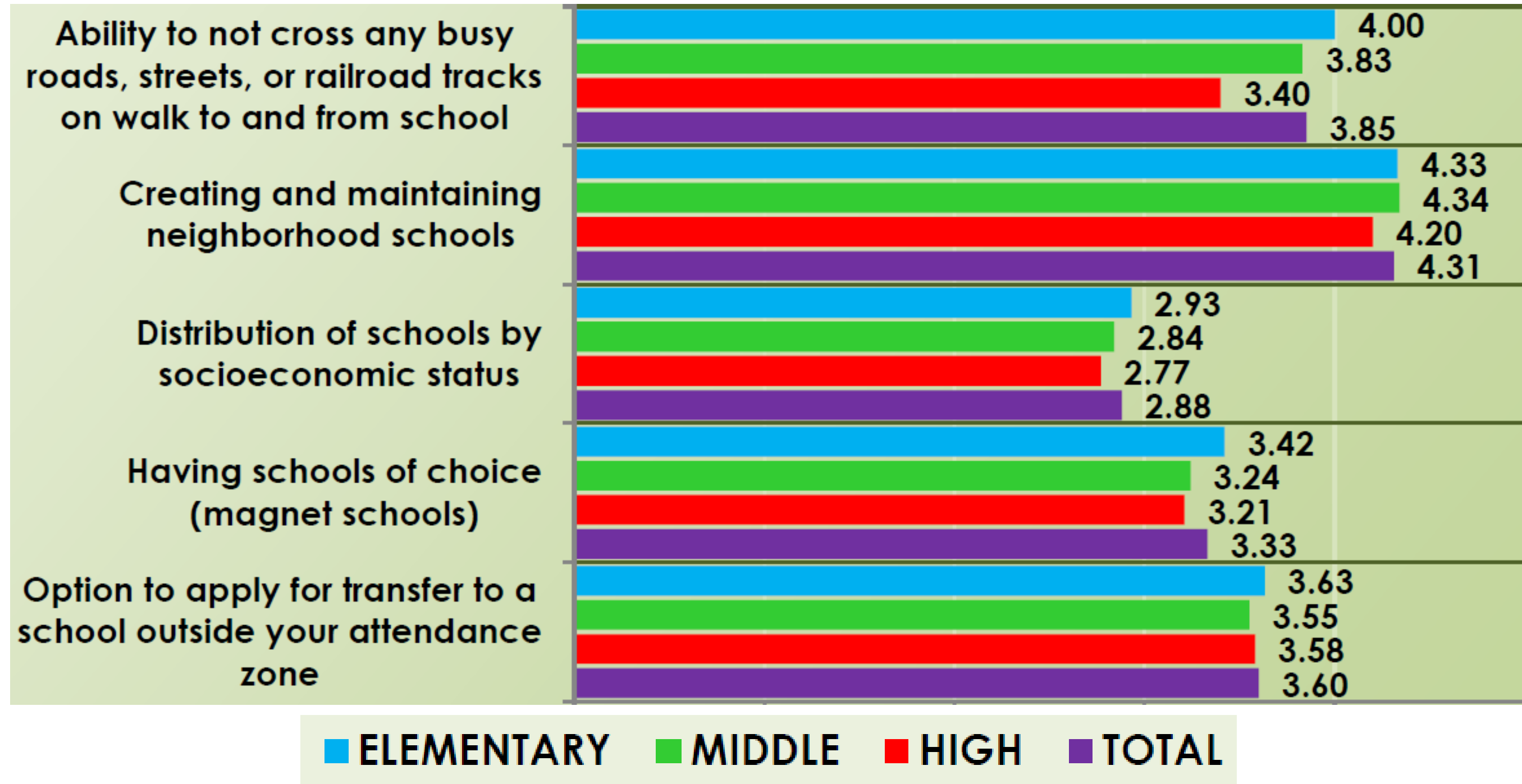
Rank each of these 11 values that could be important to you and your student (average rank; higher is more important)



Student Household Surveys

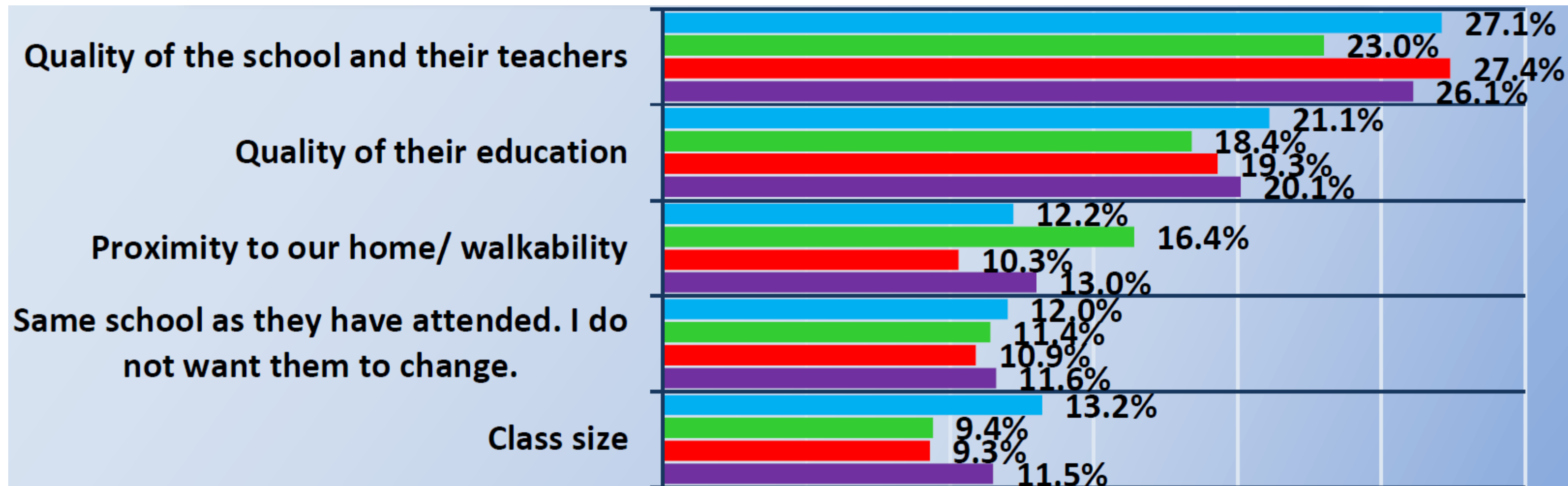
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Rank each of these 11 values that could be important to you and your student (average rank; higher is more important)



Student Household Surveys

Open ended question: Assuming safety, what is most important to you regarding where your student attends school?

