

Public Schools of Brookline, MA Demographic Study

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Who We Are?

K-12 school planning is our business and our passion. Our specialty is school rezoning and demographic studies.

Cropper GIS works with school districts to:

- a) Develop rezoning plans;
- b) Facilitate community engagement;
- c) Research, map and write demographic studies;
- d) Prepare long-range facility master plans;
- e) Conduct site feasibility studies, housing impact and yield factor studies;
- f) Provide GIS implementation and training.

Project Objectives

Cropper GIS Consulting was hired by Public Schools of Brookline to facilitate and manage the project. Our firm is tasked to:

- a) Develop population forecasts by school attendance area by age cohort for the next 10 years;
- b) Develop enrollment forecasts by grade by school for the next 10 years;
- c) Analyze current and future demographic dynamics of the district and attendance areas;
- d) Create a written report that summarizes demographic study findings.

Data



a) School district – enrollment databases by address, as well as attendance zone boundaries,



b) Official historical enrollment counts by school,



c) U.S. Census Bureau – 2010 and 2020 population data,



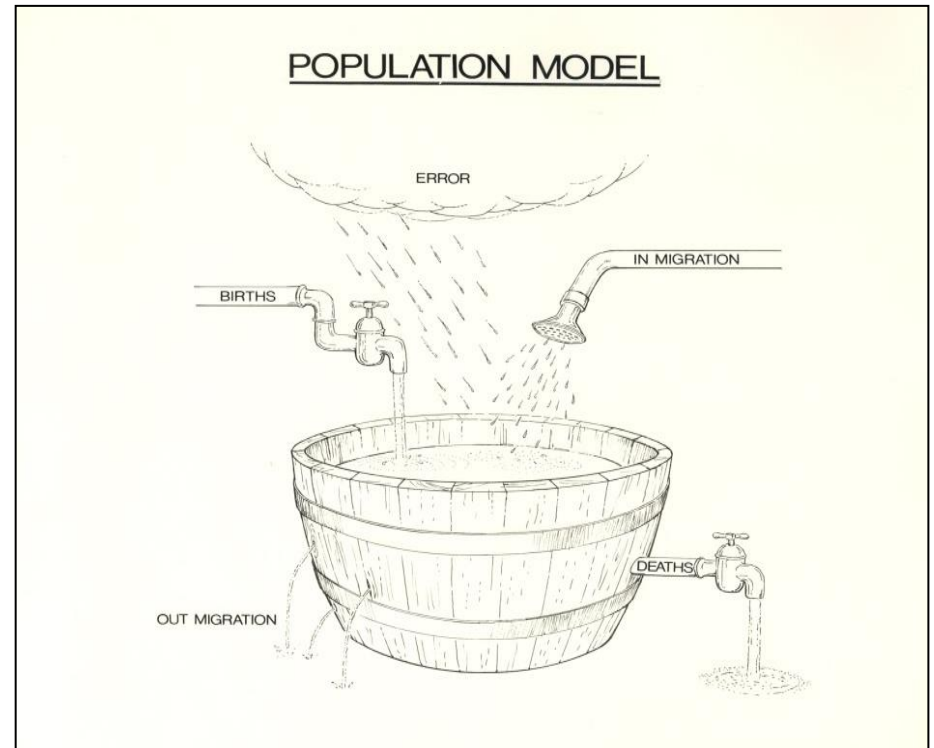
d) Massachusetts Department of Public Health – fertility/mortality data.

Population Model

United States
**Census
2020**

Three main steps:

1. Identify pertinent census blocks to collect necessary SF1, SF3 and SF4 detailed Census demographic information
2. Calculate a total population forecast for geographic study area with the Cohort-Component Method
3. Calculate enrollment forecast using modified average survivorship methods



