

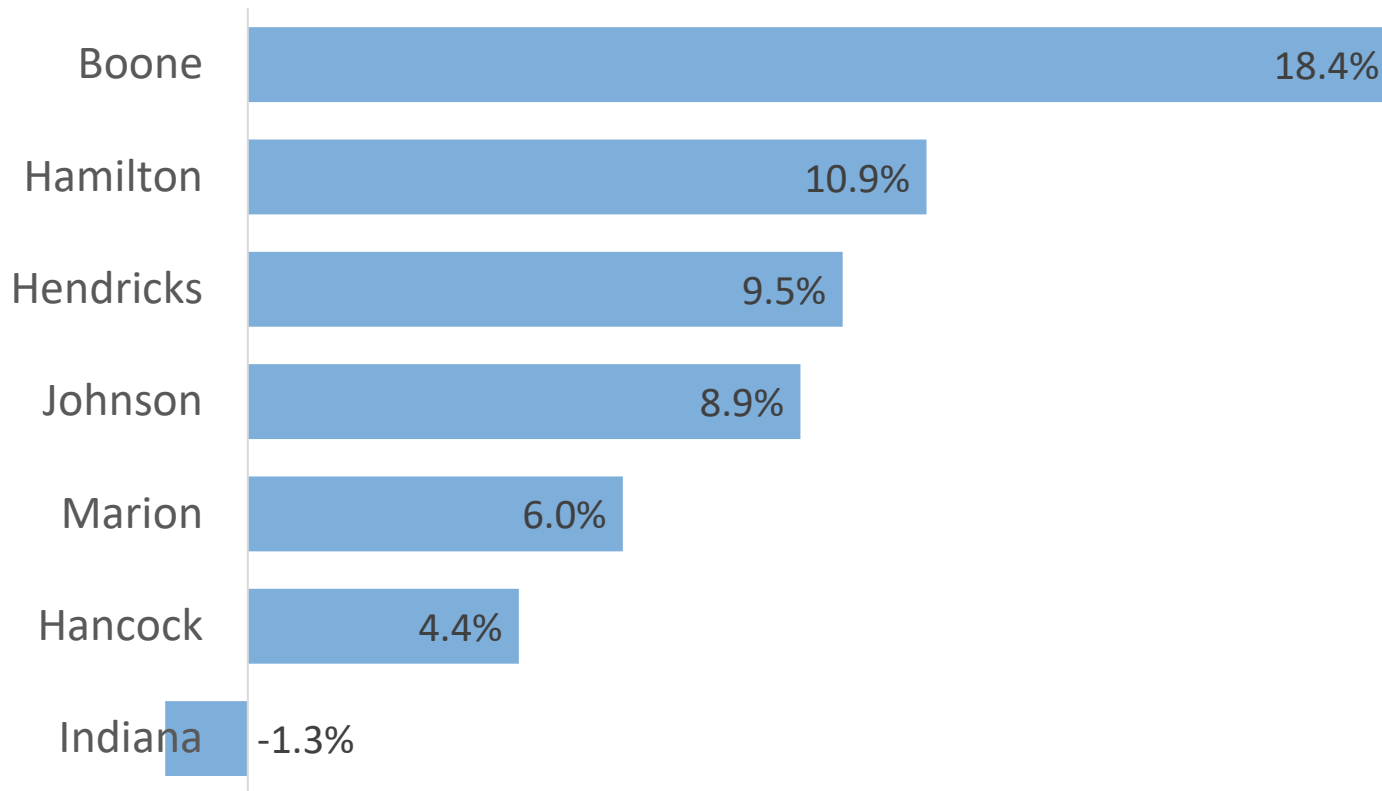
# Enrollment Projections for Zionsville Community Schools

Final Results  
March 2023

# Demographic Drivers

Between 2010 and 2021, Boone County led all Indiana counties in the growth rate for the population under the age of 18. All told, 75 of Indiana's 92 counties have seen population decline in this age group over the same period.