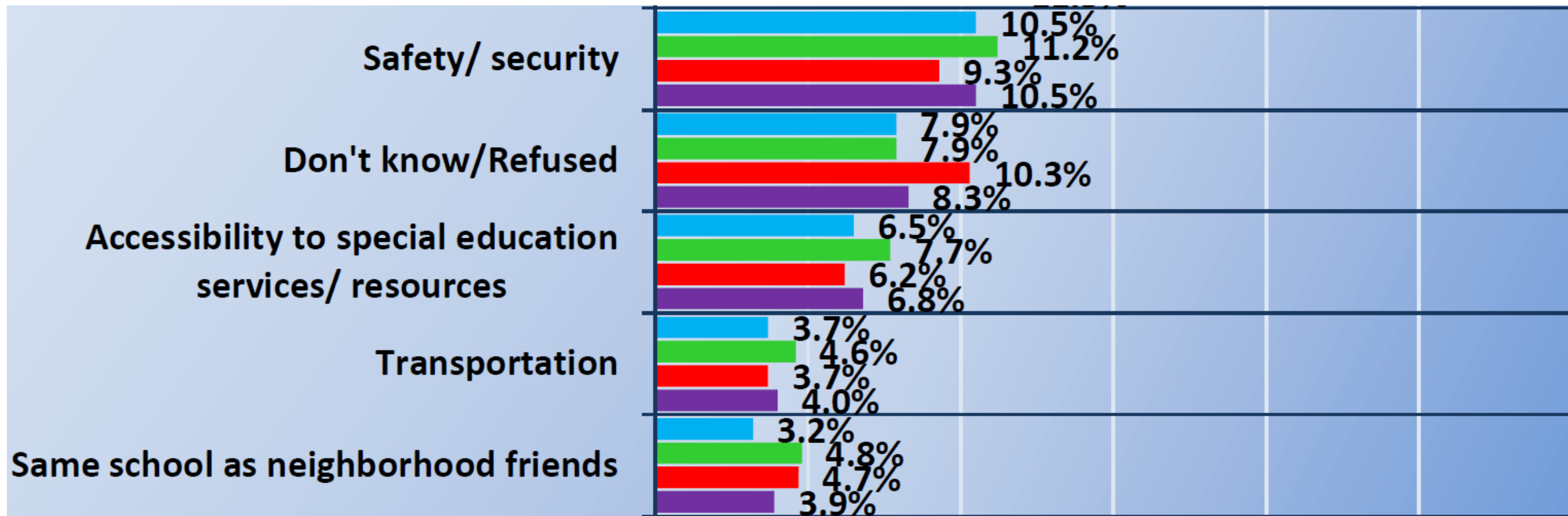


■ ELEMENTARY ■ MIDDLE ■ HIGH ■ TOTAL

Student Household Surveys

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Open ended question: Assuming safety, what is most important to you regarding where your student attends school?

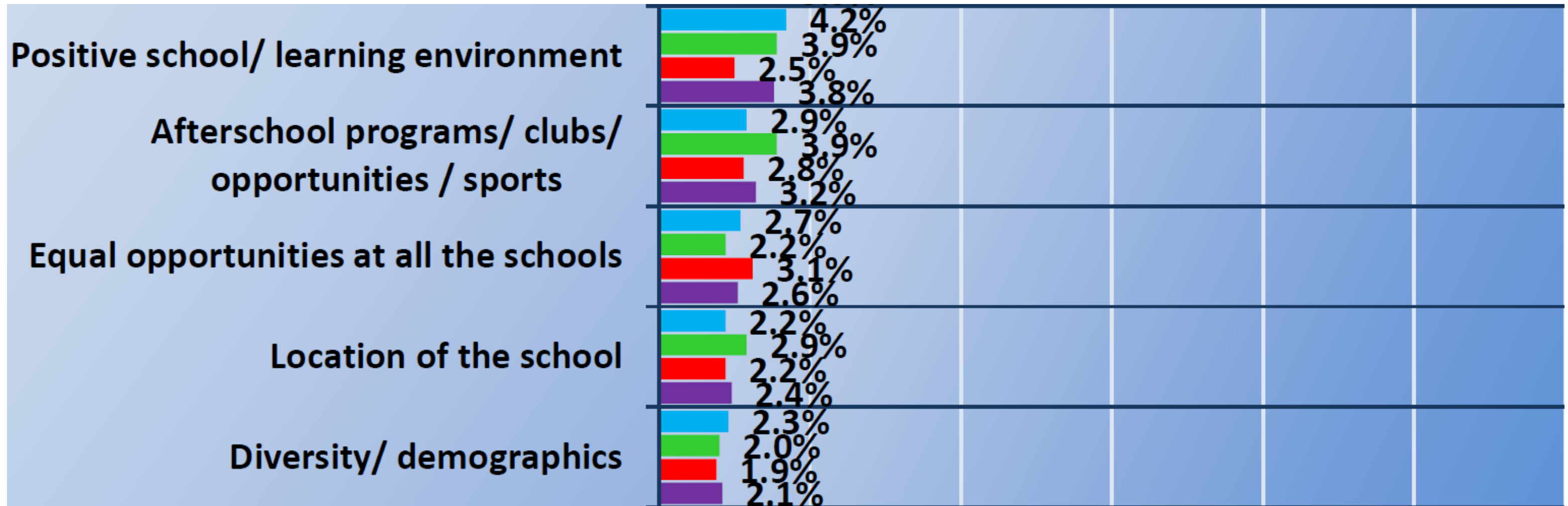


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Student Household Surveys

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Open ended question: Assuming safety, what is most important to you regarding where your student attends school?

