

MEMBERSHIP UPDATE

**BOE STUDY SESSION
FEBRUARY 9, 2022**

**C.A.A.C
FEBRUARY 17, 2022 (Rev)**

MEMBERSHIP VS ENROLLMENT

MEMBERSHIP

The number of students actively enrolled in grades PK-12 during the October Count window.

ENROLLMENT

The number of students for which CDE calculates funding.

Facilities uses **Membership** numbers for projections.

- How many students and where do they sit?

TWO-YEAR MEMBERSHIP SUMMARY

DISTRICT-WIDE:

2020-21: 84,062 dropped to 80,088 (-3,974) (~-4.7%)

2021-22: 80,088 dropped to 78,486 (-1,602) (~-2.0%)

Two-year total: -5,576 (~-6.6%)

DISTRICT-MANAGED (W/O CHARTERS):

2020-21: 74,874 dropped to 70,996 (-3,878) (~-5.2%)

2021-22: 70,996 dropped to 69,526 (-1,470) (~-2.1%)

Two-year total: -5,348 (~-7.1%)

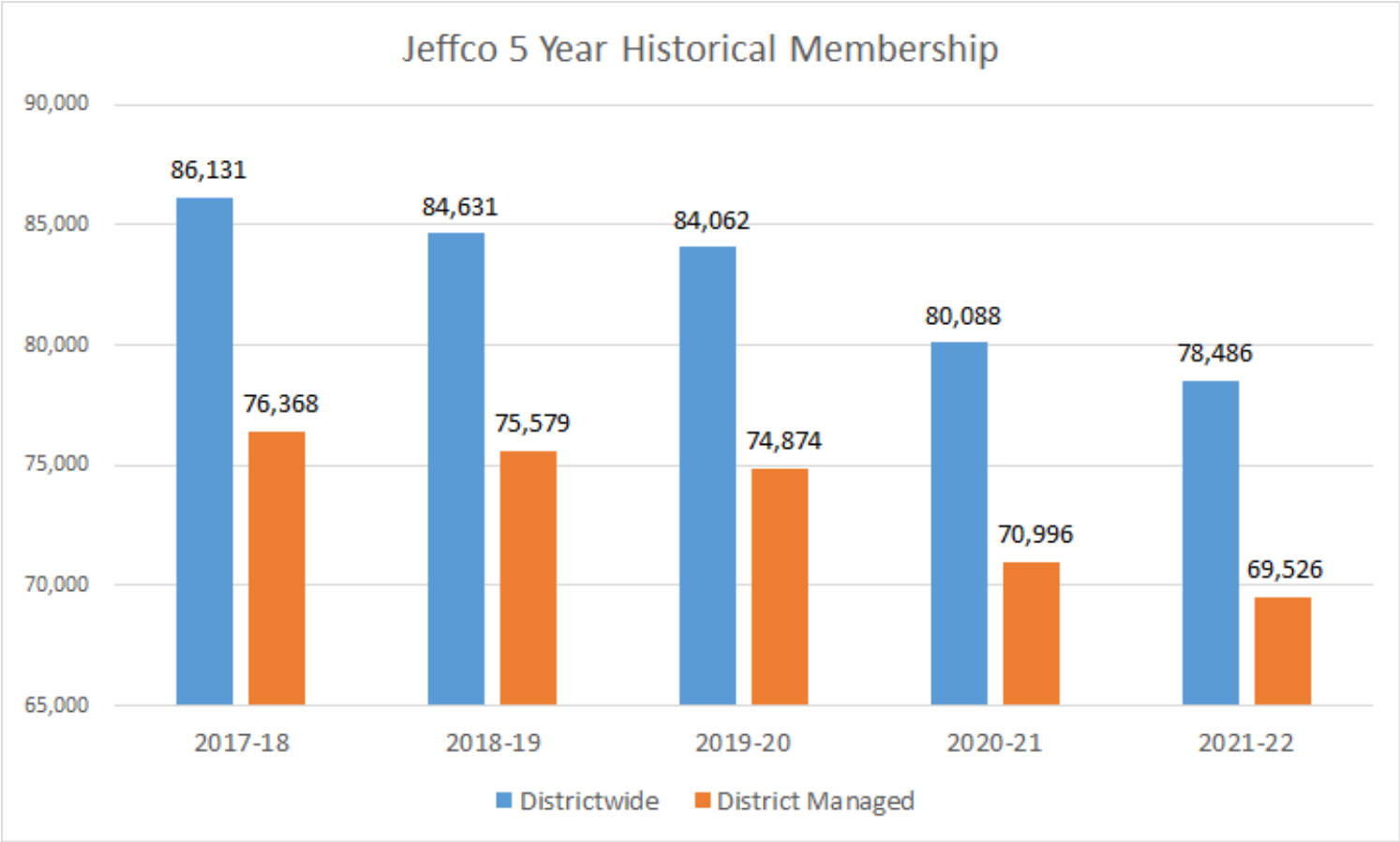
CHARTERS:

2020-21: 9,188 dropped to 9,092 (-96) (~-1.0%)

2021-22: 9,092 dropped to 8,960 (-132) (~-1.5%)

Two-year total: -228 (~-2.5%)

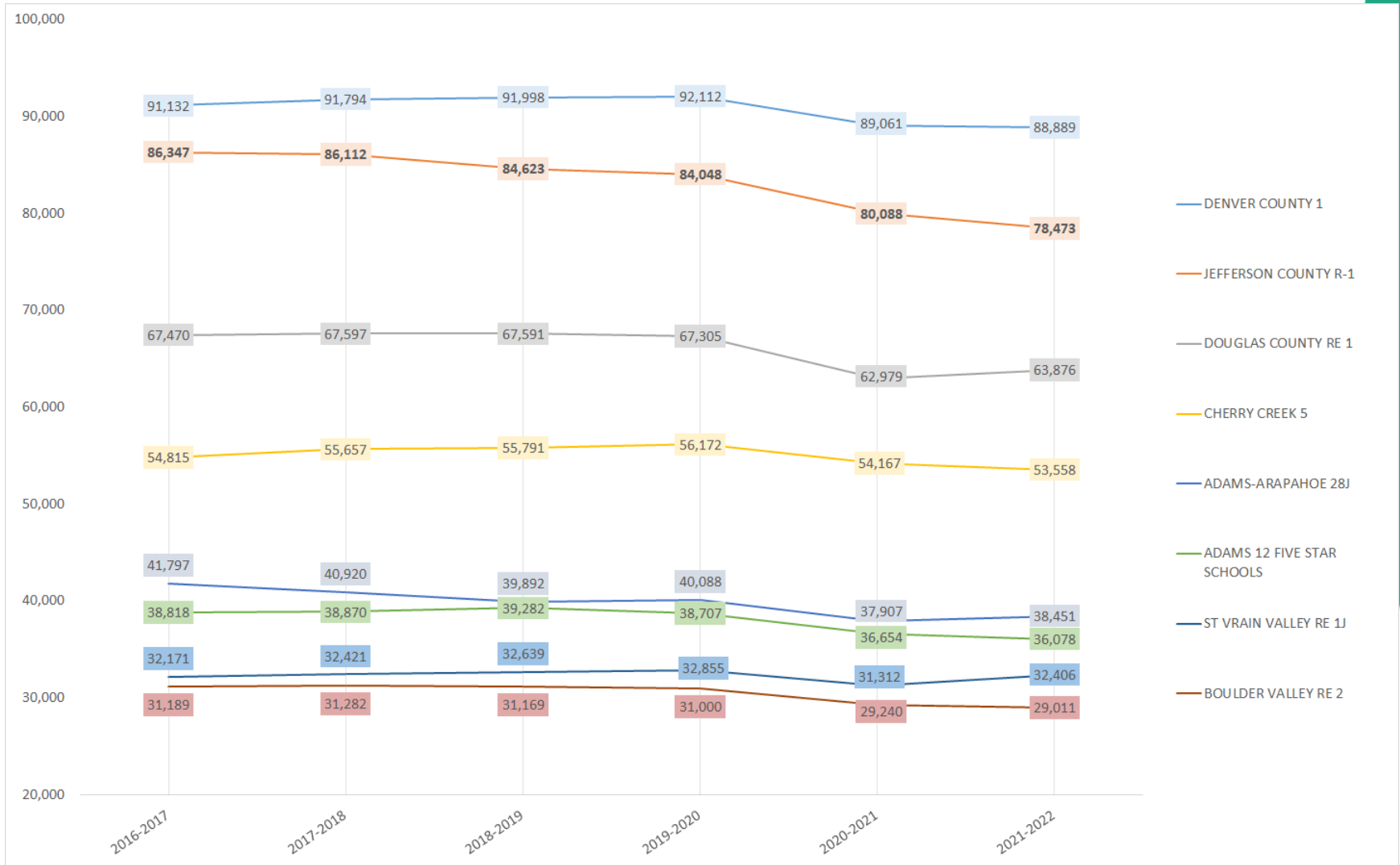
Five-Year Membership



* Membership was reported as 78,480 at November 11, 2021 BOE Meeting.