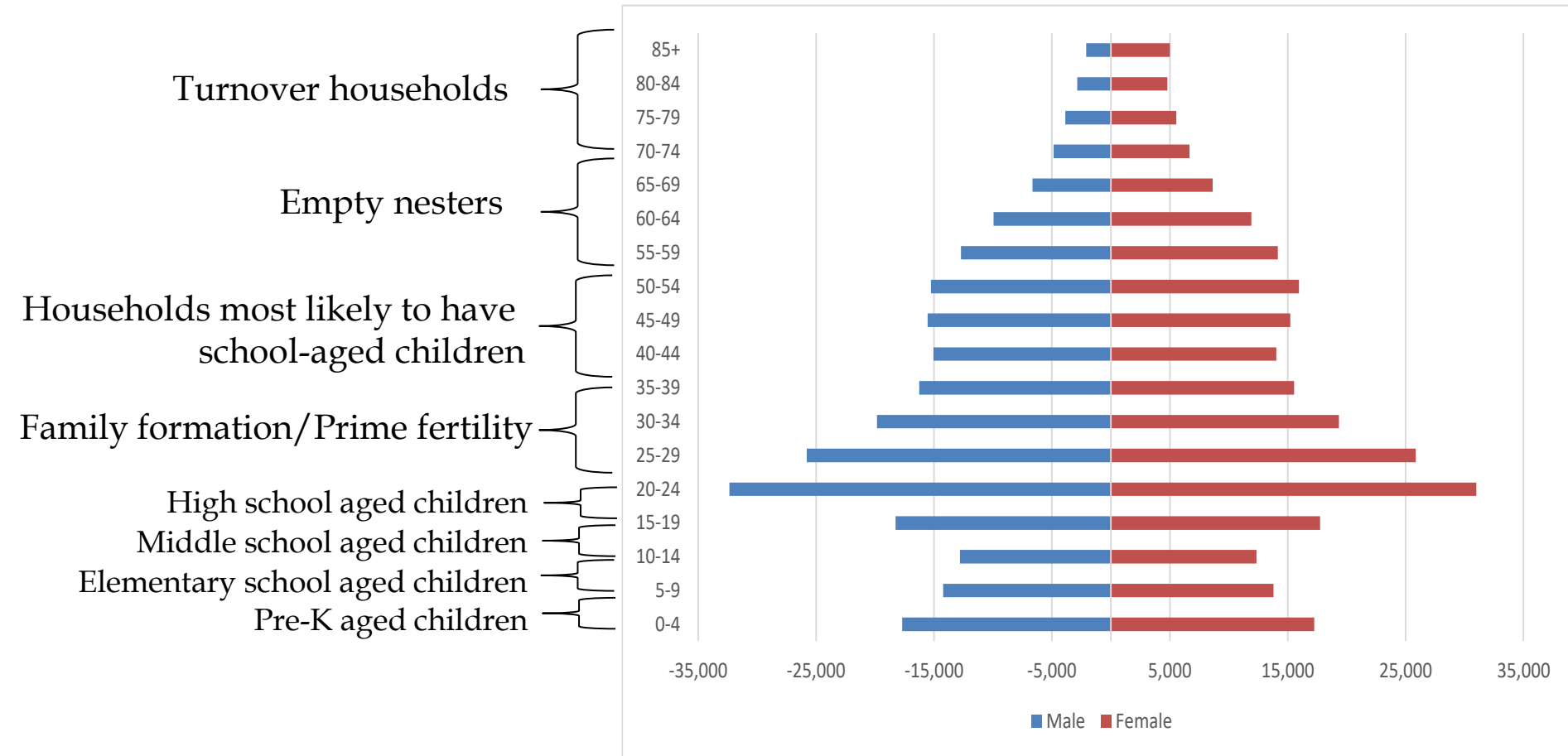
Forecasting Methodology

The forecasts for this study are produced considering certain assumptions about housing, economic, political, regulatory, health and environmental factors will not be violated.

Demographic factors considered in forecasts include:

- a) Number of women in child-bearing age;
- b) Change in area mortality rates;
- c) Magnitude and prevalence of out-migration patterns by age;
- d) Magnitude and prevalence of in-migration patterns by age;
- e) Considerations determined by local neighborhood factors.

Proof is in the pyramid



Assumptions

- a. The national, state or regional economy does not go into deep recession at any time during the 10 years of the forecasts; (Deep recession is defined as four consecutive quarters where the GDP contracts greater than 1% per quarter)
- b. Interest rates will not fluctuate more than one percentage point in the short term; the interest rate for a 30-year fixed home mortgage stays below 8.0%;
- c. The rate of mortgage approval stays at 2019-2023 levels and lenders do not return to “sub-prime” mortgage practices;
- d. There are no additional restrictions placed on home mortgage lenders or additional bankruptcies of major credit providers;
- e. The rate of housing foreclosures does not exceed 125% of the 2019-2023 average of Norfolk County for any year in the forecasts;
- f. The district has at least 150 existing single-family home sales annually between 2024 and 2034;
- g. The unemployment rates for the Norfolk County and the Boston Metropolitan Area will remain below 6.0% for the 10 years of the forecasts;