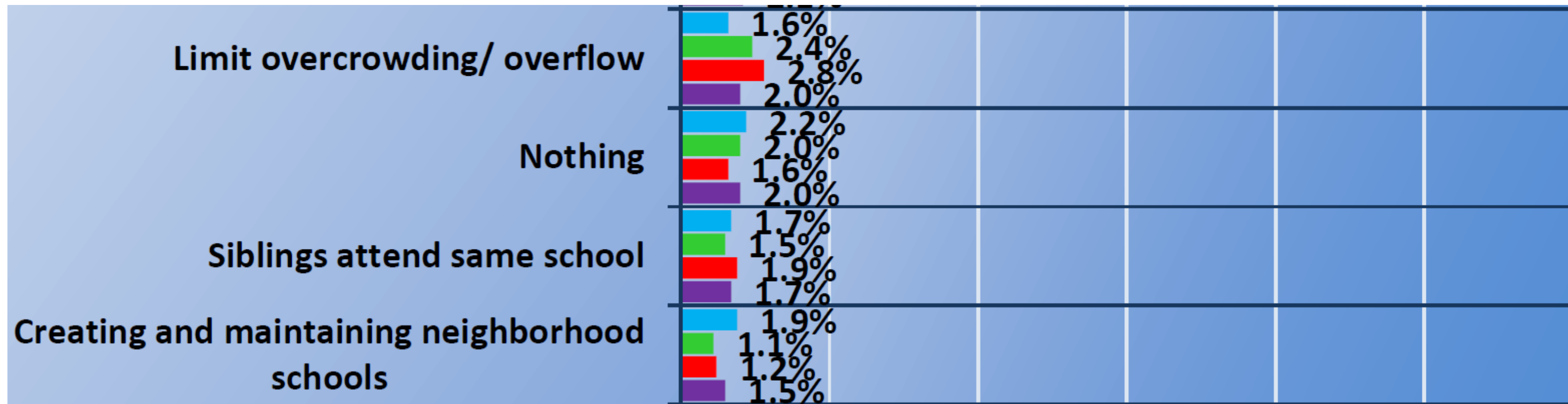


■ ELEMENTARY ■ MIDDLE ■ HIGH ■ TOTAL

Student Household Surveys

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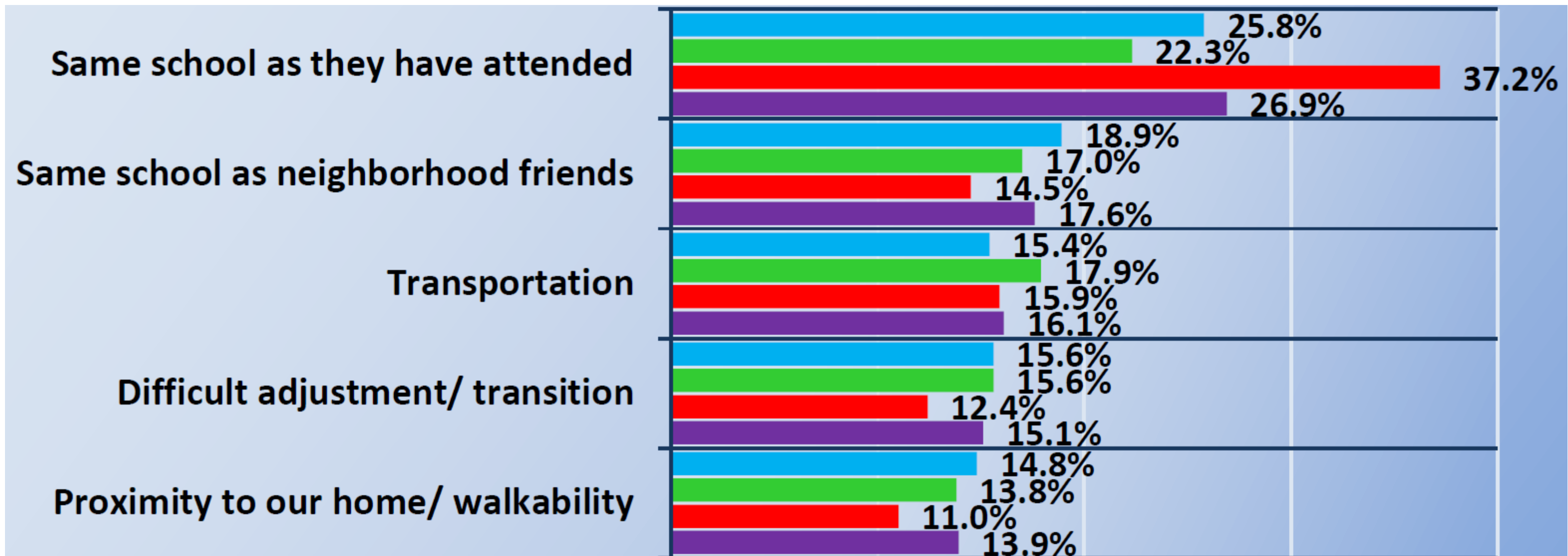
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■ ELEMENTARY ■ MIDDLE ■ HIGH ■ TOTAL

Student Household Surveys

Open ended question: What concerns do you have should your student(s) end up at another school?

