

# Cave Creek Unified School District

Demographic, Development, and Enrollment Trends

Facility Usage Committee Presentation

May 16, 2024

Presented by:



APPLIED ECONOMICS

# Study Scope

## Enrollment Trends

- Total and grade level characteristics
- Geographic distribution
- Alternative providers

## Demographic Characteristics

- Population characteristics
- Household type and age structure
- Housing supply and occupancy rates

## Residential Development Impacts

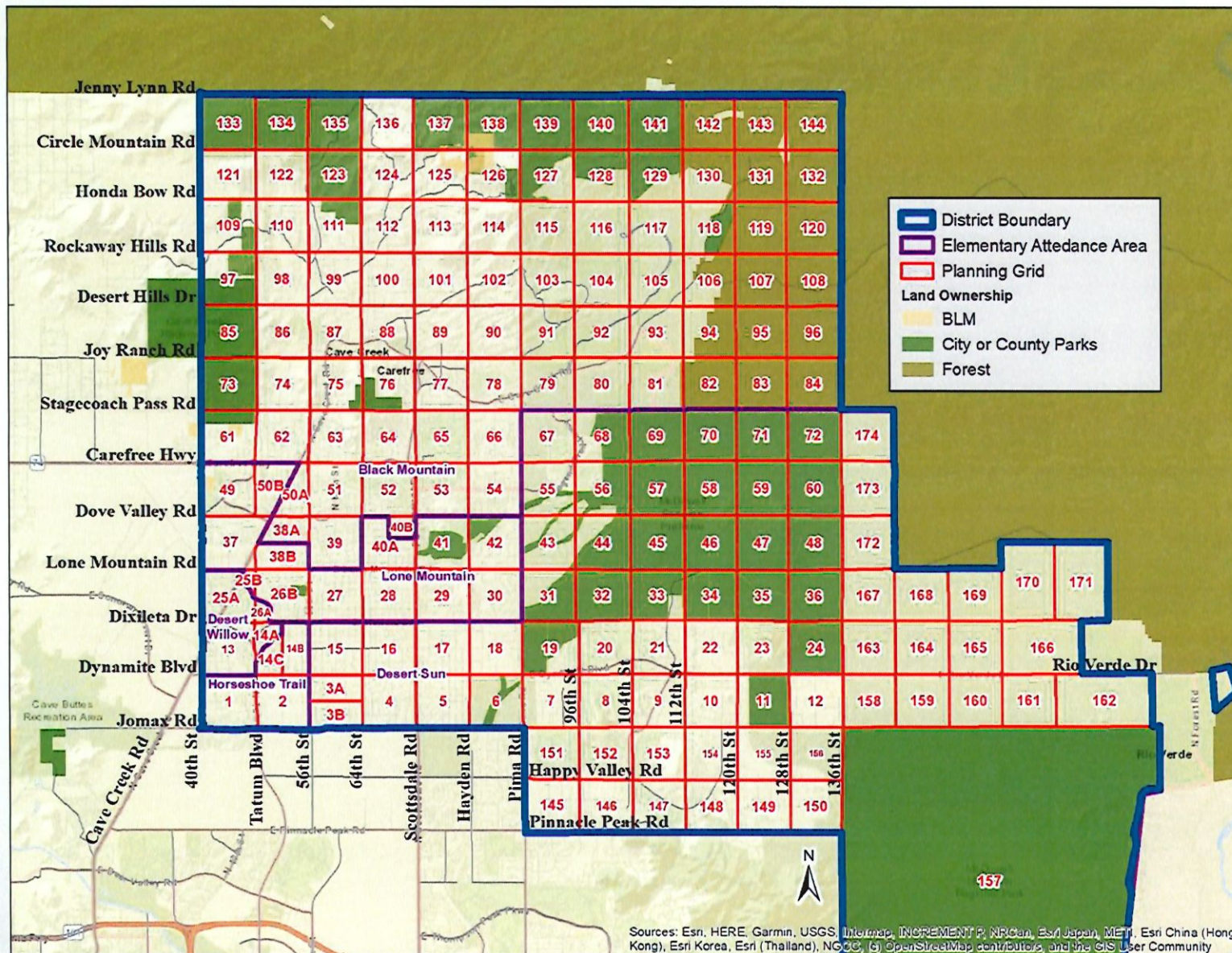
- Current development activity
- Housing market conditions
- Future development potential

