



Billings  
Public Schools

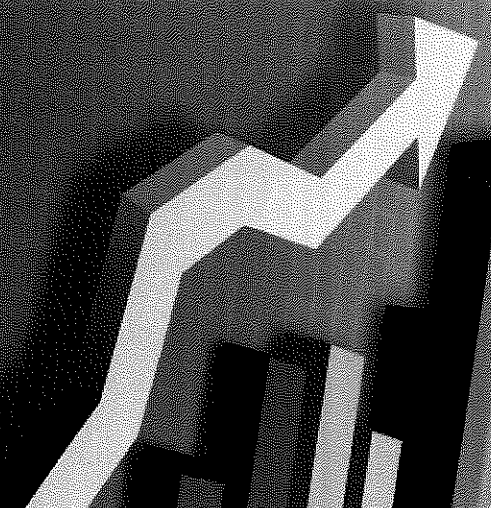
# Billings Public School District #2

Billings, Montana

## Student Population Projections By Residence

### Fall 2010-2020 & Maturity

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## *EXECUTIVE SUMMARY*

### SCOPE/USE OF PROJECTIONS

Davis Demographics & Planning, Inc. (DDP) has projected resident student populations for Billings Public Schools (BPS) for two periods:

- Each year for the 10 ten years 2010-2020 (10-year projections)
- The period 2010 through theoretical district maturation (maturation projections)

Theoretical maturation is a point in time where all land in the school district is assumed to be fully developed according to current land use and zoning.

The District intends to use the projected resident student populations in conjunction with other factors to plan for its short-term and long-term space needs\* for student education. Consistent with best practices in facilities planning, these additional factors may include, but may not be limited to, desired school sizes, desired school grade configurations, school capacities, safe routes to school, educational programming requirements, neighborhood plans, urban renewal plans, city growth policies and plans, and community trail/path and transportation plans.

The projections are based on a variety of assumptions based upon *current* conditions and factors in the District and community (current zoning, currently planned development, current transportation plans, economic climate, current student yields from various types of housing, and so on). For this reason, projections made for years closer to the present are more reliable than those made for years farther into the future.

Theoretical maturation projections are provided for the sole purpose of indicating in general where additional school sites might be needed in the long term, based on current assumptions. However, because there is no specific timeframe associated with maturation, the maturation projections by themselves do not imply or assume any particular timing for any particular facility need. Due to the many variables in community development, maturation may not occur (in fact, likely will not occur) exactly as assumed. Long-term facility needs should be regularly re-evaluated to assess how actual maturation progresses over the years. Factors that might significantly affect this progression include changes in city/county zoning and development (including current city interest in developing an infill policy and moving to form-based zoning), increases in fuel prices, economic downturns and upswings, the pace of demographic change, and the arrival of major new employers to the area.

Also, by themselves, the ten-year projections do not point to any particular solution for handling short-term changes in resident students. Options for handling such changes include redrawing attendance boundaries, enlarging existing schools, changing school grade configurations, purchasing and repurposing nonschool buildings, making more effective use of existing school spaces, using temporary student housing (portables), and (in the absence of other acceptable solutions) building new schools.

\*The District currently owns and operates twenty-two elementary schools, four middle schools, and three comprehensive high schools. Also part of the District's "educational space" inventory are Lincoln Center (a former school currently used for a variety of educational/administrative purposes) and Rimrock School (a currently vacant elementary school). The District also has a high school Career Center; a portion of students enrolled in the comprehensive high schools attend here for all or part of the school day.

**CAUTION IN THE USE OF PROJECTIONS**

It is important to note that enrollment forecasts are based upon a variety of data and assumptions that may be subject to change. In interpreting enrollment forecasts readers are encouraged to review the cautions discussed in report Section One - Introduction.

**CURRENT AND PROJECTED STUDENT COUNTS**

The projected 10-year and theoretical maturation student counts are summarized in these tables:

- Summary Table 1 for the district as a whole
- Summary Table 2 for the current elementary school (K-6) attendance areas
- Summary Table 3 for the current middle school (7-8) attendance areas
- Summary Table 4 for the current high school (9-12) attendance areas

Between 2010 and 2020:

- The district’s total resident K-6 population for the district is projected to increase 4.1% (from 8,130 students to 8,463 students), with twelve K-6 attendance areas seeing increased resident student counts and ten areas seeing decreased counts.
- The district’s total resident grade 7-8 population is projected to grow 4.8% (from 2,302 students to 2,412 students), with declines projected for the Castle Rock and Riverside attendance areas and increases projected for the Lewis & Clark and Will James areas.
- The district’s total resident grade 9-12 population is expected to increase by 7.2% (from 5,151 students to 5,524 students), with increases occurring in all but the current Skyview attendance area.

<i>Summary Table 1</i>					
<b>Projected Resident Student Populations for District As A Whole</b>					
<b>Grade Level</b>	<b>October 2010 Resident Student Population</b>	<b>Projected Resident Student Populations</b>			
		<b>2020</b>		<b>Theoretical Maturation *</b>	
		<b>Total</b>	<b>Change from 2010</b>	<b>Total</b>	<b>Change from 2010</b>
K-6	8,130	8,463	+333 (+4.1%)	10,660	+2,530 (+31.1%)
7-8	2,302	2,412	+110 (+ 4.8%)	3,534	+1,232 (+53.5%)
9-12	5,151	5,524	+373 (+7.2%)	9,063	+3,912 (+75.9%)
<b>TOTAL (K-12)</b>	<b>15,583</b>	<b>16,399</b>	<b>+816 (+ 5.2%)</b>	<b>23,257</b>	<b>+7,674 (+49.2%)</b>

\*See cautions noted herein on use of maturation projections

From 2010 through theoretical maturation the largest increases in student counts for grades K-6, 7-8, and 9-12 are projected, respectively, for the current Alkali Creek (191%), Central Heights (88%), and Arrowhead (78%) attendance areas; the current Castle Rock (84%) and Riverside (64%) attendance areas; and the current Skyview (90%) and West (79%) attendance areas.