**Percent Change in Population Under 18, Select Counties, 2010 to 2021**

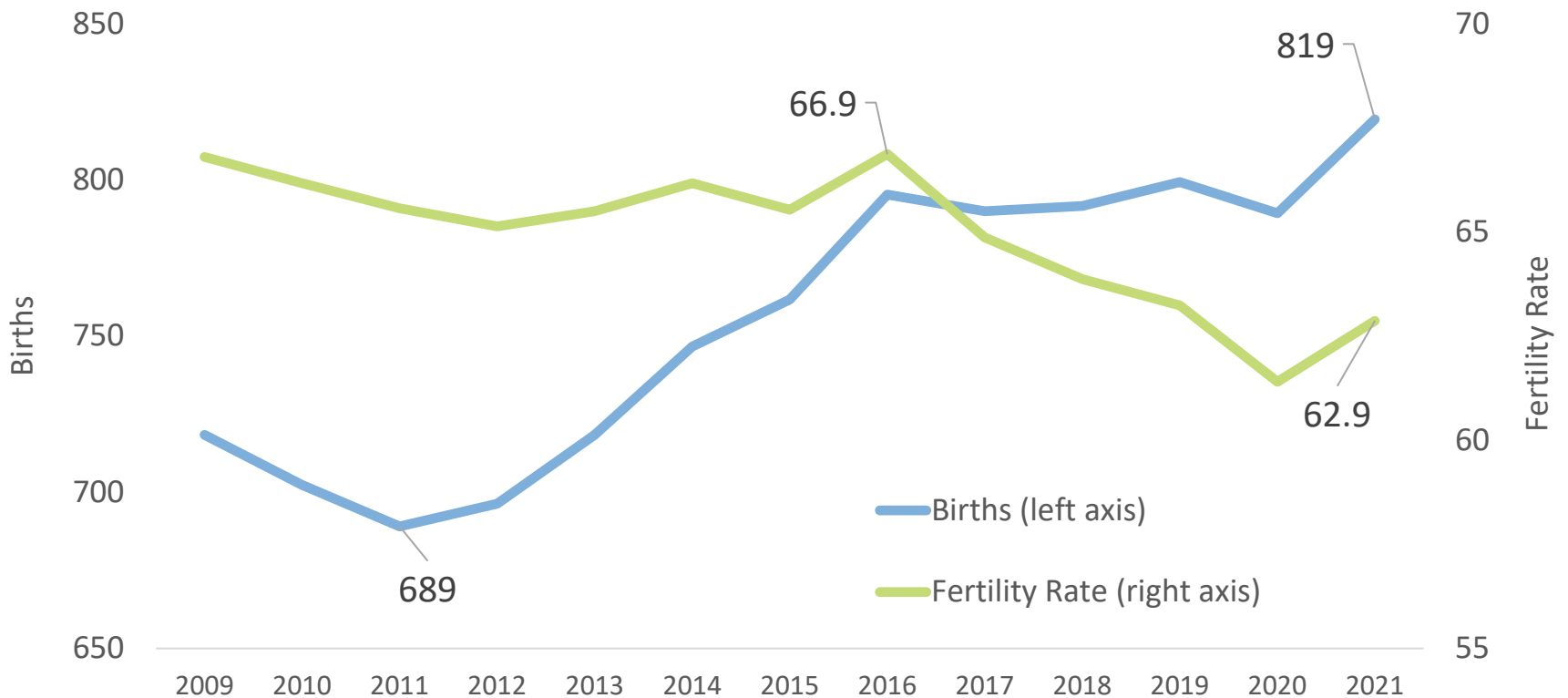


Source: U.S. Census Bureau

# Demographic Drivers

The number of births in Boone County has largely plateaued as fertility rates began to decline in 2017.

## Boone County Births and Fertility Rate, 3-year moving average



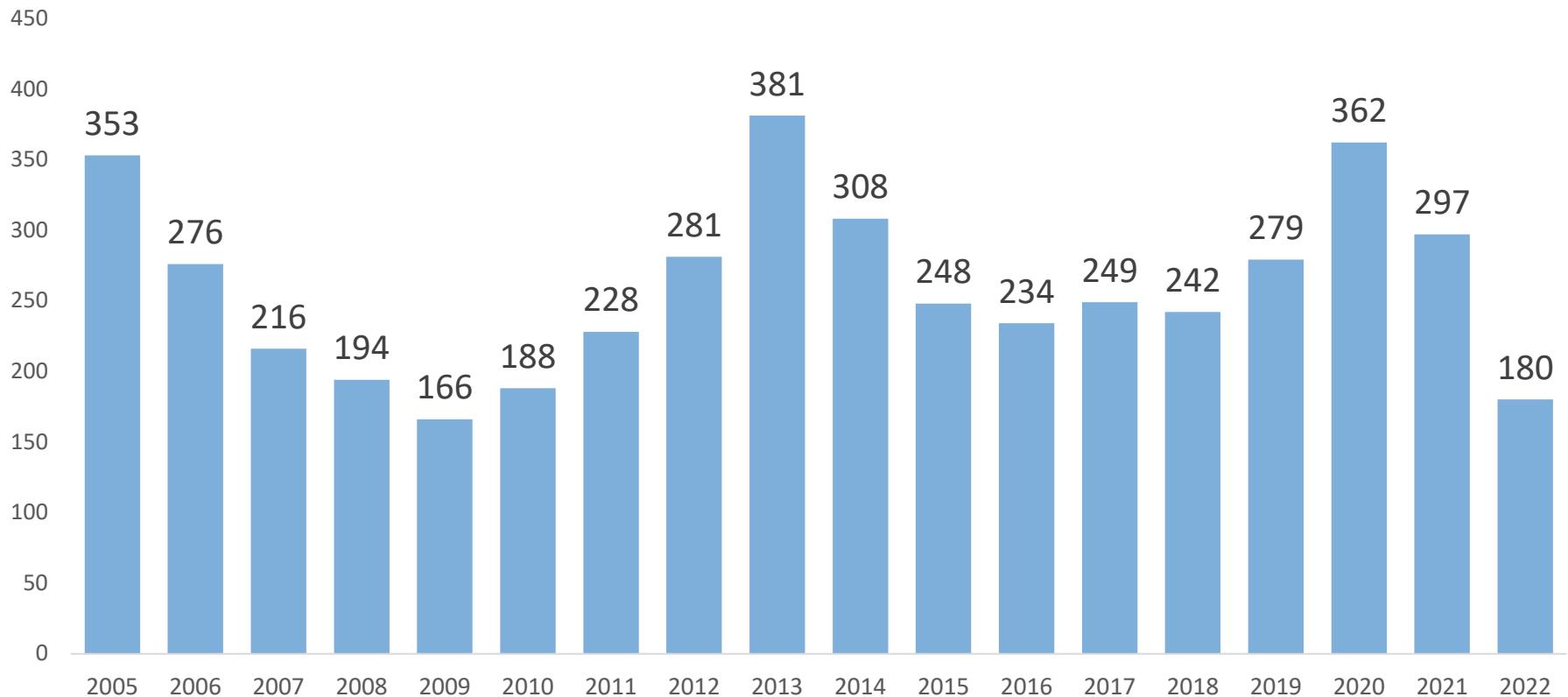
Note: Fertility rate represents the number of births per 1,000 women ages 15 to 44

Source: Indiana Department of Health

# Demographic Drivers

The 180 single-family building permits in the ZCS area in 2022 is the lowest annual tally since 2009.