## Enrollment Projections

- District
- Sub-district

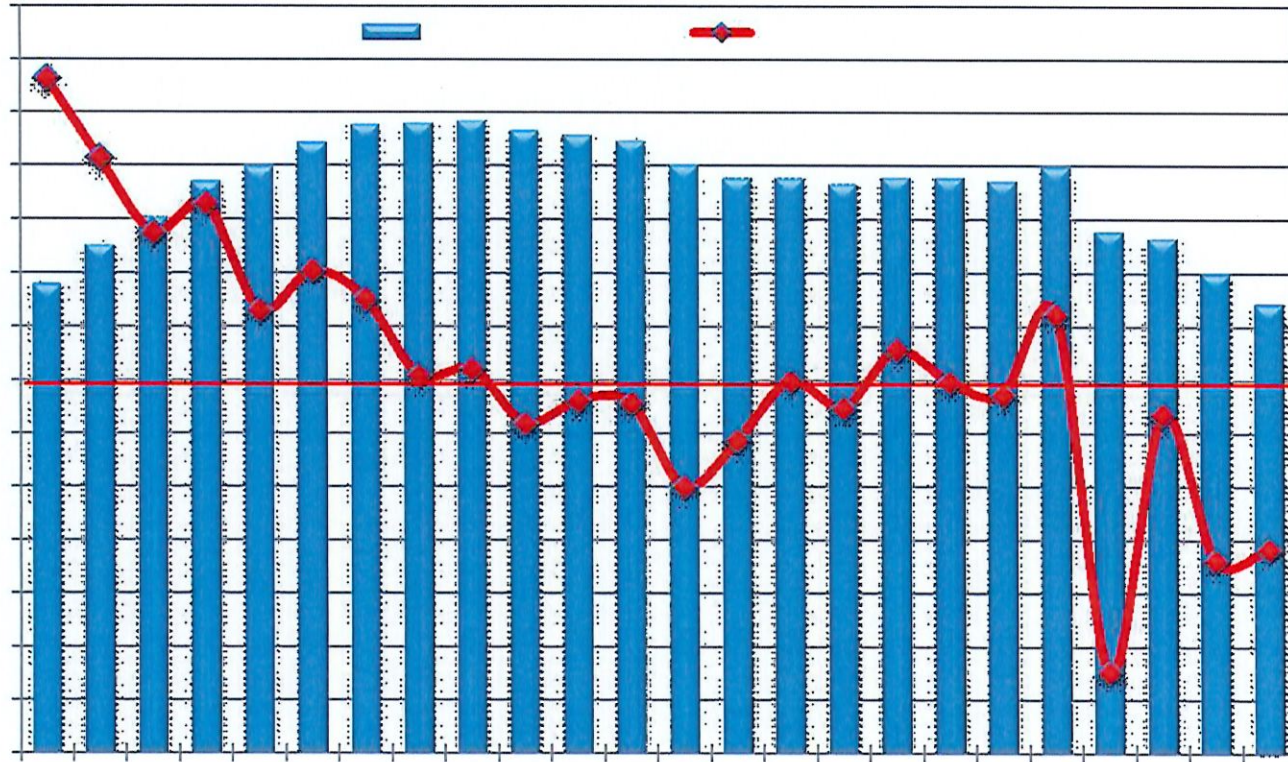


# District Planning Geography





# District Headcount Enrollment



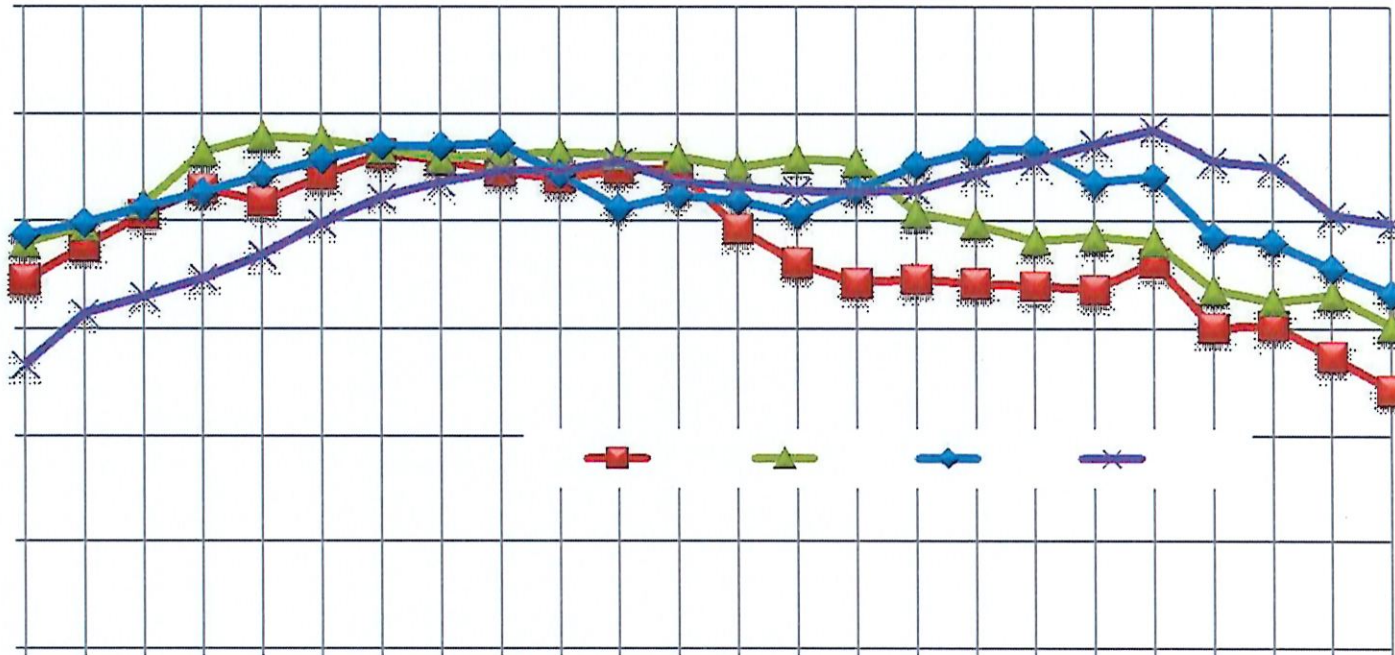
Enrollment declined in 9 of the 10 years between 2008/09 and 2018/19 due to choice, falling by a total of 570 students even as more than 3,700 new housing units were added to inventory.