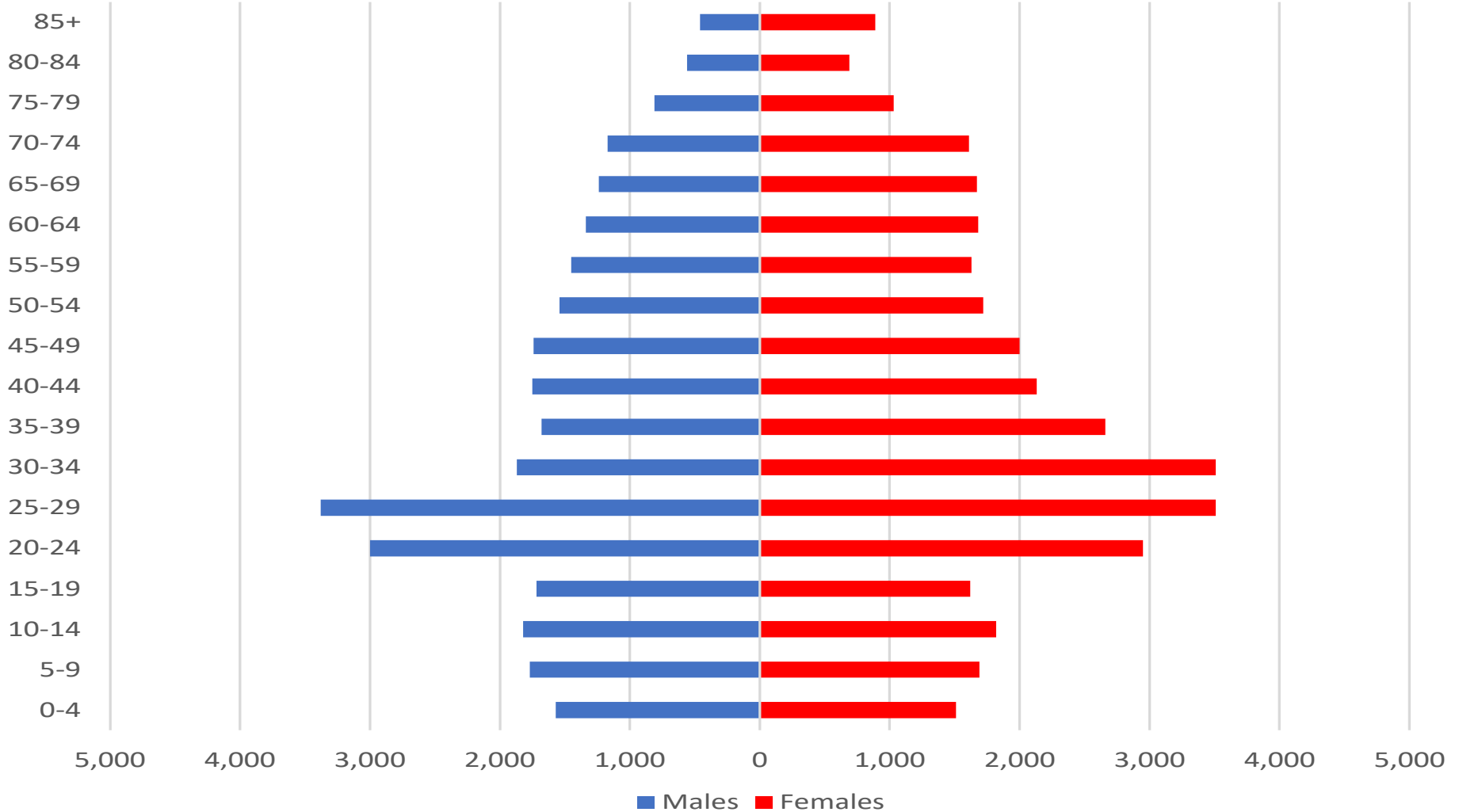
Assumptions

- h. The intra district student transfer policy between “Buffer Zones” remains unchanged over the next 10 years;
- i. The district has a transfer in of 200 Material Fee and 300 METCO students each year for the next 10 years;
- j. The rate of students transferring out of The Public Schools of Brookline will remain at the 2019-20 to 2023-24 average;
- k. The inflation rate for gasoline will stay below 5% per year for the 10 years of the forecasts;
- l. There will be no building moratorium within the district;
- m. The State of Massachusetts does not change any of its current laws regarding inter-district transfers, school vouchers or charter schools;
- n. No new charter schools open in the district or surrounding area in the next 10 years;

Assumptions

- o. Businesses within the district and The Public Schools of Brookline area will remain viable;
- p. The number of existing home sales in the district that are a result of “distress sales” (homes worth less than the current mortgage value) will not exceed 20% of total homes sales in the district for any given year;
- q. Housing turnover rates (sale of existing homes in the district) will remain at their current levels. The majority of existing home sales are made by homeowners over the age of 55;
- r. Private school and home school attendance rates will remain constant;
- s. The rate of foreclosures for commercial property remains at the 2019-2023 average for Norfolk County;
- t. All currently planned, platted, approved and permitted housing developments are built out, completed and moved-in by 2030. Housing construction projects going through the approval and permitting phase of the process are used for estimates in the long-term forecasting (ending with year 2035).