## Annual Number of Single-family Residential Permits in ZCS Area



Sources: Town of Zionsville Planning Department, Town of Whitestown Plan Commission, Boone County Area Plan Commission

# Key Data Inputs

- **Cohort Transition Ratios:** These are the percent change in enrollment when a student cohort ages from one grade to the next (e.g., a 1<sup>st</sup> grade enrollment of 579 in 2021 and 2<sup>nd</sup> grade enrollment of 591 in 2022 yields a transition ratio of 1.02). Cohort ratios offer a good estimate of net migration by age.
- **Residential Building Permits:** The IBRC used the location of new residential development to inform assumptions about specific elementary and middle school projections.
- **Property Parcel File:** Details on residential parcels in ZCS area are used to develop enrollment multipliers. These multipliers help estimate the enrollment impacts of new residential development.
- **Births:** Data on births in Boone County, coupled with the IBRC's population projections for the area, help to inform projections for kindergarten enrollment.

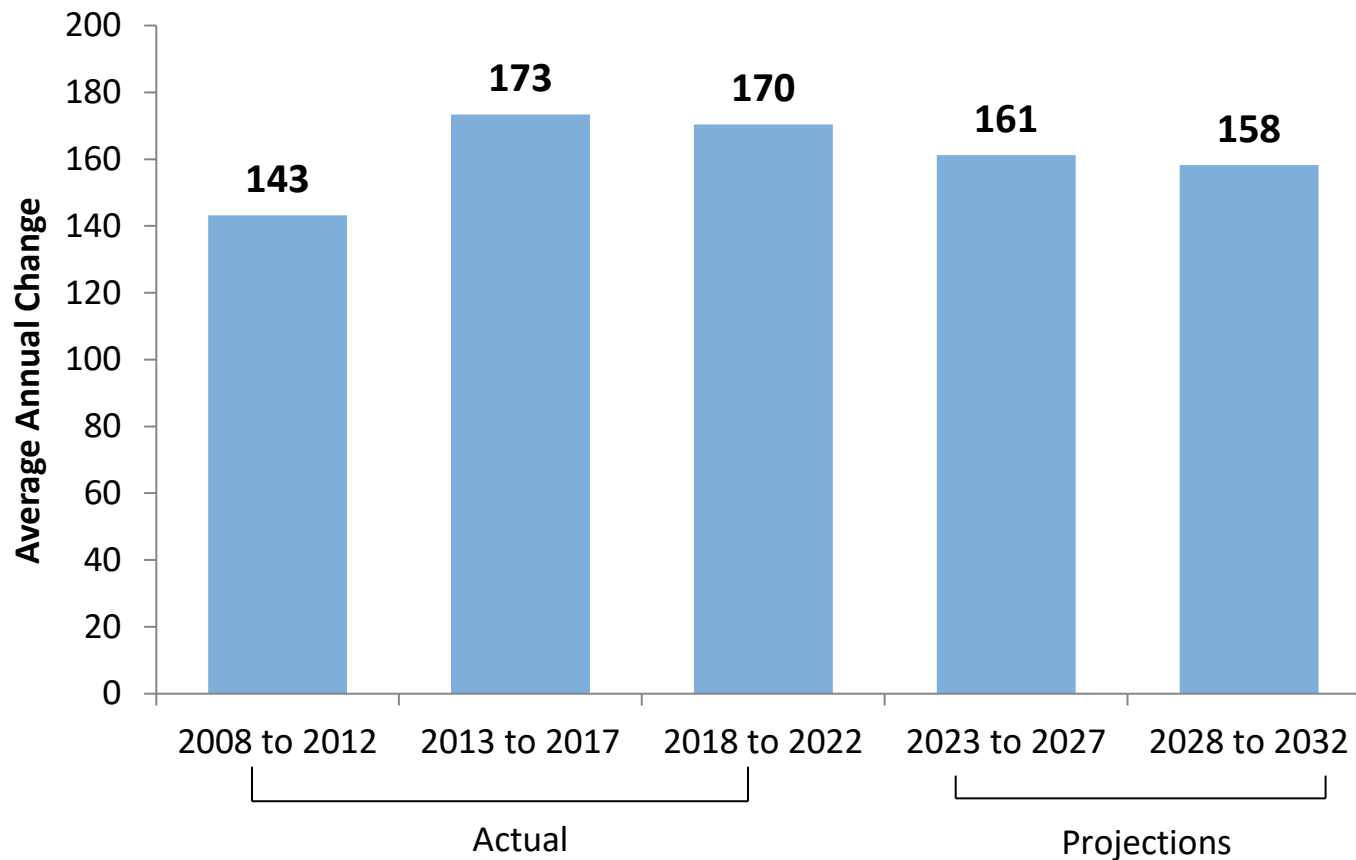
# ZCS Enrollment Projections by Grade Cluster

Grade Cluster	School Year		10-year Change	% Change
	2022-23	2032-33		
Elementary	2,994	3,503	509	17.0%
Middle School	2,410	2,921	511	21.2%
High School	2,247	2,814	567	25.2%
Total	7,651	9,238	1,587	20.7%

# Enrollment Growth Trend

This graphic presents the average annual change in enrollment over the previous 15 years, along with the projected average annual change over the next decade.