Enrollment increased in 2019/20, driven by a 200-student drop in area charter school enrollment, before plummeting by 600 students (10.9%) in 2020/21 due to COVID, and has not recovered from that impact, similarly to other districts in affluent areas.



# 40<sup>th</sup> Day Enrollment Cohorts

## Average Enrollment per Grade



K-2<sup>nd</sup> grade enrollment had remained nearly unchanged for several years prior to COVID, but has dropped dramatically since then primarily due to education choice.

The declines since COVID have been more widespread across the grades than in most districts, reflective of District resident's desire and ability to actively seek all available alternatives, with the last two years being impacted by the sharp rise in ESAs used by District residents.



# Alternative Providers

| School Name                        | Address                    | City       | Zip   | Grades | Total<br>K-12 |
|------------------------------------|----------------------------|------------|-------|--------|---------------|
| <b>In-District Charter Schools</b> |                            |            |       |        |               |
| Candeo North Scottsdale            | 7191 E. Ashler Hills Drive | Scottsdale | 85266 | K-8th  | 144           |
| <b>Area Charter Schools *</b>      |                            |            |       |        |               |
| Stepping Stones Academy            | 35812 N. 7th Street        | Phoenix    | 85086 | K-8th  | 219           |
| <b>Grand Total</b>                 |                            |            |       |        | <b>363</b>    |

Source: Arizona Department of Education; Applied Economics 2023.

\* Located within approximately one mile of the District's boundaries.

There is currently only one charter school operating in the District with another popular one fairly nearby.