The Public Schools of Brookline, MA Total Population - 2020 Census



The Public Schools of Brookline, MA Total Population - 2035 Forecast

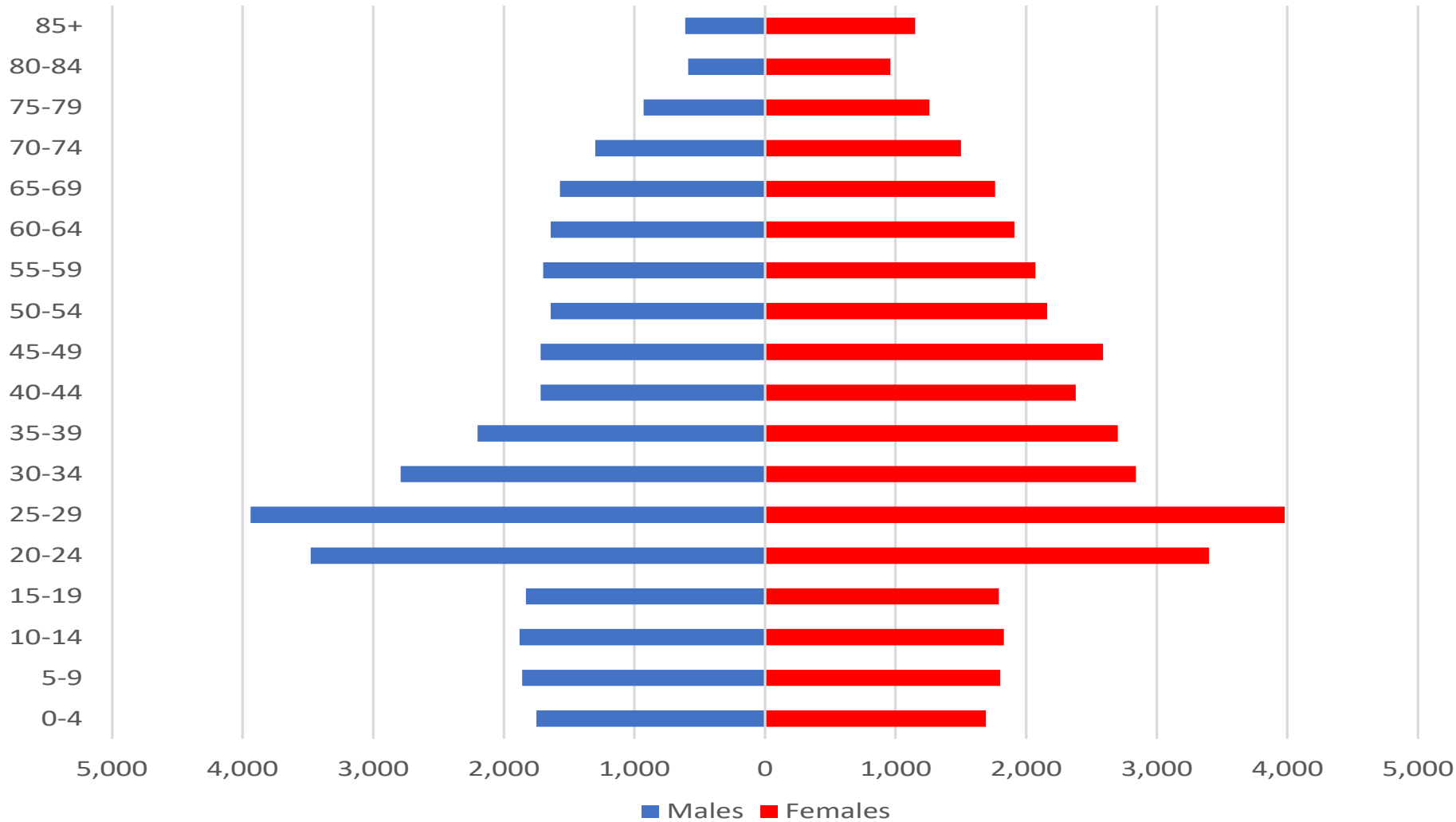


Table 1: Forecasted District Total Population Change, 2020 to 2035

	2020	2025	2020-2025 Change	2030	2025-2030 Change	2035	2030-2035 Change	2020-2035 Change
BAKER	6,210	6,550	5.5%	6,940	6.0%	7,300	5.2%	17.6%
DRISCOLL	6,430	6,560	2.0%	6,710	2.3%	6,850	2.1%	6.5%
HAYES	4,630	4,710	1.7%	4,920	4.5%	5,080	3.3%	9.7%
LAWRENCE	9,680	10,040	3.7%	10,540	5.0%	10,920	3.6%	12.8%
LINCOLN	6,650	7,050	6.0%	7,420	5.2%	7,850	5.8%	18.0%
PIERCE	10,300	10,740	4.3%	11,270	4.9%	11,730	4.1%	13.9%
RIDLEY	12,020	12,470	3.7%	12,940	3.8%	13,300	2.8%	10.6%
RUNKLE	7,270	7,510	3.3%	7,690	2.4%	7,890	2.6%	8.5%
DISTRICT TOTAL	63,190	65,630	3.9%	68,430	4.3%	70,920	3.6%	12.2%

Table 2: Household Characteristics by Forecasted Area, 2020 Census

	HH w/ Pop Under 18	% HH w/ Pop Under 18	Total Households	Household Population	Persons Per Household
BAKER	919	42.2%	2,178	6,192	2.84
DRISCOLL	687	23.8%	2,883	6,403	2.19
HAYES	610	41.9%	1,457	4,618	2.87
LAWRENCE	882	20.3%	4,344	9,672	2.16
LINCOLN	863	29.1%	2,962	6,657	2.24
PIERCE	1,167	26.3%	4,441	10,326	2.30
RIDLEY	1,166	22.0%	5,289	12,044	2.24
RUNKLE	811	27.3%	2,972	7,279	2.45
DISTRICT TOTAL	7,104	26.8%	26,525	63,191	2.34

Table 3: Householder Characteristics by Forecasted Area, 2020 Census

	Percentage of Householders aged 35-54	Percentage of Householders aged 65+	Percentage of Householders Who Own Homes
BAKER	41.4%	27.9%	70.1%
DRISCOLL	33.4%	22.7%	38.9%
HAYES	40.9%	29.8%	78.7%
LAWRENCE	27.3%	24.8%	38.5%
LINCOLN	36.0%	26.3%	45.7%
PIERCE	32.1%	24.8%	41.7%
RIDLEY	28.5%	23.5%	35.1%
RUNKLE	31.5%	26.8%	59.1%
DISTRICT TOTAL	32.4%	25.2%	46.3%

Table 4: Percentage of Households that are Single Person Households and Single Person Households that are over age 65 by Forecasted Area, 2020 Census

	Percentage of Single Person Households	Percentage of Single Person Households and are 65+
BAKER	17.1%	7.7%
DRISCOLL	33.2%	22.7%
HAYES	19.1%	7.5%
LAWRENCE	36.3%	22.6%
LINCOLN	34.4%	19.0%
PIERCE	32.6%	20.2%
RIDLEY	33.9%	20.6%
RUNKLE	27.3%	16.0%
DISTRICT TOTAL	31.1%	18.6%

Table 5: Elementary Enrollment (2024) Compared to Forecasted Enrollment of Elementary Areas (2029, 2034)

	2023	2028	2023-2028 Change	2033	2028-2033 Change	2023-2033 Change
BAKER	654	676	3.4%	705	4.3%	7.8%
DRISCOLL	478	467	-2.3%	462	-1.1%	-3.3%
HAYES	434	426	-1.8%	494	16.0%	13.8%
LAWRENCE	615	581	-5.5%	676	16.4%	9.9%
LINCOLN	474	518	9.3%	577	11.4%	21.7%
PIERCE	668	693	3.7%	815	17.6%	22.0%
RIDLEY	820	861	5.0%	912	5.9%	11.2%
RUNKLE	467	437	-6.4%	434	-0.7%	-7.1%
DISTRICT TOTAL	4,610	4,659	1.1%	5,075	8.9%	10.1%

**Table 6: Age Under One to Age Ten Population Counts,
by Year of Age: 2020 Census**

	Under 1 year	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years	10 years
BAKER	32	61	63	84	85	93	93	92	106	100	105
DRISCOLL	75	60	56	54	51	65	56	64	53	58	74
HAYES	24	39	39	44	45	50	65	74	47	53	87
LAWRENCE	96	74	80	80	88	106	70	110	76	89	101
LINCOLN	71	68	77	77	71	97	99	75	81	66	77
PIERCE	131	123	95	124	115	98	99	91	103	115	120
RIDLEY	130	106	122	121	124	118	120	105	120	115	109
RUNKLE	74	45	58	59	46	72	66	84	80	105	90
DISTRICT TOTAL	633	575	589	643	623	699	668	693	666	702	763