**Summary Table 2**  
**Grade K-6 Resident Populations (2010 and Projected) for**  
**Current Elementary Attendance Areas\***

Current K-6 Attendance Area	2010 Resident Students	2020 Resident Students (Projected)	Difference 2010-2020	% Change Over 10 yrs	Theoretical Maturation	Difference 2010-Maturation	% Change From 2010 to Maturation
	(Actual)						
Alkali ES	389	316	-73	-19%	1,133	744	191%
Arrowhead ES	594	686	92	15%	1,058	464	78%
Beartooth ES	415	454	39	9%	587	172	41%
Bench ES	331	329	-2	-1%	455	124	37%
Big Sky ES	393	336	-57	-15%	540	147	37%
Butterroot ES	344	371	27	8%	428	84	24%
Boulder ES	297	327	30	10%	377	80	27%
Broadwater ES	369	336	-33	-9%	350	-19	-5%
Burlington ES	399	384	-15	-4%	434	35	9%
Central Heights ES	329	469	140	43%	620	291	88%
Eagle Cliffs ES	400	434	34	9%	592	192	48%
Highland ES	289	256	-33	-11%	302	13	4%
McKinley ES	375	357	-18	-5%	417	42	11%
Meadowlark ES	404	510	106	26%	435	31	8%
Miles Avenue ES	311	385	74	24%	286	-25	-8%
Newman ES	299	281	-18	-6%	356	57	19%
Orchard ES	433	384	-49	-11%	427	-6	-1%
Poly Drive ES	287	235	-52	-18%	338	51	18%
Ponderosa ES	360	392	32	9%	320	-40	-11%
Rose Park ES	249	289	40	16%	248	-1	0%
Sandstone ES	449	458	9	2%	508	59	13%
Washington ES	247	309	62	25%	282	35	14%
<b>Feeder Districts</b>							
	2010	2020	Difference 2010-2020	% Change Over 10 yrs	Theoretical Maturation	Difference 2010-Maturation	% Change From 2010 to Maturation
Blue Creek ESD #3 (K-6)	196	212	16	8%	817	621	317%
Canyon Creek ESD #4 (K-8)	161	163	2	1%	754	593	368%
Elder Grove ESD #8 (K-8)	285	424	139	49%	945	660	232%
Elysian ESD #23 (K-8)	121	232	111	92%	501	380	314%
Independent ESD #52 (K-6)	304	318	14	5%	984	680	224%
Lockwood ESD #26 (K-8)	920	868	-52	-6%	1,263	343	37%
Morin ESD #17 (K-6)	32	31	-1	-3%	37	5	16%
<b>All K-6 Totals including Feeder Districts:</b>	<b>9,982</b>	<b>10,546</b>			<b>15,794</b>		

\* All projections are based upon where students reside (the study area, or "neighborhood" that they live within). Current attendance areas are overlaid on the study areas to determine attendance area projections shown here for discussion purposes. If attendance areas are changed, then different figures would result.

**Summary Table 3**  
**Grade 7-8 Resident Populations (2010 and Projected) for**  
**Current Middle School Attendance Areas\***

Current Middle School Attendance Areas	2010 Resident Students (Actual)	2020 Resident Students (Projected)	Difference 2010-2020	% Change Over 10 yrs	Theoretical Maturation	Difference 2010-Maturation	% Change From 2010 to Maturation
	Castle Rock MS	727	696	-31	-4%	1,339	612
Lewis and Clark MS	506	590	84	17%	641	135	27%
Riverside MS	510	487	-23	-5%	837	327	64%
Will James MS	498	593	95	19%	661	163	33%
Clark / James Option Area	48	33	-15	-31%	42	-6	-13%
<b>7-8 TOTALS</b>	<b>2,289</b>	<b>2,399</b>	<b>110</b>	<b>5%</b>	<b>3,520</b>	<b>1,231</b>	<b>54%</b>

**Summary Table 4**  
**Grade 9-12 Resident Populations (Current and Projected) for**  
**Current High School Attendance Areas\***

Current High School Attendance Areas	2010 Resident Students (Actual)	2020 Resident Students (Projected)	Difference 2010-2020	% Change Over 10 yrs	Theoretical Maturation	Difference 2010-Maturation	% Change From 2010 to Maturation
	Senior HS	1,375	1,574	199	14%	2,233	858
Skyview HS	1,407	1,301	-106	-8%	2,679	1,272	90%
Skyview / Senior Option Area**	431	459	28	6%	720	289	67%
West HS	1,895	2,147	252	13%	3,389	1,494	79%
<b>9-12 TOTALS</b>	<b>5,108</b>	<b>5,481</b>	<b>373</b>	<b>7%</b>	<b>9,021</b>	<b>3,913</b>	<b>77%</b>

\* All projections are based upon where students reside (the study area, or "neighborhood" that they live within). Current attendance areas are overlaid on the study areas to determine attendance area projections shown here for discussion purposes. If attendance areas are changed, then different figures would result.

\*\* The HS "option area" is the Lockwood District. In Fall 2010, of the 431 9-12 students living in the option area, about 71% (307) attended Senior HS, 28% (120) attended Skyview HS and 1% (4) attended West HS.