Denver Metro 5-Year Historical Membership



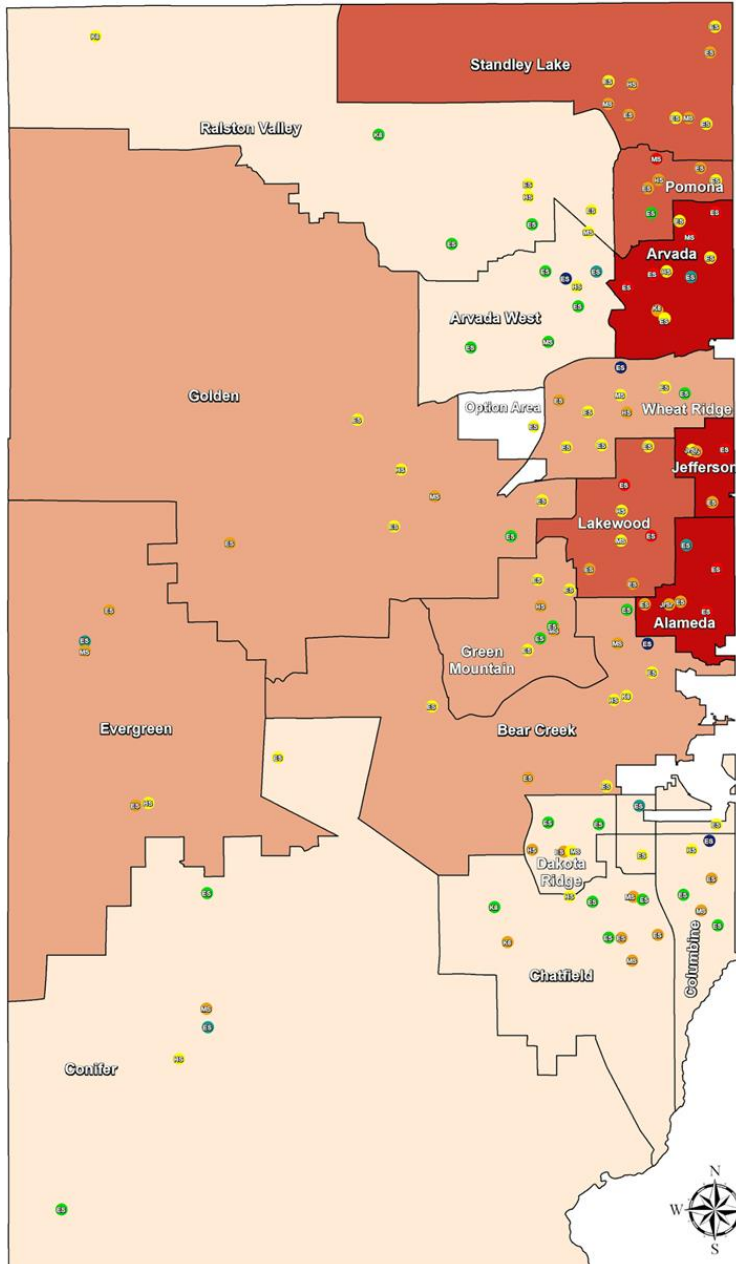
Students Choice Enrolling In and Out of Jeffco

District	2019-20			2020-21			2021-22		
	Choice In	Choice Out	Difference	Choice In	Choice Out	Difference	Choice In	Choice Out	Difference
Denver County 1	2,399	1,289	1,110	2,280	1,252	1,028	2,219	1,334	885
Charter School Institute	0	1,035	-1,035	0	1,255	-1,255	0	1,264	-1,264
Littleton 6	202	553	-351	183	503	-320	204	500	-296
Douglas County RE 1	235	415	-180	206	348	-142	219	346	-127
Boulder Valley RE 2	293	335	-42	259	329	-70	242	310	-68
Byers 32J	1	120	-119	0	378	-378	0	256	-256
Mapleton 1	94	132	-38	100	247	-147	86	231	-145
Westminster 50	1,161	190	971	1,061	202	859	996	192	804
Educ Reenvisioned BOCES	0	215	-215	0	316	-316	0	188	-188
Falcon 49	0	75	-75	0	84	-84	2	93	-91
Adams 12 Five Star	957	62	895	956	68	888	848	73	775
Durango 9-R	0	25	-25	0	163	-163	0	41	-41
Clear Creek RE-1	223	39	184	213	43	170	213	37	176
Other Districts	857	305	552	683	270	413	748	223	525
Total	6,422	4,790	1,632	5,941	5,458	483	5,777	5,088	689

Out of District Schools With 50+ Jeffco Students

District	School	2019-20	2020-21	2021-22
Boulder Valley Re 2	Broomfield High School	123	119	104
Byers 32J	Astravo Online Academy High School	39	101	89
Charter School Institute	Golden View Classical Academy	614	640	663
Charter School Institute	Early College of Arvada	99	199	171
Charter School Institute	Academy of Charter Schools	81	89	94
Charter School Institute	Colorado Early Colleges Windsor	<16	57	72
Charter School Institute	Global Village Academy - Northglenn	98	76	65
Denver County 1	North High School	46	48	71
Denver County 1	Rocky Mountain Prep: Berkeley	39	48	59
Denver County 1	John F Kennedy High School	51	51	52
Denver County 1	Denver School of the Arts	64	56	51
District 49	GOAL Academy	75	84	92
Douglas County Re 1	STEM School Highlands Ranch	160	164	143
Douglas County Re 1	HOPE Online Learning Academy High School	75	62	62
Education reEnvisioned BOCES	Colorado Preparatory Academy Elementary School	48	141	62
Littleton 6	Heritage High School	133	133	126
Littleton 6	Wilder Elementary School	93	87	107
Littleton 6	Littleton Prep Charter School	87	88	80
Mapleton 1	Colorado Connections Academy	114	229	191
Westminster Public Schools	Colorado STEM Academy	57	66	59