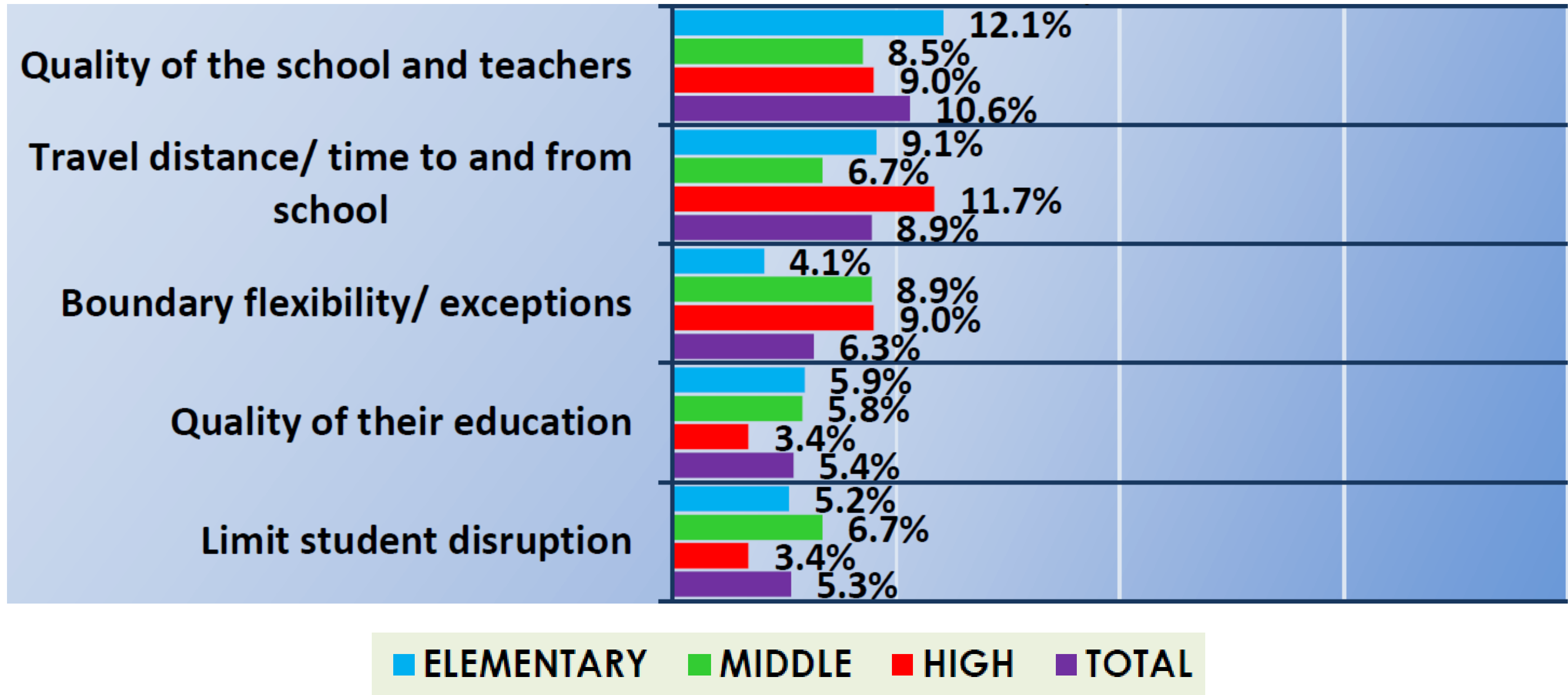


■ ELEMENTARY ■ MIDDLE ■ HIGH ■ TOTAL

Student Household Surveys

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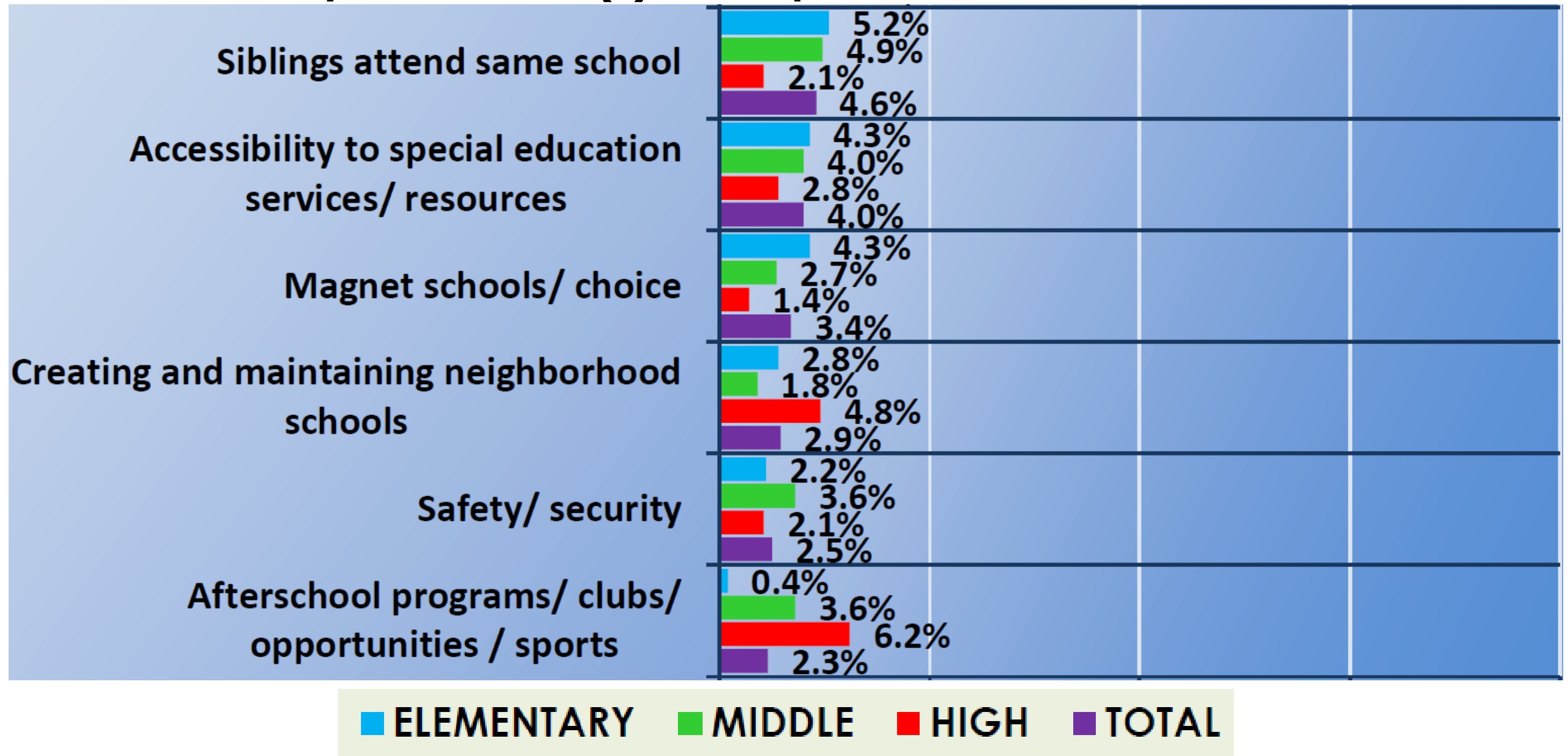
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Student Household Surveys

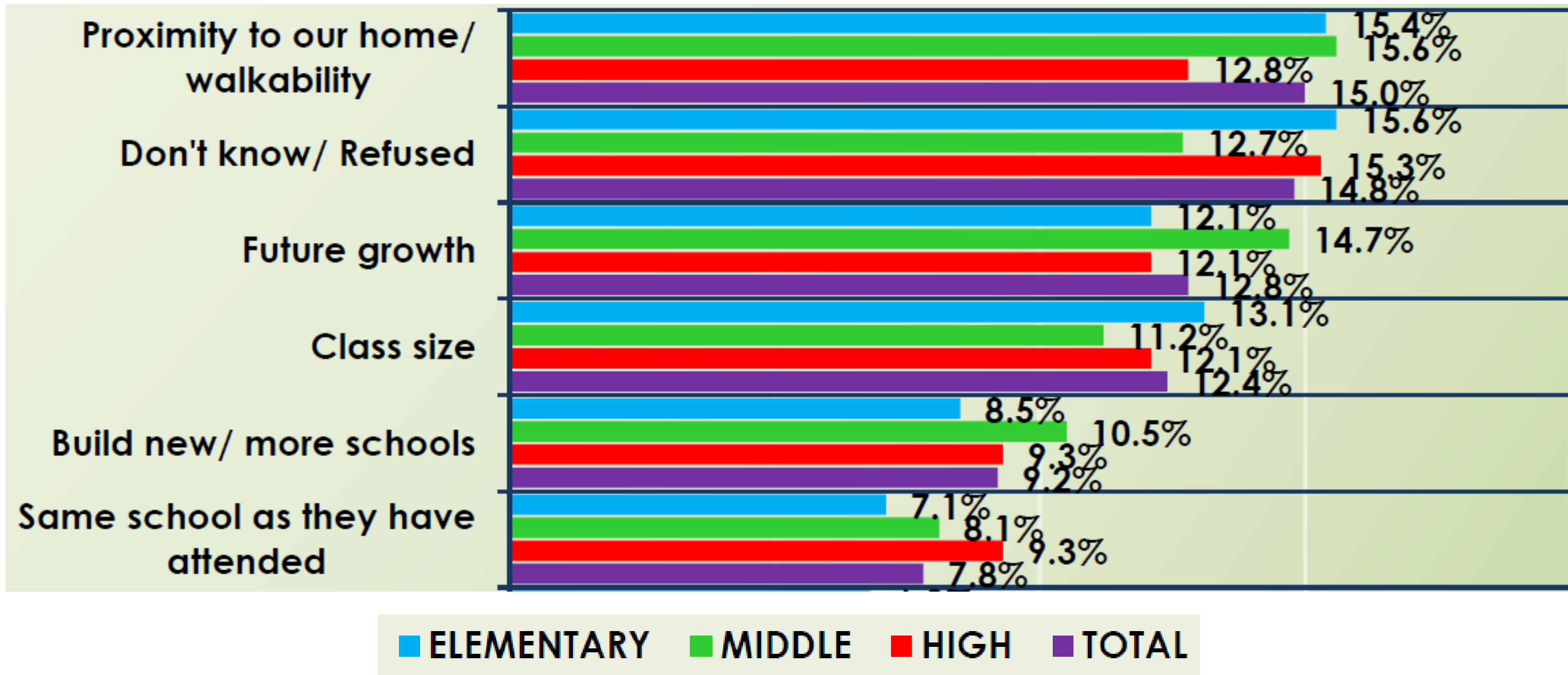
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Student Household Surveys