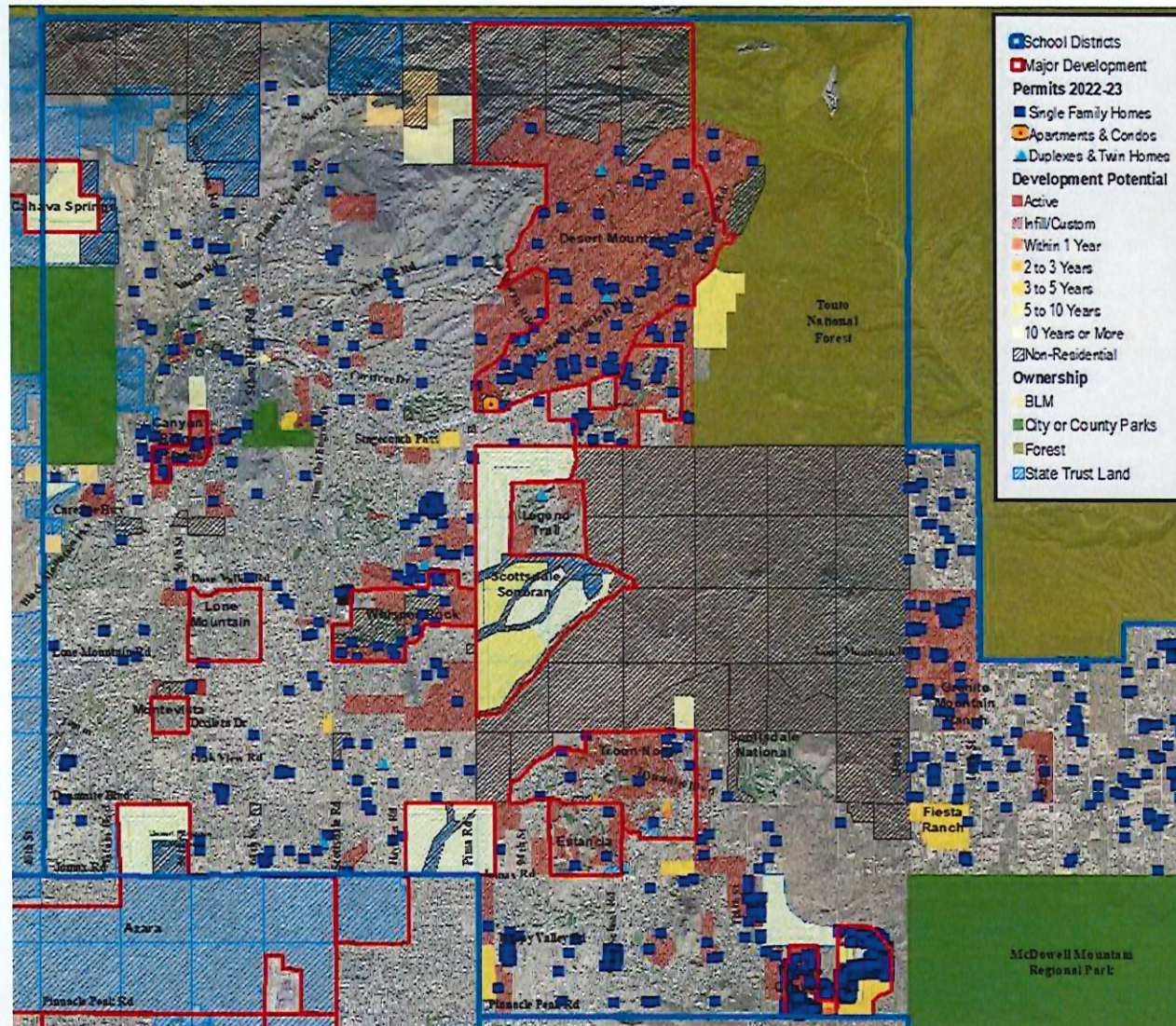
| School Year | Number<br>of Schools | KG | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | Total<br>K-12 | Annual<br>Change |
|-------------|----------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|---------------|------------------|
| 2008-09     | 2                    | 19 | 20  | 20  | 20  | 9   | 13  | 51  | 50  | 61  | 24  | 39   | 21   | 20   | 367           |                  |
| 2009-10     | 3                    | 41 | 48  | 41  | 30  | 56  | 37  | 82  | 71  | 72  | 41  | 18   | 30   | 17   | 584           | 217              |
| 2010-11     | 3                    | 42 | 56  | 52  | 58  | 48  | 65  | 62  | 98  | 55  | 35  | 43   | 19   | 26   | 659           | 75               |
| 2011-12     | 3                    | 31 | 52  | 60  | 55  | 56  | 65  | 67  | 91  | 97  | 31  | 35   | 42   | 12   | 694           | 35               |
| 2012-13     | 3                    | 53 | 48  | 61  | 63  | 58  | 67  | 65  | 92  | 94  | 42  | 16   | 33   | 35   | 727           | 33               |
| 2013-14     | 3                    | 57 | 62  | 48  | 64  | 67  | 60  | 66  | 83  | 97  | 47  | 35   | 11   | 27   | 724           | (3)              |
| 2014-15     | 3                    | 55 | 62  | 65  | 51  | 57  | 56  | 61  | 67  | 73  | 36  | 37   | 26   | 12   | 658           | (66)             |
| 2015-16     | 5                    | 59 | 64  | 55  | 58  | 47  | 41  | 60  | 58  | 59  | 31  | 34   | 30   | 54   | 650           | (8)              |
| 2016-17     | 5                    | 56 | 48  | 50  | 52  | 54  | 62  | 55  | 62  | 53  | 22  | 29   | 38   | 34   | 615           | (35)             |
| 2017-18     | 5                    | 49 | 55  | 53  | 47  | 57  | 52  | 55  | 60  | 57  | 22  | 27   | 28   | 38   | 600           | (15)             |
| 2018-19     | 3                    | 42 | 39  | 46  | 38  | 40  | 52  | 38  | 63  | 53  | 35  | 30   | 34   | 33   | 543           | (57)             |
| 2019-20     | 2                    | 29 | 34  | 44  | 36  | 30  | 37  | 39  | 32  | 31  |     |      |      |      | 312           | (231)            |
| 2020-21     | 2                    | 58 | 49  | 60  | 71  | 43  | 38  | 37  | 25  | 17  |     |      |      |      | 398           | 86               |
| 2021-22     | 2                    | 52 | 56  | 59  | 67  | 70  | 60  | 60  | 61  | 37  |     |      |      |      | 522           | 124              |
| 2022-23     | 2                    | 67 | 60  | 69  | 64  | 74  | 71  | 66  | 50  | 43  |     |      |      |      | 564           | 42               |
| 2023-24     | 2                    | 39 | 41  | 39  | 39  | 43  | 46  | 45  | 35  | 36  |     |      |      |      | 363           | (201)            |

Source: Arizona Department of Education; Applied Economics 2023.