## Average Annual Change in Total Enrollment



# Dissecting Enrollment Change

## ZCS Enrollment Change

Grade	2021-22	2022-23	Change
K	577	532	
1	579	627	50
2	605	591	12
3	586	632	31
4	598	607	22
5	582	608	10
6	569	607	25
7	604	573	4
8	584	622	18
9	574	576	-8
10	551	579	5
11	552	558	7
12	556	534	-18
Sum of Cohort Transition Change			158
K – 12 <sup>th</sup> Grade Change			-24
<b>Total Enrollment Change</b>			<b>134</b>

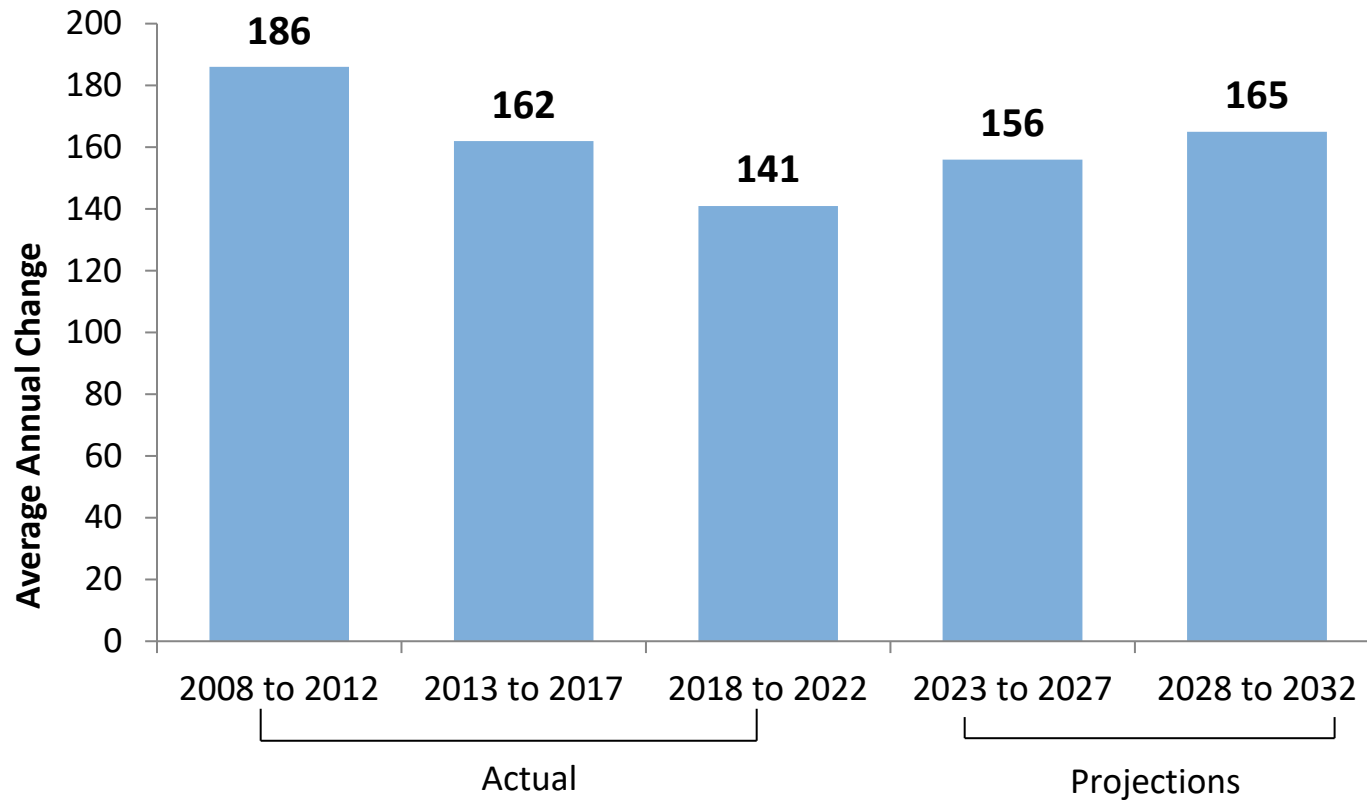
## Two Sources of Enrollment Change:

**Cohort Transitions**—Change in enrollment as grade cohorts transition from year to year. (e.g., the 2021 1<sup>st</sup> grade cohort grew by 12 students as it transitioned to 2<sup>nd</sup> grade in 2022)

**K – 12<sup>th</sup> grade Change**—The difference between the K cohort entering in the current year and the 12<sup>th</sup> grade cohort exiting the previous year.