Percent Change in Membership (2020-21 to 2021-22)



Percent Change in Membership by School and Articulation Area from 2020-21 to 2021-22

Schools

% Membership Change from 2020

- -18.01% to -11.46% (10 schools)
- -11.45% to -4.91% (37 schools)
- -4.90% to 0.00% (45 schools)
- 0.01% to 8.18% (23 schools)
- 8.19% to 14.73% (6 schools)
- 14.74% to 21.28% (4 schools)

Articulation Areas

% Membership Change from 2020

- -8.52% to -6.56%
- -6.55% to -4.59%
- -4.58% to -2.62%
- -2.61% to -0.64%

*Membership includes PK-12 and does not include Irwin PK, charter, option, or special schools.

Choice In / Choice Out by Articulation Area

Matriculation Artic	Students	Choice In	% Choice IN
⊕ Alameda	2,568	936	36.4%
⊕ Arvada	3,297	1,366	41.4%
⊕ Arvada West	4,306	1,375	31.9%
⊕ Bear Creek	4,792	2,165	45.2%
⊕ Charter	8,589	8,589	100.0%
⊕ Chatfield	5,579	1,400	25.1%
⊕ Columbine	3,912	1,381	35.3%
⊕ Conifer	2,161	364	16.8%
⊕ Dakota Ridge	4,059	1,575	38.8%
⊕ Districtwide	225	225	100.0%
⊕ Evergreen	2,515	414	16.5%
⊕ Golden	3,986	752	18.9%
⊕ Green Mountain	3,498	1,155	33.0%
⊕ Jefferson	1,393	517	37.1%
⊕ Lakewood	3,942	2,010	51.0%
⊕ Option	5,722	5,722	100.0%
⊕ Other	129	129	100.0%
⊕ Pomona	2,688	1,159	43.1%
⊕ Ralston Valley	5,391	1,041	19.3%
⊕ Standley Lake	3,800	1,042	27.4%
⊕ Wheat Ridge	3,581	1,507	42.1%
⊕ (blank)	10	10	100.0%
Grand Total	76,143	34,834	45.7%

Boundary Artic	Live IN	Choice OUT	% Choice OUT
⊕ Alameda	3,921	2,289	58.4%
⊕ Arvada	4,901	2,969	60.6%
⊕ Arvada West	4,714	1,837	39.0%
⊕ Bear Creek	5,982	3,303	55.2%
⊕ Chatfield	5,838	1,659	28.4%
⊕ Columbine	3,493	962	27.5%
⊕ Conifer	2,490	585	23.5%
⊕ Dakota Ridge	3,609	1,177	32.6%
⊕ Evergreen	2,638	645	24.5%
⊕ Golden	4,833	1,621	33.5%
⊕ Golden or Wheat Ridge	646	256	39.6%
⊕ Green Mountain	3,851	1,508	39.2%
⊕ Jefferson	1,627	793	48.7%
⊕ Lakewood	3,651	1,678	46.0%
⊕ Other District	6,980	6,980	100.0%
⊕ Pomona	2,984	1,455	48.8%
⊕ Ralston Valley	6,003	1,494	24.9%
⊕ Standley Lake	4,437	1,852	41.7%
⊕ Wheat Ridge	3,545	1,771	50.0%
Grand Total	76,143	34,834	45.7%

High School Utilization

Low Utilization 65% or Below					
High Schools	2017-18	2018-19	2019-20	2020-21	2021-22
Arvada High	41%	40%	38%	44%	38%
Green Mountain High	60%	60%	61%	64%	59%
Pomona High	74%	70%	69%	65%	62%
Wheat Ridge High	73%	71%	69%	68%	64%
Conifer Senior High	69%	67%	68%	66%	64%

Middle School Utilization

Low Utilization 65% or Below					
Middle and K-8 Schools	2017-18	2018-19	2019-20	2020-21	2021-22
Deer Creek Middle	69%	71%	66%	58%	53%
North Arvada Middle	52%	71%	70%	66%	56%
<i>Everitt Middle</i>	54%	73%	67%	61%	58%
Coal Creek Canyon K-8	70%	67%	74%	59%	59%
Arvada K-8	88%	84%	71%	67%	60%
Moore Middle	52%	75%	72%	69%	61%
Bell Middle	82%	88%	76%	70%	64%
Carmody Middle	53%	80%	79%	71%	64%