The rise and fall of charter school enrollment in the District is likely driven by the low size and growth of the school-age population group to be able to attract larger charter operators, and the rise in ESAs.



# Residential Development



Nearly 6,000 housing units have been added over the last ten years, with production levels up the past three years.

The current land survey reveals a total, long-term potential for about 14,000 additional housing units in the District, nearly 80% of which would be scattered around the District or located on State land not anticipated to begin development within 5 years. The immediate supply of 3,000 units is heavily concentrated in low density single family.



# Demographic Projections

| Year              | Population | Total Units | New Units<br>(Prior Period) | Occupancy<br>Rate | Vacant<br>Units | Households<br>Total | Change | Pop/HH |
|-------------------|------------|-------------|-----------------------------|-------------------|-----------------|---------------------|--------|--------|
| 2000/01           | 38,143     | 19,031      |                             | 82.1%             | 3,400           | 15,631              |        | 2.440  |
| 2010/11           | 55,933     | 29,382      | 101                         | 79.1%             | 6,140           | 23,242              | -417   | 2.407  |
| 2011/12           | 56,107     | 29,489      | 107                         | 79.4%             | 6,081           | 23,408              | 166    | 2.397  |
| 2012/13           | 56,493     | 29,699      | 210                         | 79.7%             | 6,042           | 23,657              | 249    | 2.388  |
| 2013/14           | 57,269     | 30,111      | 412                         | 79.9%             | 6,043           | 24,068              | 412    | 2.379  |
| 2014/15           | 58,204     | 30,630      | 519                         | 80.2%             | 6,062           | 24,568              | 500    | 2.369  |
| 2015/16           | 59,049     | 31,077      | 447                         | 80.5%             | 6,063           | 25,014              | 445    | 2.361  |
| 2016/17           | 59,979     | 31,566      | 489                         | 80.8%             | 6,070           | 25,496              | 482    | 2.353  |
| 2017/18           | 60,853     | 32,027      | 461                         | 81.1%             | 6,069           | 25,958              | 462    | 2.344  |
| 2018/19           | 61,807     | 32,528      | 501                         | 81.3%             | 6,072           | 26,456              | 498    | 2.336  |
| 2019/20           | 62,760     | 33,027      | 499                         | 81.6%             | 6,071           | 26,956              | 499    | 2.328  |
| 2020/21           | 64,427     | 33,511      | 484                         | 81.9%             | 6,065           | 27,446              | 490    | 2.347  |
| 2021/22           | 65,871     | 34,260      | 749                         | 82.1%             | 6,133           | 28,127              | 681    | 2.342  |
| 2022/23           | 67,410     | 35,129      | 869                         | 82.2%             | 6,253           | 28,876              | 749    | 2.334  |
| 2023/24           | 68,275     | 35,753      | 624                         | 82.0%             | 6,436           | 29,317              | 441    | 2.329  |
| 2024/25           | 68,871     | 36,239      | 486                         | 81.8%             | 6,595           | 29,644              | 326    | 2.323  |
| 2025/26           | 69,814     | 36,756      | 517                         | 82.0%             | 6,616           | 30,140              | 496    | 2.316  |
| 2026/27           | 70,191     | 37,093      | 337                         | 81.9%             | 6,707           | 30,386              | 246    | 2.310  |
| 2027/28           | 70,608     | 37,451      | 358                         | 81.8%             | 6,803           | 30,648              | 263    | 2.304  |
| 2028/29           | 71,028     | 37,810      | 359                         | 81.8%             | 6,899           | 30,911              | 263    | 2.298  |
| 2029/30           | 71,594     | 38,241      | 431                         | 81.7%             | 7,009           | 31,232              | 321    | 2.292  |
| 2030/31           | 72,238     | 38,715      | 474                         | 81.6%             | 7,127           | 31,588              | 356    | 2.287  |
| 2031/32           | 72,873     | 39,186      | 471                         | 81.5%             | 7,246           | 31,940              | 352    | 2.282  |
| 2032/33           | 73,449     | 39,625      | 439                         | 81.4%             | 7,359           | 32,266              | 326    | 2.276  |
| 2033/34           | 73,995     | 40,048      | 423                         | 81.3%             | 7,470           | 32,578              | 312    | 2.271  |
| 2024/25 - 2033/34 |            |             | 4,295                       |                   |                 |                     | 3,260  |        |

Source: Applied Economics, 2024.