# Dissecting Enrollment Change

## Average Annual Enrollment Change from Cohort Transitions

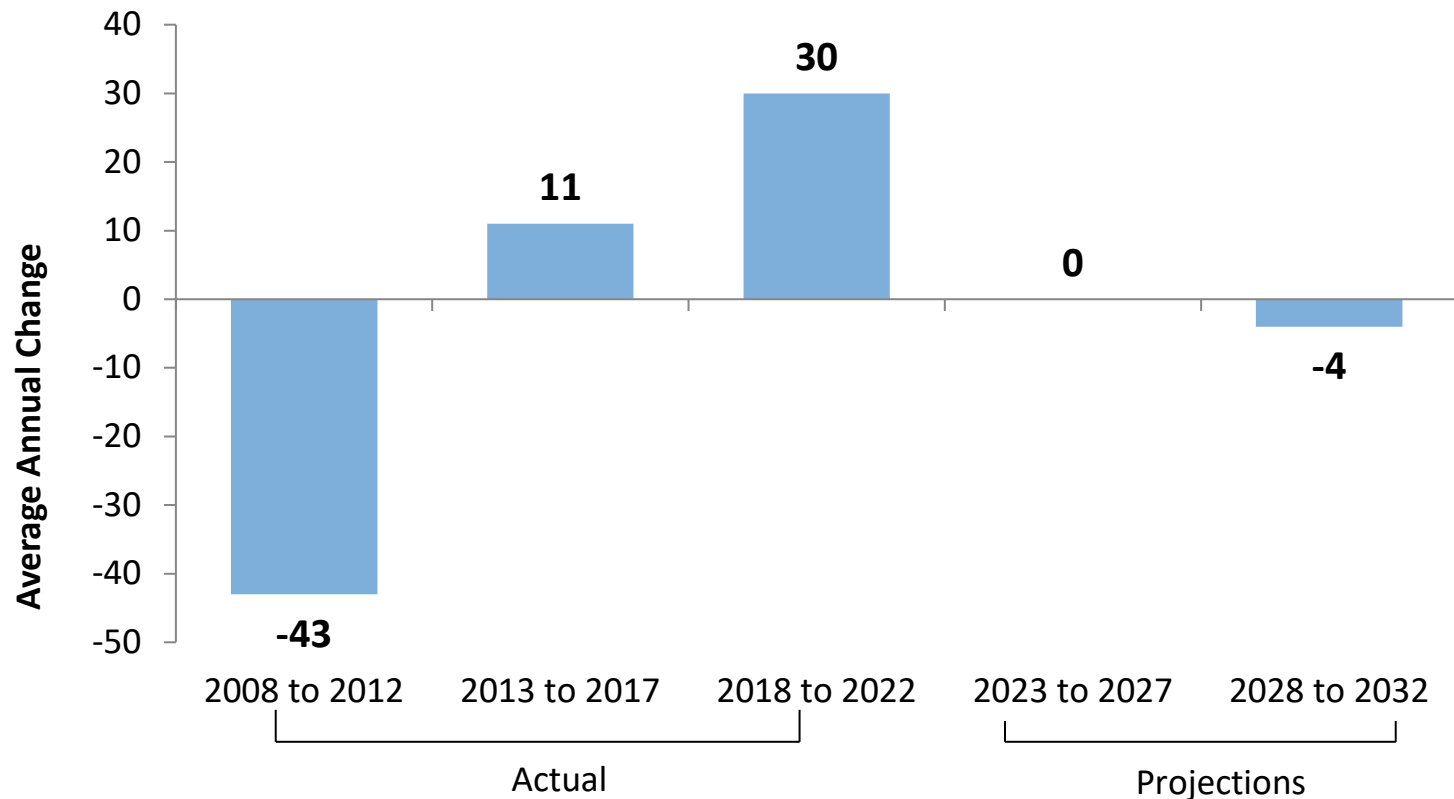


# Comparison of Projections Series

Average Senior Class Size:

- 2017 to 2020 – 498
- 2021 and 2022 – 545
- 2023 to 2027 – 584 (projected)
- 2028 to 2032 – 665 (projected)

## Average Annual Enrollment Change from K – 12<sup>th</sup> grade



# ZCS Enrollment Projections

Grade	Actual				Projected									
	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	
K	516	576	532	545	582	536	603	612	622	630	640	647	656	
1	575	580	627	568	580	621	570	643	650	660	671	681	688	
2	560	605	591	653	595	606	646	593	669	678	688	698	708	
3	561	585	636	611	674	611	623	667	613	689	697	708	719	
4	564	598	608	658	634	697	632	642	688	633	712	719	732	
Sub-Total	2,776	2,944	2,994	3,035	3,065	3,071	3,074	3,157	3,242	3,290	3,408	3,453	3,503	
# Change	18	168	50	51	30	6	3	83	85	48	118	45	50	
% Change	0.7%	6.1%	1.7%	1.7%	1.0%	0.2%	0.1%	2.7%	2.7%	1.5%	3.6%	1.3%	1.4%	
5	560	584	608	621	671	647	711	645	655	701	646	726	734	
6	582	569	607	624	637	688	664	729	661	672	719	662	744	
7	568	603	573	627	644	658	711	686	753	683	694	743	684	
8	596	585	622	585	640	658	673	727	702	770	698	710	759	
Sub-Total	2,306	2,341	2,410	2,457	2,592	2,651	2,759	2,787	2,771	2,826	2,757	2,841	2,921	
# Change	44	27	69	47	135	59	108	28	-16	55	-69	84	80	
% Change	4.6%	2.7%	2.9%	2.0%	5.5%	2.3%	4.1%	1.0%	-0.6%	2.0%	-2.4%	3.0%	2.8%	
9	558	575	576	609	570	623	640	648	700	676	753	671	691	
10	545	549	579	578	612	572	626	642	650	702	678	755	673	
11	550	552	558	589	588	622	582	636	652	660	713	688	767	
12	498	556	534	555	585	584	618	577	631	647	655	708	683	
Sub-Total	2,151	2,232	2,247	2,331	2,355	2,401	2,466	2,503	2,633	2,685	2,799	2,822	2,814	
# Change	44	27	15	84	24	46	65	37	130	52	114	23	-8	
% Change	4.6%	2.7%	2.7%	3.7%	1.0%	2.0%	2.7%	1.5%	5.2%	2.0%	4.2%	0.8%	-0.3%	
Total Enrollment	7,233	7,517	7,651	7,823	8,012	8,123	8,299	8,447	8,646	8,801	8,964	9,116	9,238	
# Change	95	284	134	182	189	111	176	148	199	155	163	152	122	
% Change	1.3%	3.9%	1.8%	2.4%	2.4%	1.4%	2.2%	1.8%	2.4%	1.8%	1.9%	1.7%	1.3%	

# Elementary School Districts

Roughly 56% of all single-family development in recent years has occurred in either the Trailside or Pleasant View areas.