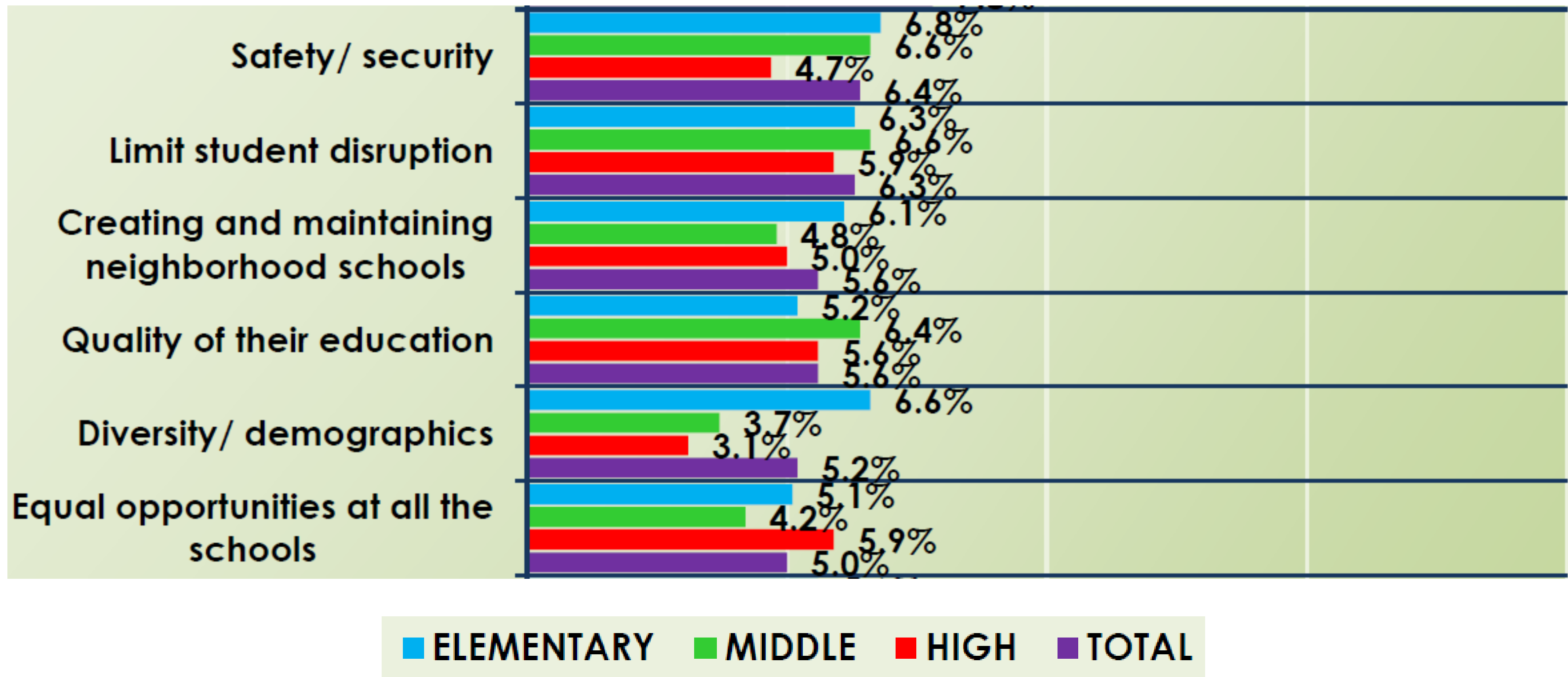
Open ended question: What is the most important thing to consider during the boundary review process?



Student Household Surveys

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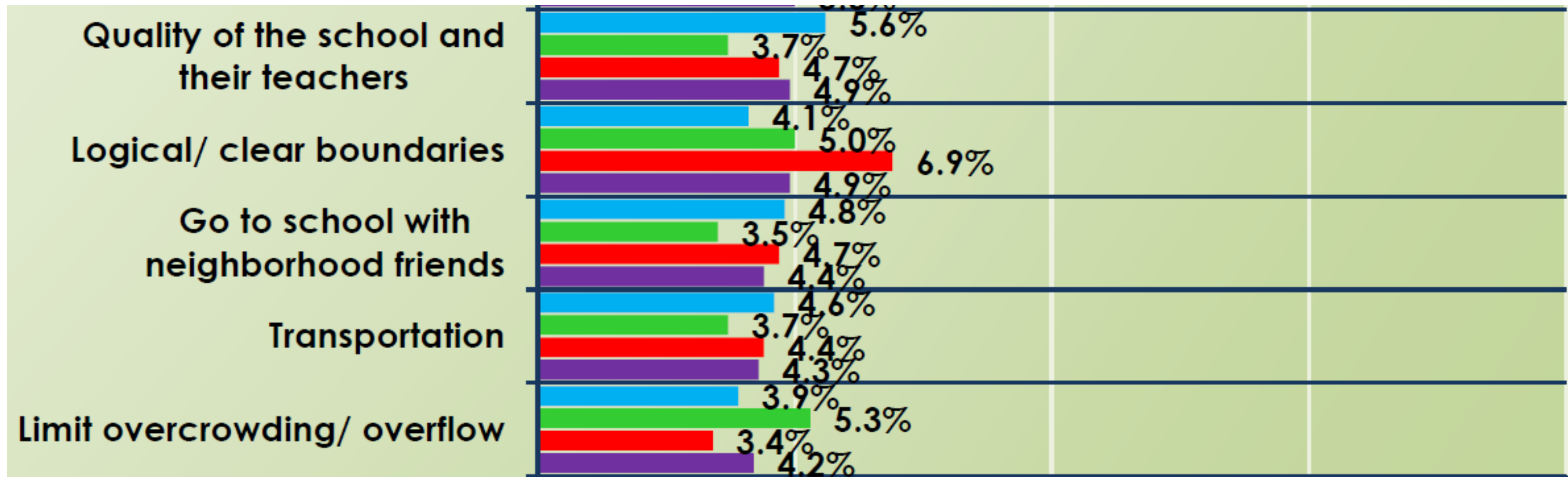
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Student Household Surveys

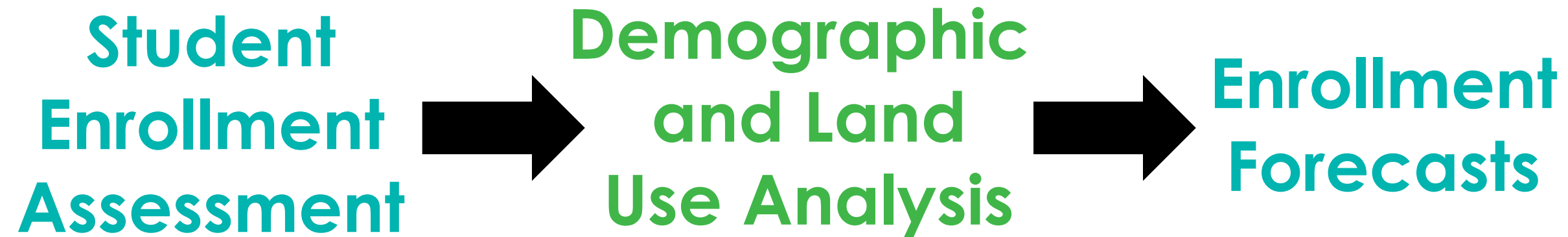
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Open ended question: What is the most important thing to consider during the boundary review process?