The Public Schools of Brookline – Housing Projects

PROJECT	TOTAL UNITS	STUDIO	1-BR	2-BR	3-BR	4-BR	AGE RESTRICTED	ESTIMATED EARLIEST COMPLETION	SCHOOL ZONE	Notes
40 Centre St	40	16	14	5	5			8/8/2025	RIDLEY	Under active construction
420 Harvard & 49 Coolidge	25	3	6	11	5			6/23/2020	RIDLEY	FINISHED
1180 Boylston	50		23	25	2		55+	1/15/2025	HAYES	Under active construction
384 Harvard Street (2Life)	62		52	10			62+	1/21/2019	RIDLEY	FINISHED
1299 Beacon Street	74		32	42			55+	9/1/2026	LAWRENCE	Was/is in litigation - unkown when building permit will be applied for
455 Harvard Street	17		10	5	2			8/13/2020	RIDLEY	FINISHED
134 Babcock Street	45	20	13	7	5			12/25/2023	RIDLEY	FINISHED
21 Crowninshield Road condo	8				8			10/7/2022	RIDLEY	FINISHED
Hancock Village - Res. of So. Brkln	175		85	40	50			10/13/2023	BAKER	FINISHED
Hancock Village - Puddingstone	250		90	135	25			8/9/2024	BAKER	Under active construction
Hampton Court - 1223 Beacon	123	8	38	52	25			10/5/2028	LAWRENCE	Hearings continued
445 Harvard Street	25		16	6	3			3/3/2026	RIDLEY	Was/is in litigation - unkown when building permit will be applied for
500 Harvard Street	24		12	8	4			3/3/2026	RIDLEY	Was/is in litigation - unkown when building permit will be applied for
209 Harvard Street	44	36		3	5			3/3/2026	LAWRENCE	Unknown when building permit will be applied for
217 Kent Street	100	43	36	10	11			3/3/2026	LAWRENCE	Unknown when building permit will be applied for
83 Longwood Avenue	64	5	40	12	7			3/3/2026	LAWRENCE	Unknown when building permit will be applied for
32 Marion Street	115		115				60+	8/30/2025	PIERCE	Under active construction
108 Centre Street	54		54				62+	10/12/2025	RIDLEY	Under active construction
45 Bartlett Crescent condo	24			21	3			3/19/2025	DRISCOLL	Under active construction
845 Boylston Street	40		10	26	4			3/11/2027	HAYES	Was/is in litigation - unkown when building permit will be applied for
Heath & Sheafe Street	96		55	30	11			1/14/2027	HAYES	Hearings continued
Waldo/Durgin	143		89	54				6/17/2028	RIDLEY	ZBA process on hold until infrastructure plans submitted, timing unknown
118 Gerry Road	36		23	13				11/1/2023	BAKER	FINISHED
199-201 Boylston Street	8				8			8/1/2022	LINCOLN	FINISHED
20 Boylston (69 Walnut St)	14	1	3	4	6			8/1/2022	LINCOLN	FINISHED

The Public Schools of Brookline

	Total	2020	2025	2030	2035
0-4		3,080	3,230	3,450	3,440
5-9		3,460	3,320	3,490	3,660
10-14		3,640	3,610	3,520	3,710
15-19		3,340	3,620	3,730	3,620
20-24		5,950	6,560	6,870	6,880
25-29		6,890	7,400	7,820	7,920
30-34		5,380	4,930	5,230	5,630
35-39		4,340	4,800	4,570	4,900
40-44		3,880	3,870	4,210	4,100
45-49		3,740	3,870	3,960	4,310
50-54		3,260	3,430	3,650	3,800
55-59		3,080	3,440	3,750	3,770
60-64		3,020	2,860	3,270	3,550
65-69		2,910	3,020	3,030	3,330
70-74		2,780	2,760	2,780	2,800
75-79		1,840	2,140	2,060	2,190
80-84		1,250	1,300	1,460	1,550
85+		1,350	1,470	1,580	1,760
Total		63,190	65,630	68,430	70,920
Median Age		34.9	35.2	35.1	35.6

	2020 to 2025	2025 to 2030	2030 to 2035
Births	2,940	3,080	3,140
Deaths	1,730	1,830	1,980
Natural Increase	1,210	1,250	1,160
Net Migration	1,230	1,540	1,310
Change	2,440	2,790	2,470

Differences between period Totals may not equal Change due to rounding.