## Single-family Residential Building Permits by Elementary District

Elementary School	2019	2020	2021	2022	Total	% of Total
Boone Meadow	87	108	22	0	217	20.8%
Eagle	51	69	27	4	151	14.5%
Pleasant View	8	60	114	96	278	26.7%
Stonegate	14	1	3	4	22	2.1%
Trailside	52	98	123	30	303	29.1%
Union	41	7	0	24	72	6.9%

Sources: Town of Zionsville Planning Department, Town of Whitestown Plan Commission

# Elementary School Districts

There are nearly 1,100 single-family residential lots that are approved for future development or are in the planning stages. 55% of these lots are in the Trailside area.

## Approximate Number of Single-family Lots Remaining in Active or Planned Subdivisions

Active Subdivision (Elementary)	Remaining Lots
Holliday Farms (Pleasant View)	203
Pemberton (Trailside)	39
Chelsea Park (Pleasant View)	19
Approved or Planned Subdivision (Elementary)	Lots
Union Woodlands (Union)	179
Devonshire (Trailside)	106
Promontory (Union)	80
Ansley Park (Pleasant View)	12
Johnson Farm (Trailside)	450
<b>Total</b>	<b>1,088</b>

Sources: Town of Zionsville Planning Department, Town of Whitestown Plan Commission

# Elementary School Districts

In addition, there are multi-family developments that have either been approved or planned that could bring an additional 950 units to the area.

## Approximate Number of Approved or Proposed Multi-family Units

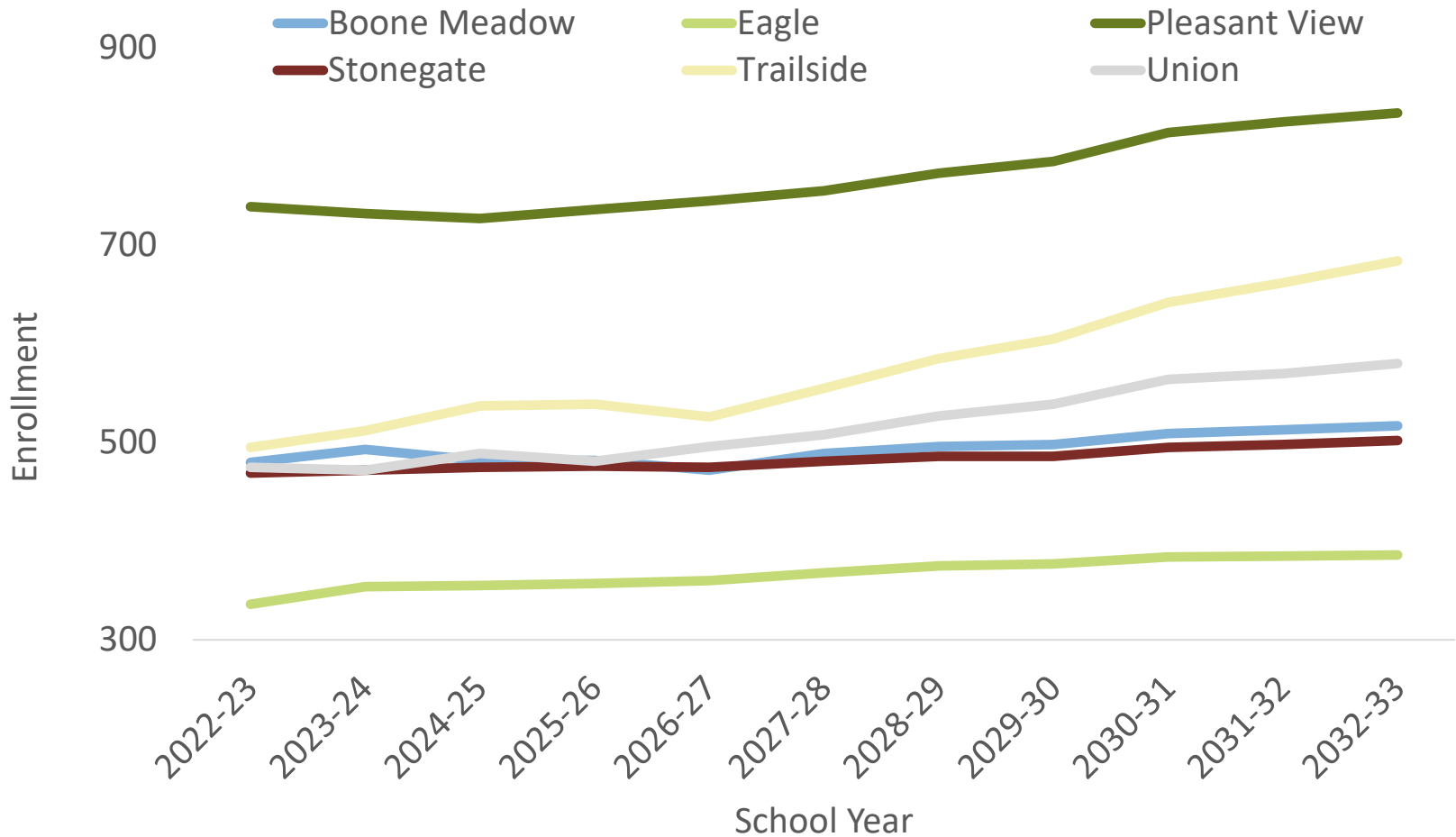
Multi-Family Developments (Elementary)	Units
Appaloosa Crossing (Union)	113
The Farm (Eagle)	400
Adler Apartments (Stonegate)	179
Johnson Farm (Trailside)	260
<b>Total</b>	<b>952</b>