■ ELEMENTARY ■ MIDDLE ■ HIGH ■ TOTAL

Enrollment Forecasting



STUDENT ENROLLMENT ASSESSMENT



Enrollment Patterns - Elementary

<div> <div>School of Attendance</div> <div>Attendance Area</div> </div>	Residence Count	Atlas ES	Borah ES	Bryan ES	Dalton ES	Fernan STEM	Hayden Meadows ES	NW Expedition Academy	Skyway ES	Winton ES	Ramsey Magnet School	Sorensen Magnet School	Transfer Out Student Total	Transfer Out Rate
Atlas ES	673	502	3	2	15	8	11	10	25	5	88	4	171	25.4%
Borah ES	458	2	302	14	27	32	3	1	4	5	48	20	156	34.1%
Bryan ES	542	1	5	346	24	24	0	8	2	12	25	95	196	36.2%
Dalton ES	377	5	1	1	321	5	8	4	4	4	10	14	56	14.9%
Fernan STEM	463	0	10	26	4	298	1	0	1	6	15	102	165	35.6%
Hayden Meadows ES	484	5	1	1	20	1	426	12	6	1	9	2	58	12.0%
NW Expedition Academy	294	11	1	0	12	1	19	235	3	3	9	0	59	20.1%
Skyway ES	795	35	0	4	6	9	9	4	576	3	124	25	219	27.5%
Winton ES	1,004	18	15	5	15	32	6	1	17	460	389	46	544	54.2%
K-5 Subtotals	5,090	579	338	399	444	410	483	275	638	499	717	308	--	--
Out of District	75	13	2	3	0	10	7	6	6	4	19	5	--	--
K-5 Totals	5,165	592	340	402	444	420	490	281	644	503	736	313	--	--
Transfer In Student Total	1,699	90	38	56	123	122	64	46	68	43	736	313	--	--
Transfer In Rate	32.9%	15.2%	11.2%	13.9%	27.7%	29.0%	13.1%	16.4%	10.6%	8.5%	100.0%	100.0%	--	--

All values based on the 10/15/2019 Student Information System.

Residence counts are based on current attendance area boundaries, as of the 2019-20 school year.

Enrollment Patterns – Middle School

<div> <div>School of Attendance</div> <div>Attendance Area</div> </div>	Residence Count	Canfield MS	Lakes MS	Woodland MS	CDA Juvenile Detention Center	Transfer Out Student Total	Transfer Out Rate
Canfield MS	753	727	13	13	0	26	3.5%
Lakes MS	756	48	664	44	0	92	12.2%
Woodland MS	919	67	28	824	0	95	10.3%
6-8 Subtotals	2,428	842	705	881	0	--	--
Out of District	38	16	11	10	1	--	--
6-8 Totals	2,466	858	716	891	1	--	--
Transfer In Student Total	251	131	52	67	1	--	--
Transfer In Rate	10.2%	15.3%	7.3%	7.5%	100.0%	--	--

All values based on the 10/15/2019 Student Information System.

Residence counts are based on current attendance area boundaries, as of the 2019-20 school year.

Enrollment Patterns – High School

<div> <div>School of Attendance</div> <div>Attendance Area</div> </div>	Residence Count	Coeur d' Alene HS	Lake City HS	Venture HS	CDA Juvenile Detention Center	Transfer Out Student Total	Transfer Out Rate
Coeur d'Alene HS	1,438	1,189	179	67	3	249	17.3%
Lake City HS	1,698	184	1,419	92	3	279	16.4%
9-12 Subtotals	3,136	1,373	1,598	159	6	--	--
Out of District	133	63	48	8	14	--	--
9-12 Totals	3,269	1,436	1,646	167	20	--	--
Transfer In Student Total	661	247	227	167	20	--	--
Transfer In Rate	20.2%	17.2%	13.8%	100.0%	100.0%	--	--

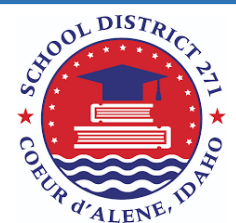
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LAND USE ANALYSIS

Boundary Review Committee Meeting
December 3, 2019



Land Use, Planning, and Development Data

Statewide

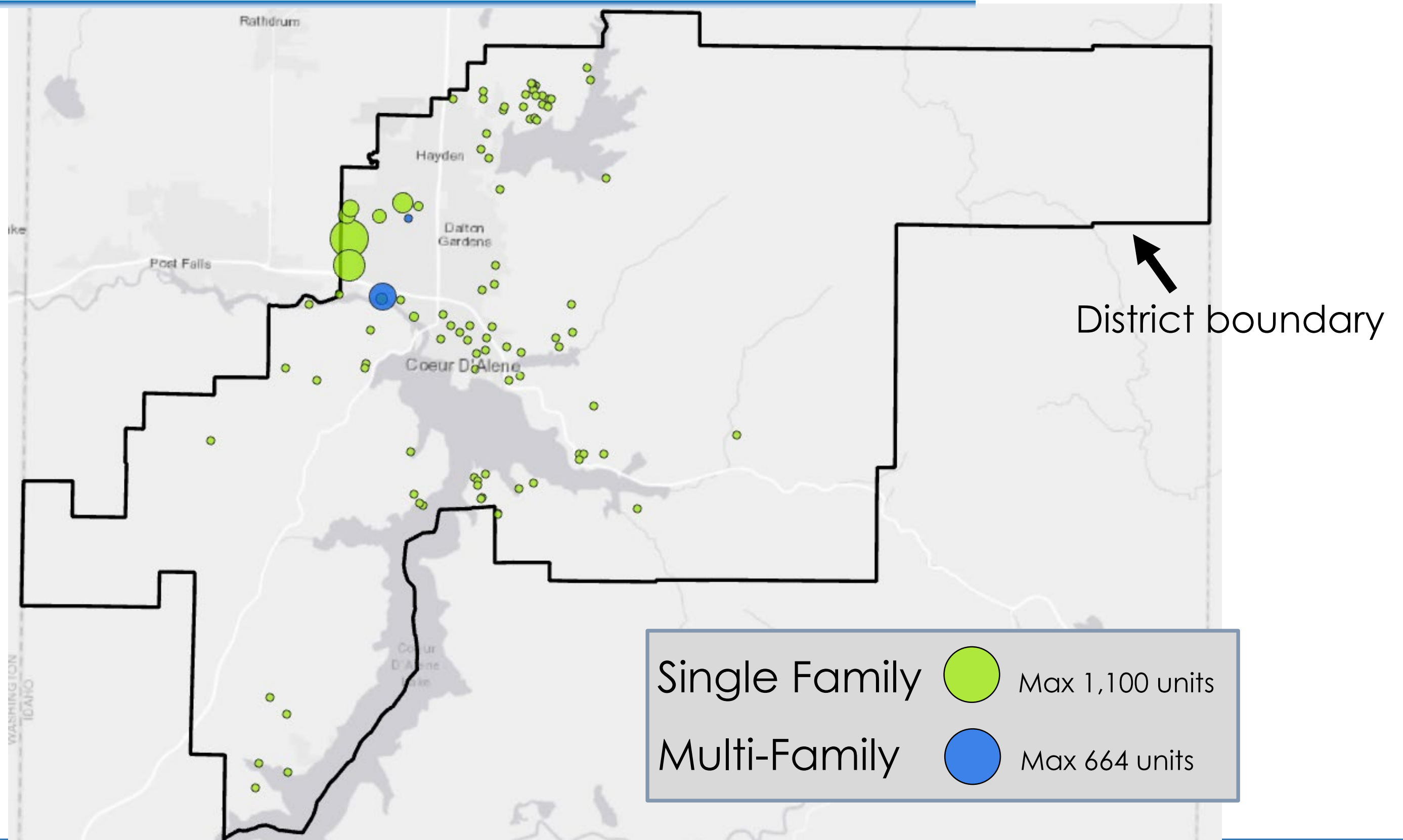
- City limits
- Area of city impact (ACI)