Bolding indicates historical data.

About 4,300 housing units and 3,300 households expected to be added over the next 10 years.

Total population likely to increase by over 5,000 people during the next ten years.



# School Age Pop. & Enrollment

| Year    | Households | School-age Population * |               | Total Enrollment |        | Net Enrollment - | Out-of-District | In-District | Difference | Service Rate |
|---------|------------|-------------------------|---------------|------------------|--------|------------------|-----------------|-------------|------------|--------------|
|         |            | Total                   | per Household | Total            | Change | Population Ratio | Enrollment      | Enrollment  |            |              |
| 2000/01 | 16,162     | 5,447                   | 0.337         | 4,398            |        | 80.7%            | 87              | 4,311       | 1,136      | 79.1%        |
| 2010/11 | 23,242     | 8,444                   | 0.363         | 5,790            | -44    | 68.6%            | 391             | 5,399       | 3,045      | 63.9%        |
| 2011/12 | 23,408     | 8,232                   | 0.352         | 5,741            | -49    | 69.7%            | 463             | 5,278       | 2,954      | 64.1%        |
| 2012/13 | 23,657     | 8,055                   | 0.340         | 5,512            | -229   | 68.4%            | 448             | 5,064       | 2,991      | 62.9%        |
| 2013/14 | 24,068     | 7,936                   | 0.330         | 5,388            | -124   | 67.9%            | 479             | 4,909       | 3,027      | 61.9%        |
| 2014/15 | 24,568     | 7,846                   | 0.319         | 5,387            | -1     | 68.7%            | 554             | 4,833       | 3,013      | 61.6%        |
| 2015/16 | 25,014     | 7,740                   | 0.309         | 5,331            | -56    | 68.9%            | 574             | 4,757       | 2,983      | 61.5%        |
| 2016/17 | 25,496     | 7,645                   | 0.300         | 5,393            | 62     | 70.5%            | 644             | 4,749       | 2,896      | 62.1%        |
| 2017/18 | 25,958     | 7,544                   | 0.291         | 5,390            | -3     | 71.4%            | 688             | 4,702       | 2,842      | 62.3%        |
| 2018/19 | 26,456     | 7,454                   | 0.282         | 5,361            | -29    | 71.9%            | 754             | 4,607       | 2,847      | 61.8%        |
| 2019/20 | 26,956     | 7,365                   | 0.273         | 5,493            | 132    | 74.6%            | 729             | 4,764       | 2,601      | 64.7%        |
| 2020/21 | 27,446     | 7,273                   | 0.265         | 4,892            | -601   | 67.3%            | 670             | 4,222       | 3,051      | 58.0%        |
| 2021/22 | 28,127     | 7,231                   | 0.257         | 4,830            | -62    | 66.8%            | 671             | 4,159       | 3,072      | 57.5%        |
| 2022/23 | 28,876     | 7,182                   | 0.249         | 4,504            | -326   | 62.7%            | 654             | 3,850       | 3,332      | 53.6%        |
| 2023/24 | 29,317     | 7,096                   | 0.242         | 4,220            | -284   | 59.5%            | 594             | 3,626       | 3,470      | 51.1%        |

Source: Applied Economics, 2024.