Title I School

Elementary School Utilization

Low Utilization 65% or Below					
Elementary Schools	2017-18	2018-19	2019-20	2020-21	2021-22
<i>Fitzmorris Elementary</i>	65%	58%	49%	43%	36%
<i>Thomson Elementary</i>	75%	62%	54%	46%	39%
<i>Swanson Elementary</i>	59%	47%	45%	40%	39%
<i>Peck Elementary</i>	75%	58%	57%	46%	39%
<i>Emory Elementary</i>	56%	53%	50%	48%	44%
<i>Stevens Elementary</i>	56%	46%	48%	44%	46%
<i>Lukas Elementary</i>	93%	68%	62%	52%	48%
<i>Glennon Heights Elementary</i>	77%	75%	60%	52%	48%
<i>Lasley Elementary</i>	76%	71%	68%	59%	48%
<i>New Classical Academy at Vivian</i>	72%	55%	48%	50%	49%
<i>Bergen Meadow Elementary Primary</i>	59%	57%	58%	45%	50%
<i>Weber Elementary</i>	87%	76%	65%	54%	50%
<i>Lawrence Elementary</i>	69%	56%	56%	52%	51%
<i>Rose Stein International Elementary</i>	51%	52%	54%	47%	52%
<i>Colorow Elementary</i>	57%	57%	57%	55%	52%
<i>Campbell Elementary</i>	76%	66%	62%	48%	53%
<i>Little Elementary</i>	71%	63%	66%	59%	54%
<i>Sheridan Green Elementary</i>	86%	70%	64%	59%	54%
<i>Ralston Elementary</i>	70%	62%	60%	58%	55%
<i>Semper Elementary</i>	73%	63%	59%	56%	55%

Low Utilization 65% or Below					
Elementary Schools	2017-18	2018-19	2019-20	2020-21	2021-22
<i>Peiffer Elementary</i>	80%	61%	61%	55%	55%
<i>Deane Elementary</i>	74%	71%	75%	67%	55%
<i>Hutchinson Elementary</i>	64%	46%	52%	52%	55%
<i>Slater Elementary</i>	81%	80%	65%	57%	56%
<i>Normandy Elementary</i>	86%	77%	67%	59%	56%
<i>Witt Elementary</i>	77%	66%	66%	59%	57%
<i>Dutch Creek Elementary</i>	66%	65%	59%	56%	57%
<i>Adams Elementary</i>	79%	68%	67%	59%	58%
<i>Meiklejohn Elementary</i>	80%	66%	64%	61%	58%
<i>Patterson Elementary</i>	72%	71%	72%	65%	58%
<i>Mortensen Elementary</i>	74%	70%	69%	66%	59%
<i>Lumberg Elementary</i>	89%	82%	75%	63%	59%
<i>Secrest Elementary</i>	84%	72%	70%	55%	60%
<i>Wilmot Elementary</i>	83%	75%	73%	65%	60%
<i>Wilmore-Davis Elementary</i>	80%	63%	64%	63%	60%
<i>South Lakewood Elementary</i>	94%	92%	75%	72%	61%
<i>Welchester Elementary</i>	80%	72%	77%	65%	62%
<i>Ryan Elementary</i>	83%	69%	68%	65%	63%
<i>Columbine Hills Elementary</i>	84%	82%	66%	63%	64%
<i>Sierra Elementary</i>	79%	66%	68%	66%	64%

Title I School



METHODOLOGY FOR PROJECTIONS

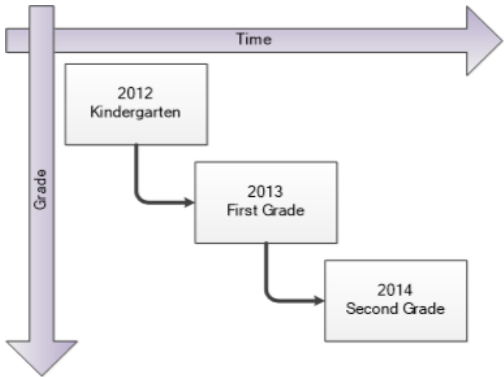
Cohort Survival (Grade Progression)

This industry standard methodology uses historic live birth data and historic student memberships to progress students throughout school grades.

A “grade progression ratio” is developed to track how this group of students grew or shrunk in number as they moved through grade levels.

By developing grade progression ratios for each grade transition over a 10-year period of time, patterns emerge and can be folded into projections by using the grade progression ratios as a multiplier.