County & Municipal Planning Departments

- Parcels
- Zoning
- Comprehensive plans
- Interviews with planners



Residential Development



Boundary Review Committee Meeting

December 3, 2019



ENROLLMENT FORECASTS

Enrollment & Demographic Data

- Idaho State Department of Education (SDE) October Enrollment
- Idaho State Department of Labor (DoL) Forecasts
- Idaho State Department of Health and Welfare (DHW) Birth
- US Census (2010) & American Community Survey (2017)
- Esri Demographics



Forecast Baseline: District Births-to-Kindergarten

										Forecasts →						
Birth Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
County Births	1,770	1,723	1,648	1,746	1,708	1,795	1,856	1,756	1,809	1,843	1,863	1,887	1,905	1,931	1,957	1,984

Current District Status of Full-Day K Offering							Forecasts →									
K Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
K Total	731	777	721	744	732	775	797	754	777	791	800	810	818	829	840	852
K % of Births	41.3%	45.1%	43.8%	42.6%	42.9%	43.2%	42.9%	42.9%	42.9%	42.9%	42.9%	42.9%	42.9%	42.9%	42.9%	42.9%

Shown are 2009—2017 historic data from IDHW on live births to mothers residing in the County, as well as historic District K totals for the 2014—2019 school years. The metric “K % of Births” is calculated by dividing each K class by the live birth total five years earlier (e.g., 2019 K class divided by 2014 births). 2018—24 births, which inform K classes beginning with the 2023 school year, were projected based on a review of the historic birth data, forecasted population of females of child-bearing age throughout the county, and county and state trends in fertility. Forecasts of future K class sizes were then developed by employing forecasts of trends in “K % of Births”.

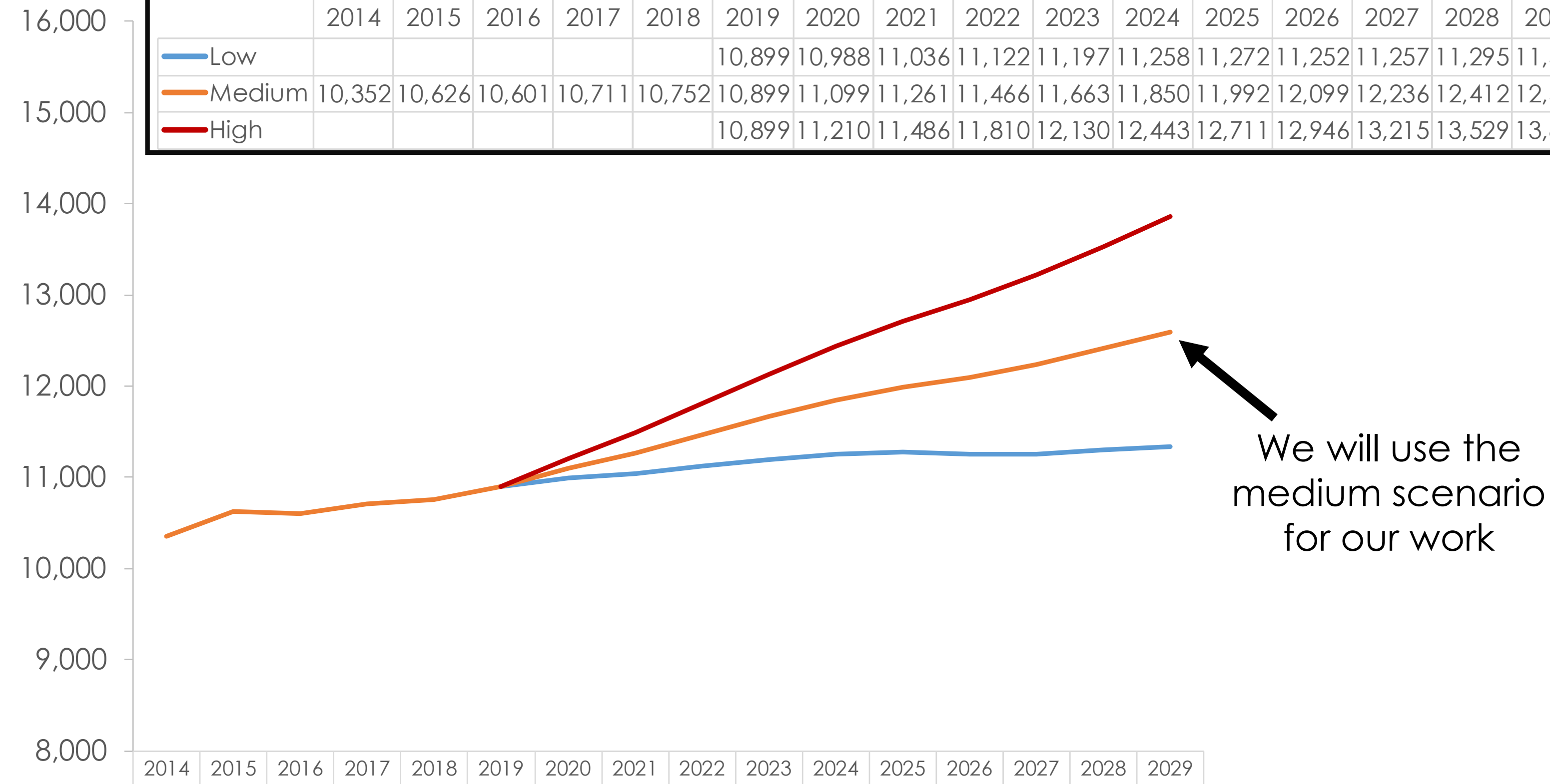
Applying Student Generation Rates

Summary of Generation Rates Used for New Development	K-12 Students per Single-Family (SF) Unit	K-12 Students per Multi-Family (MF) Unit	Notes
Overall Average Rates	0.36	0.25	
Highest Rate Used for a Development	0.62	0.25	SF rate of 0.62 used for developments north of Heutter
Lowest Rate Used for a Development	0.02	0.25	