The Public Schools of Brookline

Public Schools of Brookline: District Total

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
PK	139	95	158	155	159	159	159	159	159	159	159	159	159	159	159
K	600	488	501	509	471	502	497	507	525	529	541	555	583	590	607
1	613	501	516	527	520	473	505	496	505	520	524	528	544	567	580
2	613	505	507	547	527	515	474	507	503	511	527	533	537	556	576
3	574	545	479	534	544	521	512	469	507	503	513	532	535	541	561
4	627	495	534	504	537	550	528	515	475	515	512	523	545	546	555
5	654	543	480	544	511	539	553	530	522	485	525	525	535	559	561
6	586	568	503	467	519	494	522	537	519	512	479	516	518	530	552
7	618	503	553	521	470	526	501	531	550	534	526	493	530	534	544
8	561	555	513	563	511	461	519	496	529	550	537	528	500	532	539
Total K-8	5,446	4,703	4,586	4,716	4,610	4,581	4,611	4,588	4,635	4,659	4,684	4,733	4,827	4,955	5,075
9	521	509	544	510	570	499	454	512	489	522	543	530	520	493	525
10	557	490	509	552	521	584	515	469	529	505	539	561	548	538	510
11	512	515	492	507	551	510	578	509	464	523	500	534	555	542	532
12	474	503	518	497	513	550	515	583	513	468	528	504	539	560	546
Total 9-12	2,064	2,017	2,063	2,066	2,155	2,143	2,062	2,073	1,995	2,018	2,110	2,129	2,162	2,133	2,113
SP	19	18	24	21	19	19	19	19	19	19	19	19	19	19	19
Total K-12	7,510	6,720	6,649	6,782	6,765	6,724	6,673	6,661	6,630	6,677	6,794	6,862	6,989	7,088	7,188
Total K-12	7,510	6,720	6,649	6,782	6,765	6,724	6,673	6,661	6,630	6,677	6,794	6,862	6,989	7,088	7,188
Change		-790	-71	133	-17	-41	-51	-12	-31	47	117	68	127	99	100
% Change		-10.5%	-1.1%	2.0%	-0.3%	-0.6%	-0.8%	-0.2%	-0.5%	0.7%	1.8%	1.0%	1.9%	1.4%	1.4%
Total K-8	5,446	4,703	4,586	4,716	4,610	4,581	4,611	4,588	4,635	4,659	4,684	4,733	4,827	4,955	5,075
Change		-743	-117	130	-106	-29	30	-23	47	24	25	49	94	128	120
% Change		-13.6%	-2.5%	2.8%	-2.2%	-0.6%	0.7%	-0.5%	1.0%	0.5%	0.5%	1.0%	2.0%	2.7%	2.4%
Total 9-12	2,064	2,017	2,063	2,066	2,155	2,143	2,062	2,073	1,995	2,018	2,110	2,129	2,162	2,133	2,113
Change		-47	46	3	89	-12	-81	11	-78	23	92	19	33	-29	-20
% Change		-2.3%	2.3%	0.1%	4.3%	-0.6%	-3.8%	0.5%	-3.8%	1.2%	4.6%	0.9%	1.6%	-1.3%	-0.9%

Forecast developed December 2023

Green cells (2023-2024 and earlier) are historical data

Blue cells (2024-2025 and later) are forecasted years

Key Points

- a. Overall enrollment is forecasted to decline to 6,630 students until 2027-28 and then begin to rise again to 7,188 students at the end of the forecast horizon.
- b. The total enrollment is not projected to reach pre-pandemic levels throughout the life of the forecast.
- c. The high school enrollment will slightly decline in the next several years to 1,995 in 2027-28, then begin rising to approximately current levels (with maximum forecasted enrollment of 2,162 in 2031-32).
- d. K-8 enrollment is forecasted to continuously rise starting school year 2027-28 to reach the peak at the end of the forecast horizon at 5,075 students.
- e. The total K-8 enrollment is not expected to reach pre-covid levels throughout the life of the forecast.
- f. Only one K-8 school (Ruffin Ridley) is expected to top the pre-covid levels (by 20 additional students) and only in the last 2 years of the forecast.

Questions?

Brookline High School

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
9	521	509	544	510	570	499	454	512	489	522	543	530	520	493	525
10	557	490	509	552	521	584	515	469	529	505	539	561	548	538	510
11	512	515	492	507	551	510	578	509	464	523	500	534	555	542	532
12	474	503	518	497	513	550	515	583	513	468	528	504	539	560	546
Total 9-12	2,064	2,017	2,063	2,066	2,155	2,143	2,062	2,073	1,995	2,018	2,110	2,129	2,162	2,133	2,113

SP	19	18	24	21	19	19	19	19	19	19	19	19	19	19	19
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Total 9-12	2,064	2,017	2,063	2,066	2,155	2,143	2,062	2,073	1,995	2,018	2,110	2,129	2,162	2,133	2,113
Change		-47	46	3	89	-12	-81	11	-78	23	92	19	33	-29	-20
% Change		-2.3%	2.3%	0.1%	4.3%	-0.6%	-3.8%	0.5%	-3.8%	1.2%	4.6%	0.9%	1.6%	-1.3%	-0.9%

Forecasts developed December 2023
Green cells (2023-2024 and earlier) are historical data
Blue cells (2024-2025 and later) are forecasted years

Edith C. Baker School

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
K	83	64	77	68	66	79	77	78	82	81	82	81	82	81	83
1	78	76	64	82	72	68	80	78	79	82	82	82	82	82	82
2	86	68	70	74	84	71	68	80	78	79	82	82	82	82	83
3	81	77	64	77	82	84	73	69	81	79	80	84	83	83	83
4	85	72	73	76	77	82	85	73	70	81	80	81	85	83	83
5	101	69	68	76	74	72	78	79	69	66	77	76	77	79	78
6	64	86	64	66	61	67	67	73	74	64	61	71	70	72	74
7	95	52	85	66	72	60	65	65	72	73	62	59	69	69	70
8	77	86	52	87	66	70	59	65	64	71	73	61	58	68	69
Total K-8	750	650	617	672	654	653	652	660	669	676	679	677	688	699	705

Total K-8	750	650	617	672	654	653	652	660	669	676	679	677	688	699	705
Change		-100	-33	55	-18	-1	-1	8	9	7	3	-2	11	11	6
% Change		-13.3%	-5.1%	8.9%	-2.7%	-0.2%	-0.2%	1.2%	1.4%	1.0%	0.4%	-0.3%	1.6%	1.6%	0.9%