	Pre-K	K	1	2	3	4	5
2018	21	41	45	44	55	39	43
2019	26	45	41	48	41	46	40
2020	20	37	41	38	47	40	42
2021	27	46	35	35	37	42	39
2022	22	49	43	34	34	36	42
2023	30	38	45	42	33	33	36
2024	24	53	35	44	41	32	33

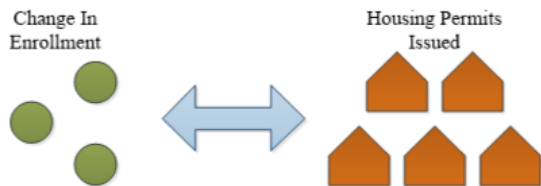


METHODOLOGY FOR PROJECTIONS

Regression-Based Forecasting

Short-term, local changes that can affect projections

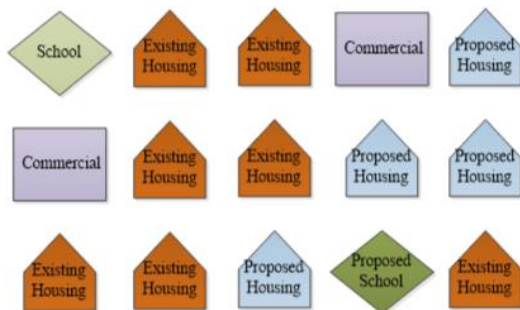
- Housing Method



- U.S. & Local Census Data



- Land Saturation Method



- Migration/Change in Household Composition (GIS)



Jefferson County Live Birth Rates (2006 – 2020)

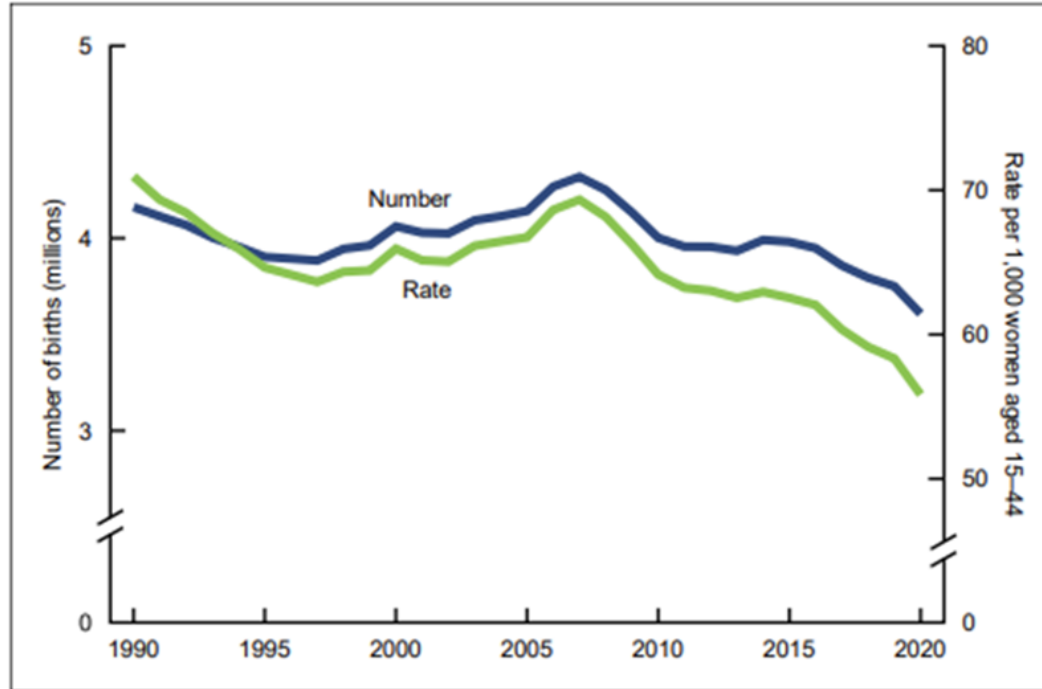
Live Birth Counts in Jefferson County - by Articulation Area

Articulation Area	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Alameda	531	568	523	540	535	525	499	514	502	439	407	396	406	391	400
Arvada	624	621	612	580	555	589	599	613	633	582	588	639	573	562	551
Arvada West	388	405	418	339	358	314	344	342	369	360	355	367	362	396	344
Bear Creek	522	520	491	501	450	442	441	458	453	538	518	492	517	482	497
Chatfield	430	449	385	376	368	317	329	380	341	376	384	355	303	304	276
Columbine	247	250	270	241	250	235	256	254	257	249	259	255	247	225	239
Conifer	132	154	127	119	110	112	107	105	124	120	141	142	118	131	142
Dakota Ridge	347	309	340	308	283	288	269	280	288	275	249	249	264	245	228
Evergreen	159	163	149	134	110	130	104	108	131	116	111	115	107	126	120
Golden	421	414	404	368	387	395	370	384	391	363	378	380	349	387	322
Green Mountain	276	264	252	221	255	230	265	315	295	327	330	308	265	302	264
Jefferson	373	362	377	340	316	288	276	300	292	269	275	271	248	260	243
Lakewood	384	374	397	390	378	359	376	354	346	344	372	341	330	343	385
Pomona	241	253	234	267	245	241	256	252	257	258	267	255	250	228	245
Ralston Valley	234	203	212	198	184	181	170	176	187	237	285	303	331	340	337
Standley Lake	499	542	467	468	468	429	487	525	490	482	510	472	480	485	434
Wheat Ridge	429	419	398	428	381	436	447	396	446	428	503	487	463	467	437
Grand Total	6,237	6,270	6,056	5,818	5,633	5,511	5,595	5,756	5,802	5,763	5,932	5,827	5,613	5,674	5,464