# Enrollment Projections by Elementary School

School	School Year		10-year Change	% Change
	2022-23	2032-33		
Boone Meadow	480	517	37	7.7%
Eagle	336	386	50	14.9%
Pleasant View	739	834	95	12.9%
Stonegate	469	502	33	7.0%
Trailside	495	684	189	38.2%
Union	475	580	105	22.1%

# Projections by Elementary School

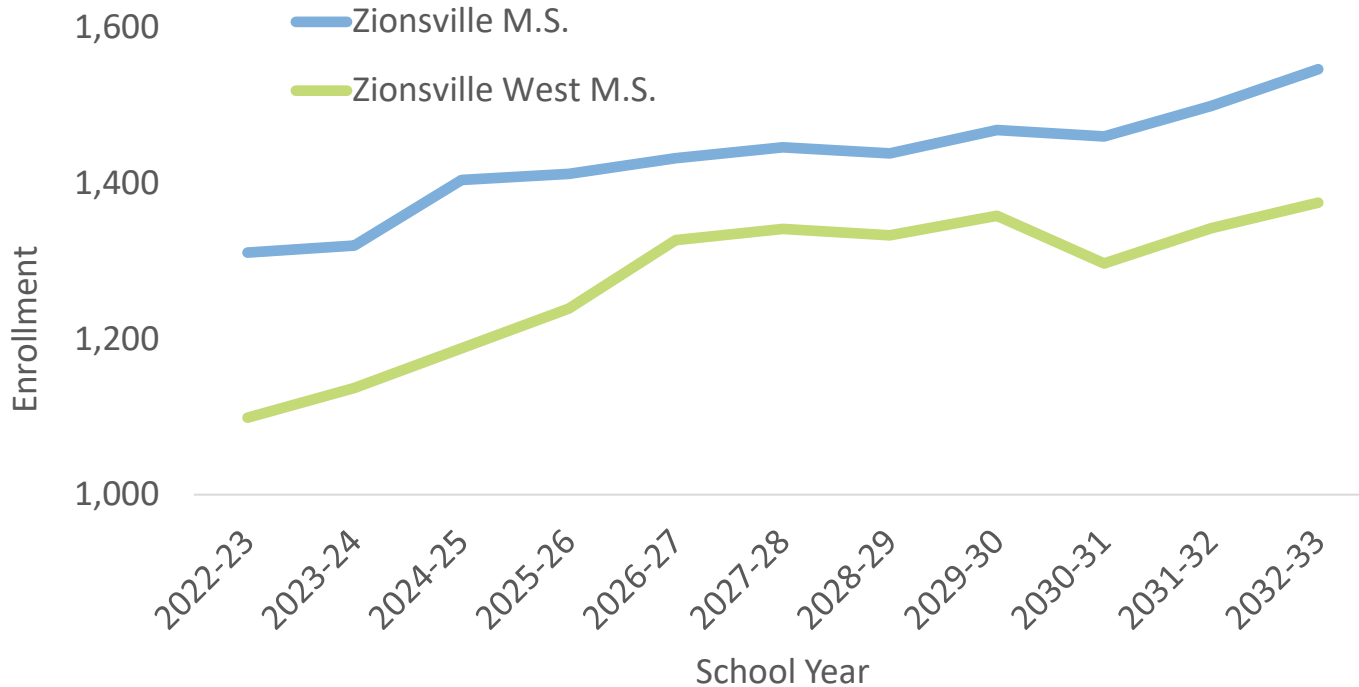
## Total Enrollment, 2022-23 to 2032-33



# Projections by Middle School

School	School Year		10-year Change	% Change
	2022-23	2032-33		
Zionsville M.S.	1,311	1,546	235	17.9%
Zionsville West M.S.	1,099	1,375	276	25.1%

## Total Enrollment, 2022-23 to 2032-33



# Individual School Projections: Boone Meadow Elementary

## Detailed Enrollment Projection: Boone Meadow Elementary

Grade	Actual	Projected									
	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
K	80	94	100	91	98	99	101	102	102	102	103
1	114	83	95	101	92	99	100	102	103	103	103
2	91	110	83	95	101	92	99	100	102	103	103
3	112	92	109	83	95	101	92	99	100	102	103
4	87	114	95	112	86	98	104	95	102	103	105
Total	484	493	482	482	472	489	496	498	509	513	517
# Change		13	-11	0	-10	17	7	2	11	4	4
% Change		2.7%	-2.2%	0.0%	-2.1%	3.6%	1.4%	0.4%	2.2%	0.8%	0.8%