Forecasts developed December 2023

Green cells (2023-2024 and earlier) are historical data

Blue cells (2024-2025 and later) are forecasted years

Michael Driscoll School

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
PK	0	0	0	0	32	32	32	32	32	32	32	32	32	32	32
K	56	49	33	51	46	46	46	46	45	44	46	47	48	48	50
1	62	50	56	36	57	46	47	45	45	44	43	43	44	45	46
2	63	44	49	58	41	57	47	48	47	47	46	45	44	45	46
3	63	55	45	47	66	41	57	47	50	49	49	49	46	45	46
4	66	55	54	53	53	69	44	60	51	55	53	53	54	51	50
5	82	58	55	47	59	52	70	45	61	52	57	55	55	57	54
6	64	68	50	51	50	58	50	69	45	62	53	57	56	55	57
7	66	56	58	52	54	47	57	48	68	44	63	53	58	56	55
8	78	57	54	61	52	53	47	58	49	70	46	65	55	60	58
Total K-8	600	492	454	456	478	469	465	466	461	467	456	467	460	462	462
Total K-8	600	492	454	456	478	469	465	466	461	467	456	467	460	462	462
Change		-108	-38	2	22	-9	-4	1	-5	6	-11	11	-7	2	0
% Change		-18.0%	-7.7%	0.4%	4.8%	-1.9%	-0.9%	0.2%	-1.1%	1.3%	-2.4%	2.4%	-1.5%	0.4%	0.0%

Forecasts developed December 2023

Green cells (2023-2024 and earlier) are historical data

Blue cells (2024-2025 and later) are forecasted years

Roland Hayes School

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
PK	27	10	0	0	0	0	0	0	0	0	0	0	0	0	0
K	58	47	50	40	41	41	40	43	45	45	47	49	50	50	52
1	60	51	50	51	40	44	44	43	45	46	47	47	49	50	51
2	61	56	57	51	49	42	46	46	46	48	50	51	52	54	54
3	47	56	51	57	50	46	40	43	45	44	47	50	50	51	54
4	61	42	60	52	55	51	47	40	44	46	45	49	53	52	54
5	69	51	41	64	59	59	55	50	44	49	50	51	55	59	58
6	54	62	47	39	57	54	53	51	46	40	47	47	48	52	56
7	62	45	54	48	37	60	56	57	55	50	44	51	51	53	58
8	53	57	47	57	46	38	60	57	60	58	53	46	55	55	57
Total K-8	525	467	457	459	434	435	441	430	430	426	430	441	463	476	494
Total K-8	525	467	457	459	434	435	441	430	430	426	430	441	463	476	494
Change		-58	-10	2	-25	1	6	-11	0	-4	4	11	22	13	18
% Change		-11.0%	-2.1%	0.4%	-5.4%	0.2%	1.4%	-2.5%	0.0%	-0.9%	0.9%	2.6%	5.0%	2.8%	3.8%
Forecasts developed December 2023															
Green cells (2023-2024 and earlier) are historical data															
Blue cells (2024-2025 and later) are forecasted years															

Amos A. Lawrence School

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
K	80	69	72	81	68	66	65	65	69	71	73	78	88	90	96
1	85	70	80	75	82	71	68	67	68	71	72	73	78	87	90
2	81	68	65	78	70	77	65	63	63	64	67	70	70	76	83
3	71	74	58	69	77	65	72	60	58	60	61	64	68	67	73
4	84	59	79	59	69	79	66	72	60	59	62	64	67	71	70
5	72	72	54	77	60	68	77	64	71	60	59	63	65	69	72
6	62	61	68	52	75	54	60	69	58	64	55	54	59	61	64
7	72	56	62	64	51	77	55	61	72	61	68	59	57	63	64
8	72	61	54	66	63	50	76	53	60	71	62	69	61	58	64
Total K-8	679	590	592	621	615	607	604	574	579	581	579	594	613	642	676

Total K-8	679	590	592	621	615	607	604	574	579	581	579	594	613	642	676
Change		-89	2	29	-6	-8	-3	-30	5	2	-2	15	19	29	34
% Change		-13.1%	0.3%	4.9%	-1.0%	-1.3%	-0.5%	-5.0%	0.9%	0.3%	-0.3%	2.6%	3.2%	4.7%	5.3%

Forecasts developed December 2023

Green cells (2023-2024 and earlier) are historical data

Blue cells (2024-2025 and later) are forecasted years

William H. Lincoln School

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
K	62	56	48	54	52	57	59	61	64	66	67	67	71	72	72
1	57	47	49	50	60	48	52	53	54	57	58	59	61	63	65
2	70	48	48	62	50	63	51	56	58	59	62	63	64	66	68
3	57	60	43	55	57	49	61	51	55	58	59	62	62	64	66
4	63	53	58	43	55	57	49	62	51	56	58	59	62	62	65
5	66	58	54	59	41	55	56	49	63	53	57	59	59	62	63
6	63	63	56	53	51	39	54	55	48	63	52	57	59	59	60
7	78	55	57	49	62	48	38	52	55	47	62	51	55	58	58
8	60	73	58	60	46	63	49	40	55	59	50	64	54	57	60
Total K-8	576	513	471	485	474	479	469	479	503	518	525	541	547	563	577

Total K-8	576	513	471	485	474	479	469	479	503	518	525	541	547	563	577
Change		-63	-42	14	-11	5	-10	10	24	15	7	16	6	16	14
% Change		-10.9%	-8.2%	3.0%	-2.3%	1.1%	-2.1%	2.1%	5.0%	3.0%	1.4%	3.0%	1.1%	2.9%	2.5%

Forecasts developed December 2023

Green cells (2023-2024 and earlier) are historical data

Blue cells (2024-2025 and later) are forecasted years

John Pierce School

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
K	93	70	74	73	68	69	70	70	74	75	77	82	90	96	100
1	95	67	78	75	62	64	65	65	66	70	71	72	76	83	89
2	96	77	73	82	78	65	68	69	70	70	76	77	79	84	90
3	91	85	75	75	78	78	66	68	70	70	71	78	79	82	87
4	104	72	81	77	74	82	82	69	71	74	74	75	84	84	88
5	106	84	69	82	78	77	86	87	72	75	78	79	81	90	91
6	103	93	77	68	83	80	79	89	90	75	78	81	82	86	95
7	79	92	95	87	63	87	83	83	94	95	79	84	86	87	91
8	75	69	99	86	84	59	83	79	79	89	91	77	83	84	84
Total K-8	842	709	721	705	668	661	682	679	686	693	695	705	740	776	815