Source: Heath Statistics Section of the Colorado Department of Public Health and Environment

United States Birth Rates (1990 – 2020)

Figure 1. Number of live births and general fertility rates: United States, final 1990–2019 and provisional 2020



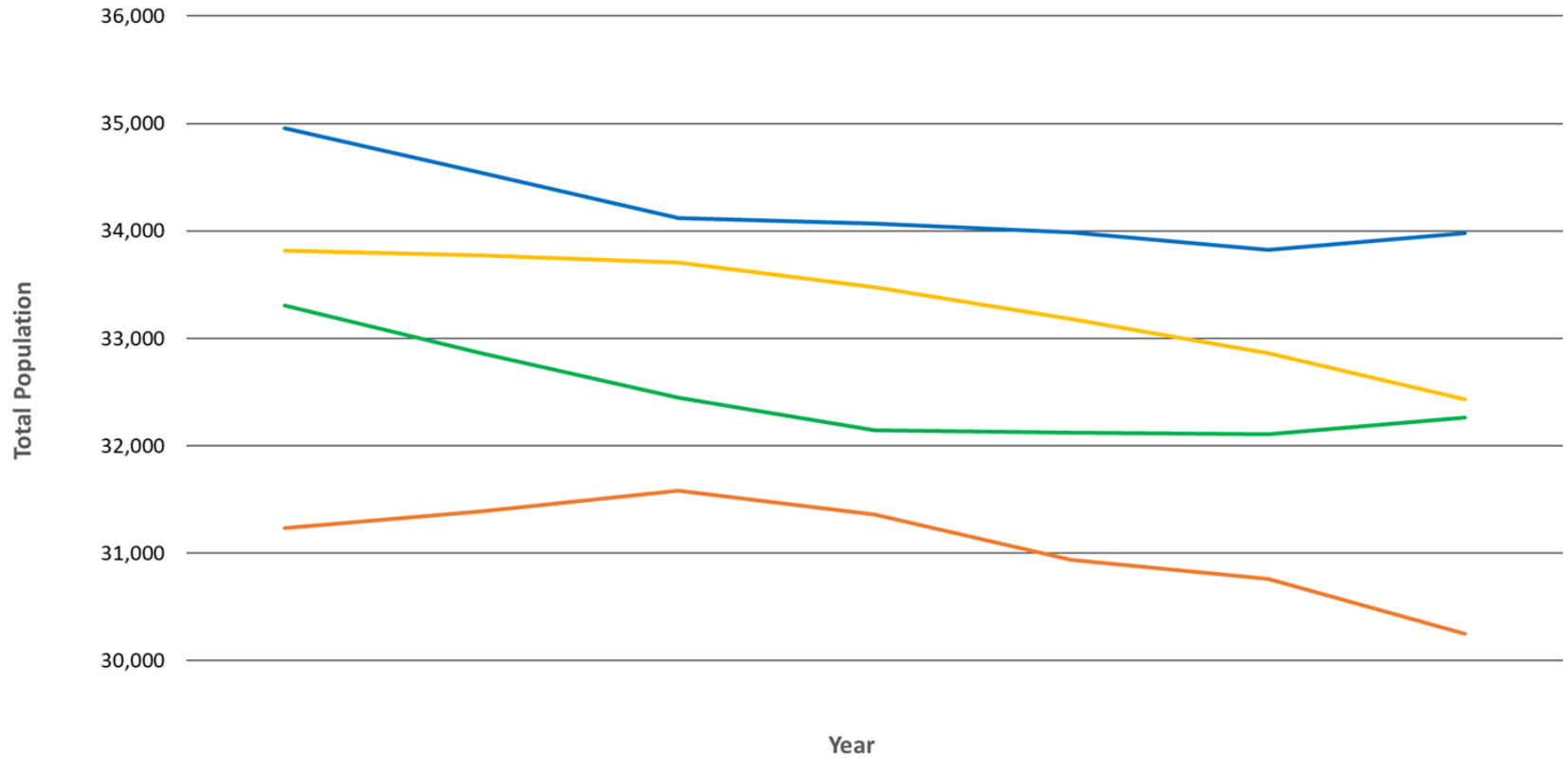
SOURCE: National Center for Health Statistics, National Vital Statistics System, Natality.