# Individual School Projections: Eagle Elementary

## Detailed Enrollment Projection: Eagle Elementary

Grade	Actual	Projected									
	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
K	65	66	72	66	75	76	76	76	76	77	77
1	71	66	67	73	67	76	76	76	76	76	77
2	66	74	69	69	75	69	77	77	77	77	77
3	77	69	76	71	70	75	70	77	77	77	77
4	57	79	71	78	73	72	76	71	78	78	78
<b>Total</b>	<b>336</b>	<b>354</b>	<b>355</b>	<b>357</b>	<b>360</b>	<b>368</b>	<b>375</b>	<b>377</b>	<b>384</b>	<b>385</b>	<b>386</b>
<b># Change</b>		<b>18</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>7</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>1</b>
<b>% Change</b>		<b>5.4%</b>	<b>0.3%</b>	<b>0.6%</b>	<b>0.8%</b>	<b>2.2%</b>	<b>1.9%</b>	<b>0.5%</b>	<b>1.9%</b>	<b>0.3%</b>	<b>0.3%</b>

# Individual School Projections: Pleasant View Elementary

## Detailed Enrollment Projection: Pleasant View Elementary

Grade	Actual	Projected									
	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
K	130	130	137	125	140	140	141	143	147	148	149
1	140	139	139	146	133	150	151	152	154	160	159
2	134	146	146	145	153	139	158	161	161	163	169
3	167	141	155	156	156	164	150	170	171	172	174
4	168	176	150	164	163	162	173	159	181	182	183
Total	739	732	727	736	745	755	773	785	814	825	834
# Change		-7	-5	9	9	10	18	12	29	11	9
% Change		-0.9%	-0.7%	1.2%	1.2%	1.3%	2.4%	1.6%	3.7%	1.4%	1.1%

# Individual School Projections: Stonegate Elementary

## Detailed Enrollment Projection: Stonegate Elementary

Grade	Actual	Projected									
	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
K	89	91	96	88	95	95	96	97	97	98	98
1	99	92	94	100	91	98	98	99	100	100	102
2	91	99	92	94	100	91	98	98	99	100	100
3	97	92	100	93	95	101	92	99	99	100	101
4	93	98	93	101	94	96	102	93	100	100	101
Total	469	472	475	476	475	481	486	486	495	498	502
# Change		3	3	1	-1	6	5	0	9	3	4
% Change		0.6%	0.6%	0.2%	-0.2%	1.3%	1.0%	0.0%	1.9%	0.6%	0.8%

# Individual School Projections: Trailside Elementary

## Detailed Enrollment Projection: Trailside Elementary

Grade	Actual	Projected									
	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
K	80	83	91	87	103	109	113	116	120	124	128
1	117	92	95	105	98	116	121	125	130	132	137
2	103	129	103	106	114	106	125	129	134	138	140
3	96	109	136	102	106	115	108	126	131	136	141
4	99	99	112	139	105	109	118	109	127	132	138
Total	495	512	537	539	526	555	585	605	642	662	684
# Change		17	25	2	-13	29	30	20	37	20	22
% Change		3.4%	4.9%	0.4%	-2.4%	5.5%	5.4%	3.4%	6.1%	3.1%	3.3%

# Individual School Projections: Union Elementary

## Detailed Enrollment Projection: Union Elementary

Grade	Actual	Projected									
	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
K	86	81	86	79	92	93	95	96	98	98	101
1	90	96	90	96	89	104	104	106	108	110	110
2	105	95	102	97	103	96	112	113	115	117	119
3	88	108	98	106	101	110	101	118	119	121	123
4	106	92	113	103	111	105	115	106	124	124	127
Total	475	472	489	481	496	508	527	539	564	570	580
# Change		-3	17	-8	15	12	19	12	25	6	10
% Change		-0.6%	3.6%	-1.6%	3.1%	2.4%	3.7%	2.3%	4.6%	1.1%	1.8%

# Individual School Projections: Zionsville Middle School

## Detailed Enrollment Projection: Zionsville Middle School

Grade	Actual	Projected									
	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
5	334	339	355	341	351	352	345	370	342	390	391
6	339	341	346	361	348	358	359	352	378	349	398
7	288	348	350	355	371	358	369	370	363	390	360
8	350	292	353	355	362	378	365	376	377	370	397
Total	1,311	1,320	1,404	1,412	1,432	1,446	1,438	1,468	1,460	1,499	1,546
# Change		9	84	8	20	14	-8	30	-8	39	47
% Change		0.7%	6.4%	0.6%	1.4%	1.0%	-0.6%	2.1%	-0.5%	2.7%	3.1%

# Individual School Projections: Zionsville West Middle School

## Detailed Enrollment Projection: Zionsville West Middle School

Grade	Actual	Projected									
	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
5	274	282	316	306	360	293	310	331	304	336	343
6	268	283	291	327	316	371	302	320	341	313	346
7	285	279	294	303	340	328	384	313	331	353	324
8	272	293	287	303	311	349	337	394	321	340	362
Total	1,099	1,137	1,188	1,239	1,327	1,341	1,333	1,358	1,297	1,342	1,375
# Change		38	51	51	88	14	-8	25	-61	45	33
% Change		3.5%	4.5%	4.3%	7.1%	1.1%	-0.6%	1.9%	-4.5%	3.5%	2.5%

# Individual School Projections: Zionsville High School

## Detailed Enrollment Projection: Zionsville High School

Grade	Actual	Projected									
	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
9	576	609	570	623	640	648	700	676	753	671	691
10	579	578	612	572	626	642	650	702	678	755	673
11	558	589	588	622	582	636	652	660	713	688	767
12	534	555	585	584	618	577	631	647	655	708	683
Total	2,247	2,331	2,355	2,401	2,466	2,503	2,633	2,685	2,799	2,822	2,814
# Change		84	24	46	65	37	130	52	114	23	-8
% Change		3.7%	1.0%	2.0%	2.7%	1.5%	5.2%	2.0%	4.2%	0.8%	-0.3%