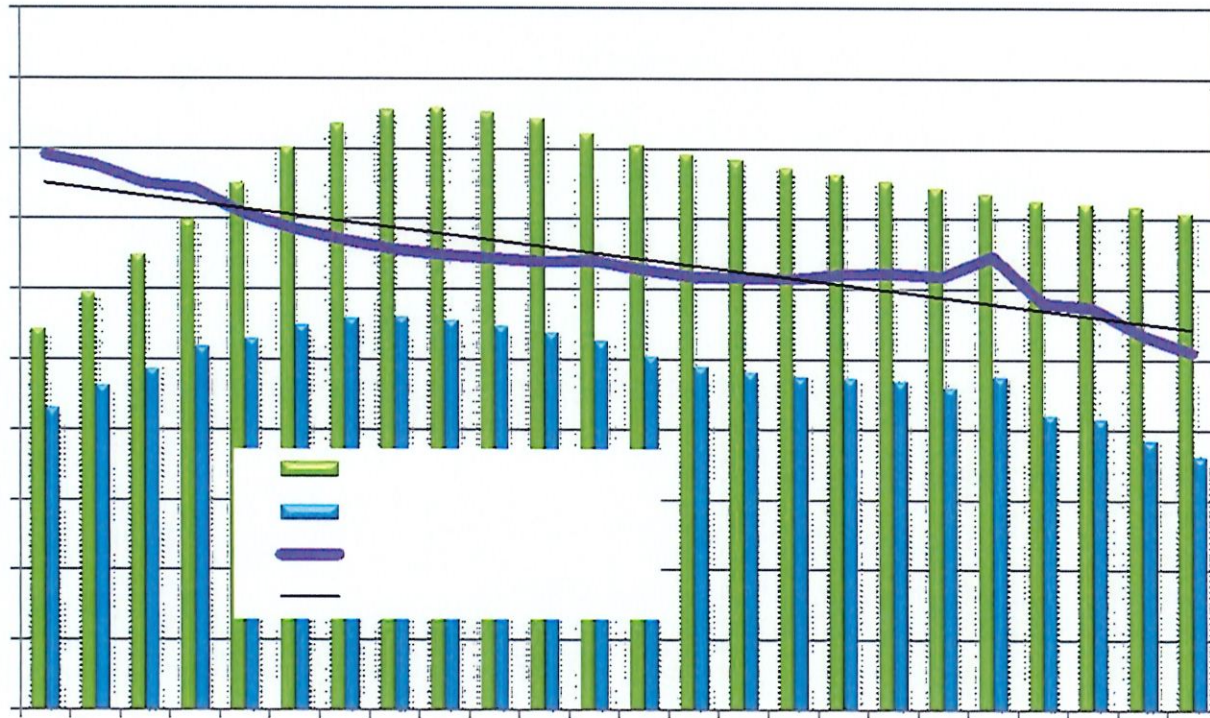
\* Population ages 5 to 17

The total Enrollment-Population (E-P) Ratio has been declining over the past two decades, falling from about 80% to 60%, or about 1% per year.

The Service Rate, the share of district school-age persons attending a District school, has fallen to just over 50%.



# Student Service Rate



The service rate of the District declined steadily between 2000/01 and 2010/11, stabilized through 2019/20, but then fell sharply again since due to COVID and increasing education choice.



# K-12 Enrollment Projections

|         | Enrollment by Level |     |       | K-12<br>Enrollment | Change | Percent<br>Change | Enrollment by Level |        |        |
|---------|---------------------|-----|-------|--------------------|--------|-------------------|---------------------|--------|--------|
|         | K-6*                | 7-8 | 9-12  |                    |        |                   | K-6*                | 7-8    | 9-12   |
| 2000/01 | 2,572               | 761 | 1,065 | 4,398              | 446    | 11.92%            | 58.48%              | 17.30% | 24.22% |
| 2010/11 | 3,151               | 815 | 1,824 | 5,790              | -44    | -0.51%            | 54.42%              | 14.08% | 31.50% |
| 2011/12 | 3,190               | 806 | 1,745 | 5,741              | -49    | -0.85%            | 55.57%              | 14.04% | 30.40% |
| 2012/13 | 2,988               | 796 | 1,728 | 5,512              | -229   | -3.99%            | 54.21%              | 14.44% | 31.35% |
| 2013/14 | 2,862               | 815 | 1,711 | 5,388              | -124   | -2.25%            | 53.12%              | 15.13% | 31.76% |
| 2014/15 | 2,836               | 842 | 1,709 | 5,387              | -1     | -0.02%            | 52.65%              | 15.63% | 31.72% |
| 2015/16 | 2,748               | 868 | 1,715 | 5,331              | -56    | -1.04%            | 51.55%              | 16.28% | 32.17% |
| 2016/17 | 2,641               | 974 | 1,778 | 5,393              | 62     | 1.16%             | 48.97%              | 18.06% | 32.97% |
| 2017/18 | 2,628               | 938 | 1,824 | 5,390              | -3     | -0.06%            | 48.76%              | 17.40% | 33.84% |
| 2018/19 | 2,573               | 899 | 1,889 | 5,361              | -29    | -0.54%            | 47.99%              | 16.77% | 35.24% |
| 2019/20 | 2,624               | 925 | 1,944 | 5,493              | 132    | 2.46%             | 47.77%              | 16.84% | 35.39% |
| 2020/21 | 2,304               | 762 | 1,826 | 4,892              | -601   | -10.94%           | 47.10%              | 15.58% | 37.33% |
| 2021/22 | 2,238               | 787 | 1,805 | 4,830              | -62    | -1.27%            | 46.34%              | 16.29% | 37.37% |
| 2022/23 | 2,114               | 769 | 1,621 | 4,504              | -326   | -6.75%            | 46.94%              | 17.07% | 35.99% |
| 2023/24 | 1,988               | 642 | 1,590 | 4,220              | -284   | -6.31%            | 47.11%              | 15.21% | 37.68% |
| 2024/25 | 1,880               | 666 | 1,527 | 4,073              | -147   | -3.48%            | 46.15%              | 16.36% | 37.49% |
| 2025/26 | 1,866               | 695 | 1,465 | 4,026              | -47    | -1.16%            | 46.36%              | 17.26% | 36.38% |
| 2026/27 | 1,760               | 717 | 1,476 | 3,953              | -73    | -1.80%            | 44.51%              | 18.14% | 37.35% |
| 2027/28 | 1,711               | 734 | 1,422 | 3,867              | -87    | -2.20%            | 44.24%              | 18.97% | 36.79% |
| 2028/29 | 1,654               | 707 | 1,456 | 3,817              | -50    | -1.28%            | 43.33%              | 18.53% | 38.14% |
| 2029/30 | 1,608               | 701 | 1,485 | 3,794              | -23    | -0.59%            | 42.38%              | 18.47% | 39.14% |
| 2030/31 | 1,639               | 630 | 1,476 | 3,744              | -50    | -1.32%            | 43.77%              | 16.82% | 39.41% |
| 2031/32 | 1,637               | 582 | 1,495 | 3,714              | -30    | -0.80%            | 44.06%              | 15.67% | 40.26% |
| 2032/33 | 1,600               | 570 | 1,443 | 3,613              | -101   | -2.73%            | 44.30%              | 15.76% | 39.94% |
| 2033/34 | 1,564               | 557 | 1,443 | 3,564              | -49    | -1.36%            | 43.89%              | 15.62% | 40.48% |