Total K-8	842	709	721	705	668	661	682	679	686	693	695	705	740	776	815
Change		-133	12	-16	-37	-7	21	-3	7	7	2	10	35	36	39
% Change		-15.8%	1.7%	-2.2%	-5.2%	-1.0%	3.2%	-0.4%	1.0%	1.0%	0.3%	1.4%	5.0%	4.9%	5.0%

Forecasts developed December 2023

Green cells (2023-2024 and earlier) are historical data

Blue cells (2024-2025 and later) are forecasted years

Florida Ruffin Ridley School

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
PK	31	19	31	26	32	32	32	32	32	32	32	32	32	32	32
K	105	95	102	93	84	104	101	103	106	106	107	108	111	110	112
1	115	86	97	105	102	85	107	104	106	108	109	109	110	113	113
2	93	90	88	100	103	95	80	101	98	100	101	102	102	104	106
3	103	86	87	96	94	103	94	79	101	97	99	100	102	102	104
4	102	91	81	85	93	91	100	91	76	97	94	95	96	99	99
5	92	88	90	89	85	94	92	100	92	76	98	94	95	97	99
6	106	80	83	81	86	82	91	89	97	89	74	95	91	93	95
7	93	86	84	92	80	88	84	93	90	100	90	75	97	92	94
8	83	85	87	84	93	77	86	81	89	88	97	87	73	93	90
Total K-8	892	787	799	825	820	819	835	841	855	861	869	865	877	903	912
Total K-8	892	787	799	825	820	819	835	841	855	861	869	865	877	903	912
Change		-105	12	26	-5	-1	16	6	14	6	8	-4	12	26	9
% Change		-11.8%	1.5%	3.3%	-0.6%	-0.1%	2.0%	0.7%	1.7%	0.7%	0.9%	-0.5%	1.4%	3.0%	1.0%

Forecasts developed December 2023

Green cells (2023-2024 and earlier) are historical data

Blue cells (2024-2025 and later) are forecasted years

John D. Runkle School

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
PK	16	9	15	15	16	16	16	16	16	16	16	16	16	16	16
K	63	38	45	49	46	40	39	41	40	41	42	43	43	43	42
1	61	54	42	53	45	47	42	41	42	42	42	43	44	44	44
2	63	54	57	42	52	45	49	44	43	44	43	43	44	45	46
3	61	52	56	58	40	55	49	52	47	46	47	45	45	47	48
4	62	51	48	59	61	39	55	48	52	47	46	47	44	44	46
5	66	63	49	50	55	62	39	56	50	54	49	48	48	46	46
6	70	55	58	57	56	60	68	42	61	55	59	54	53	52	51
7	73	61	58	63	51	59	63	72	44	64	58	61	57	56	54
8	63	67	62	62	61	51	59	63	73	44	65	59	61	57	57
Total K-8	582	495	475	493	467	458	463	459	452	437	451	443	439	434	434
Total K-8	582	495	475	493	467	458	463	459	452	437	451	443	439	434	434
Change		-87	-20	18	-26	-9	5	-4	-7	-15	14	-8	-4	-5	0
% Change		-14.9%	-4.0%	3.8%	-5.3%	-1.9%	1.1%	-0.9%	-1.5%	-3.3%	3.2%	-1.8%	-0.9%	-1.1%	0.0%

Forecasts developed December 2023

Green cells (2023-2024 and earlier) are historical data

Blue cells (2024-2025 and later) are forecasted years

K-8th Live-Attend Matrix

		Where K-8th Students Live											
		Baker	Driscoll	Heath	Lawrence	Lincoln	Pierce	Ruffin Ridley	Runkle	Out of District	Unmatched	Live Out, Attend In(K-8)	
Where K-8th Students Attend		714	370	283	512	496	672	746	459	355	3	1,254	
	Edith C. Baker School	654	584	1	5		1	1	1		61		70
	Michael Driscoll School	478	10	284	2	6	1	24	25	76	49	1	193
	Heath School	434	94		258		6	4	6	22	44		176
	Amos A. Lawrence School	615	1	2	1	408	10	117	42	1	31	2	205
	William H. Lincoln School	474	7	4	6	8	373	12	8	4	52		101
	John Pierce School	668	3	13		26	76	479	14	11	46		189
	Florida Ruffin Ridley School	820	5	42	2	62	3	28	631	9	38		189
	John D. Runkle School	467	10	24	9	2	26	7	19	336	34		131
	Live In, Attend Out (K-8)	899	130	86	25	104	123	193	115	123			

9-12th Live-Attend Matrix

Where 9-12th Students Attend	Where 9-12th Students Live			
		Brookline	Out of District	Unmatched
Brookline High School	2,155	1,991	162	2

Public Schools of Brookline, MA 2023-24 Live-Attend Analysis Heath School

Legend

Schools

- Elementary
- High School

2023-24 ES Boundaries

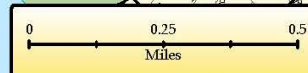
2023-24 ES Zones

- Baker
- Driscoll
- Heath
- Lincoln
- Pierce
- Ruffin Ridley
- Runkle

Student Density (Quantile Classification)

- 59 - 112
- 36 - 58
- 25 - 35
- 20 - 24
- 16 - 19
- 13 - 15
- 11 - 12
- 9 - 10
- 7 - 8
- 6

Map Note: Concentration represents counts of students within a one-sixteenth-mile radius. Concentrations of less than 6 students are excluded.



Heath School	
Total Enrollment (K-8th)	434
Out of District	44
Unmatched	0
Total Live-In (K-8th)	283
Live and Attend In	258
Live Out, Attend In	176
Live In, Attend Out	25