- The provisional number of births for the United States in 2020 was 3,605,201, **down 4%** from 2019.
- This is the sixth consecutive year that the number of births has declined after an increase in 2014, down an average of 2% per year, and the **lowest number of births since 1979**.

Jefferson County Projected Population (Under 20 years old)

Jefferson County Predicted Population by Age Group

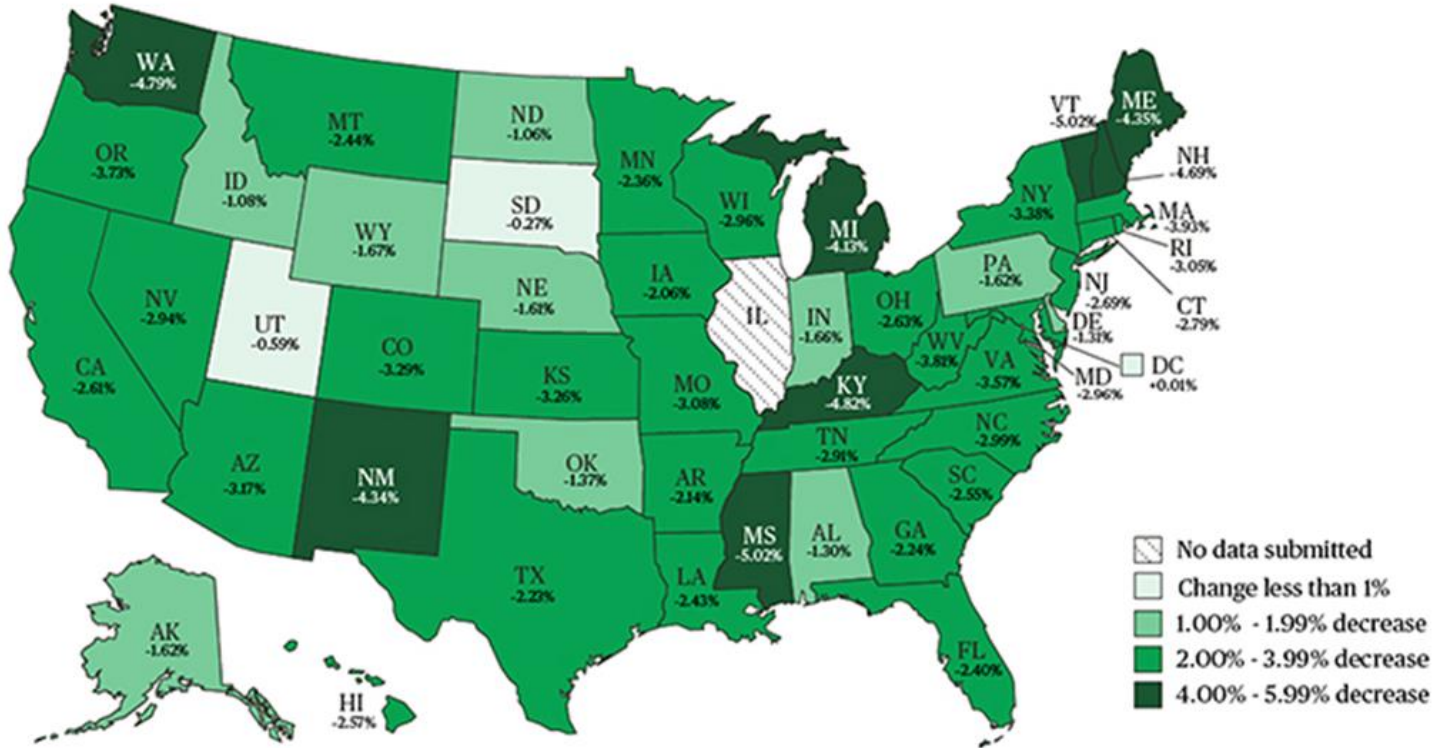
(Data provided by Colorado Department of Local Affairs)



	2021	2022	2023	2024	2025	2026	2027
0 to 5 Total Population	34,957	34,539	34,117	34,072	33,990	33,826	33,981
6 to 10 Total Population	31,235	31,394	31,585	31,362	30,941	30,764	30,249
11 to 15 Total Population	33,307	32,864	32,448	32,146	32,121	32,108	32,267
16 to 20 Total Population	33,820	33,771	33,708	33,479	33,181	32,862	32,431

National Enrollment Trends

Figure 1. Percent Change SY 2019-20 to SY 2020-21 in State by State Membership



(Data provided by the National Center for Education and Statistics)

Key Metrics Analysis

Actual vs. Projected Membership