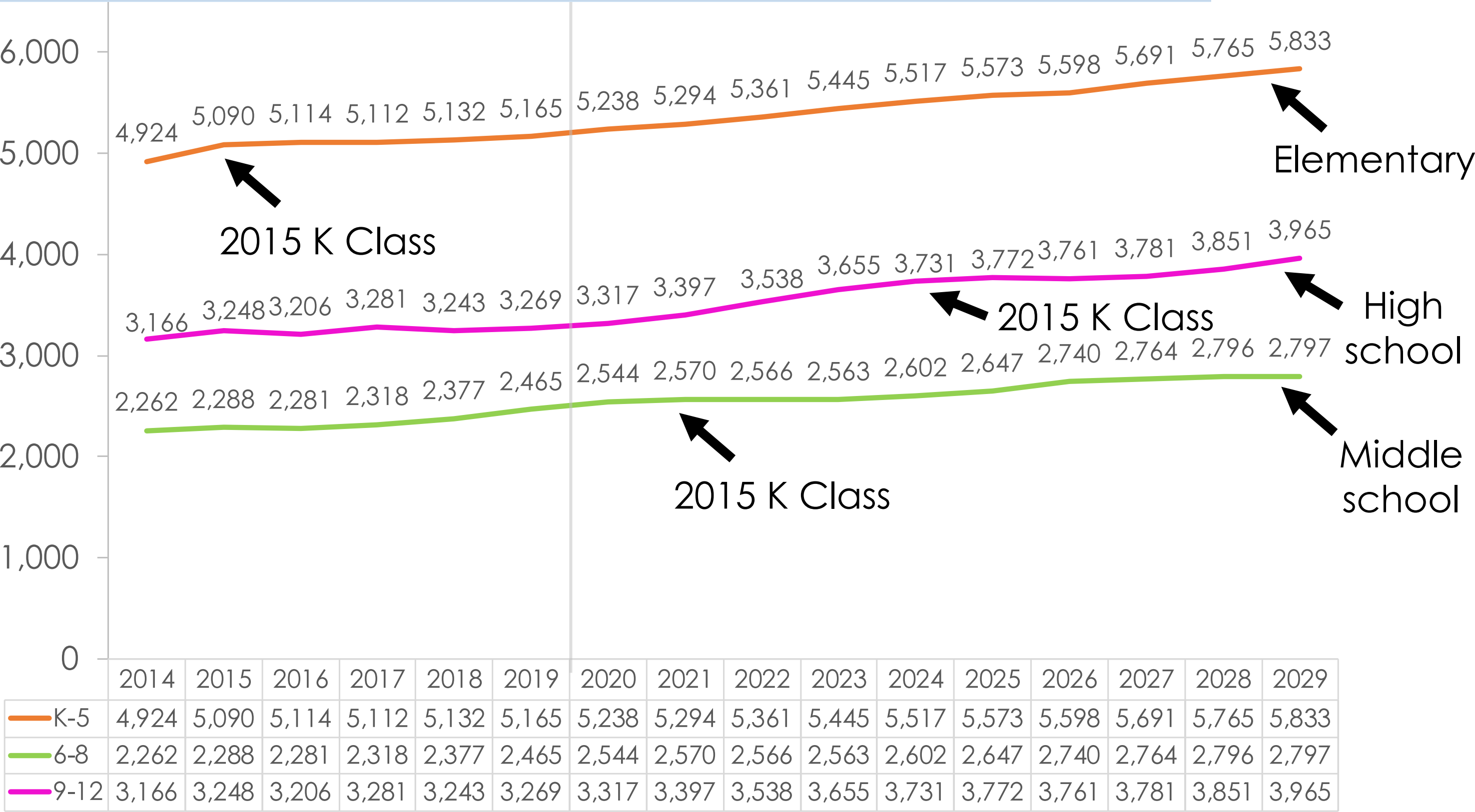
While overall average student generation rates used in preparing these forecasts were 0.36 K-12 students/SF unit, and 0.25 K-12 students/MF unit, the specific rates used for each development were carefully determined on an individual basis. Broadly speaking, we merge as much information as possible when choosing rates to apply to each development. Information considered includes 1) student generation data provided by the District (usually district-wide); 2) existing students/housing unit for SF and MF for individual neighborhoods (Census block groups); 3) development-specific expectations provided by planners (e.g., geared towards families vs. towards retirees); and 3) educated assumptions about trends specific to new housing development.

District-wide Forecast Scenarios

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Low						10,899	10,988	11,036	11,122	11,197	11,258	11,272	11,252	11,257	11,295	11,335
Medium	10,352	10,626	10,601	10,711	10,752	10,899	11,099	11,261	11,466	11,663	11,850	11,992	12,099	12,236	12,412	12,594
High						10,899	11,210	11,486	11,810	12,130	12,443	12,711	12,946	13,215	13,529	13,854



Grade Group Forecasts



Grade-Specific Forecasts

Grade	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
K	763	784	741	764	779	787	798	805	817	828	839
1	824	858	884	837	863	880	888	900	908	921	933
2	846	865	898	929	880	908	925	934	946	955	968
3	865	873	894	927	961	911	940	958	967	979	988
4	878	887	893	917	948	986	935	965	984	993	1,006
5	914	895	905	910	936	965	1,006	955	986	1,006	1,015
6	817	816	800	810	812	837	861	900	855	883	901
7	815	854	855	838	850	850	875	899	944	897	927
8	796	836	877	880	863	876	872	899	924	973	926
9	848	871	913	959	965	946	963	952	984	1,011	1,069
10	811	839	861	904	952	959	936	953	943	976	1,003
11	786	769	797	818	859	906	911	889	906	896	930
12	691	702	687	714	731	768	809	814	795	811	802
K-5	5,090	5,162	5,217	5,283	5,366	5,437	5,492	5,517	5,608	5,682	5,748
6-8	2,428	2,506	2,532	2,528	2,525	2,563	2,608	2,699	2,723	2,754	2,755
9-12	<u>3,136</u>	<u>3,182</u>	<u>3,259</u>	<u>3,394</u>	<u>3,507</u>	<u>3,579</u>	<u>3,618</u>	<u>3,608</u>	<u>3,627</u>	<u>3,694</u>	<u>3,803</u>
K-12	10,654	10,850	11,007	11,205	11,397	11,579	11,718	11,824	11,958	12,130	12,306

Residing in District
(Residence-
Based)

Additionally, total of out-of-district students for 2019 is 245, forecasted to decrease to 113 by 2029.