Source: Applied Economics, 2024.

\* Includes kindergarten enrollment as full students.

**Bolding indicates historical data.**



# Enrollment by Attendance Area

|                     | Actuals |         |         |         |         |         |         |         | Projections |         |         |         |         |            |         | 2008/09- | 2013/14- | 2018/19- | 2023/24- | 2028/29- |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|---------|---------|---------|---------|------------|---------|----------|----------|----------|----------|----------|
|                     | 2008/09 | 2013/14 | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | 2023/24 | 2024/25     | 2025/26 | 2026/27 | 2027/28 | 2028/29 | ...2033/34 | 2013/14 | 2018/19  | 2023/24  | 2028/29  | 2033/34  |          |
| Elementary (K-6)    |         |         |         |         |         |         |         |         |             |         |         |         |         |            |         |          |          |          |          |          |
| Black Mountain      | 661     | 513     | 515     | 512     | 442     | 465     | 425     | 396     | 368         | 347     | 325     | 307     | 292     | 258        | -148    | 2        | -119     | -104     | -34      |          |
| Desert Willow       | 545     | 497     | 440     | 450     | 368     | 368     | 334     | 305     | 277         | 284     | 262     | 258     | 248     | 201        | -48     | -57      | -135     | -57      | -47      |          |
| Desert Sun Academy  | 552     | 464     | 353     | 369     | 368     | 360     | 343     | 327     | 328         | 344     | 337     | 352     | 346     | 438        | -88     | -111     | -26      | 19       | 92       |          |
| Lone Mountain       | 736     | 731     | 588     | 594     | 493     | 429     | 428     | 423     | 382         | 376     | 350     | 324     | 302     | 242        | -5      | -143     | -165     | -121     | -60      |          |
| Horseshoe Trails    | 481     | 339     | 251     | 279     | 254     | 233     | 228     | 223     | 217         | 213     | 198     | 190     | 175     | 131        | -142    | -88      | -28      | -48      | -44      |          |
| Out of District     | 195     | 318     | 426     | 420     | 379     | 383     | 356     | 314     | 308         | 302     | 287     | 280     | 290     | 294        | 123     | 108      | -112     | -24      | 4        |          |
| Sub Total           | 3,170   | 2,862   | 2,573   | 2,624   | 2,304   | 2,238   | 2,114   | 1,988   | 1,880       | 1,866   | 1,760   | 1,711   | 1,654   | 1,564      | -308    | -289     | -585     | -334     | -90      |          |
| Middle School (7-8) |         |         |         |         |         |         |         |         |             |         |         |         |         |            |         |          |          |          |          |          |
| Sonoran Trails      | 927     | 759     | 795     | 832     | 673     | 705     | 665     | 549     | 569         | 591     | 607     | 621     | 611     | 471        | -168    | 36       | -246     | 62       | -141     |          |
| Out of District     | 45      | 56      | 104     | 93      | 89      | 82      | 104     | 93      | 98          | 104     | 110     | 112     | 96      | 86         | 11      | 48       | -11      | 3        | -10      |          |
| Sub Total           | 972     | 815     | 899     | 925     | 762     | 787     | 769     | 642     | 666         | 695     | 717     | 734     | 707     | 557        | -157    | 84       | -257     | 65       | -151     |          |
| High School (9-12)  |         |         |         |         |         |         |         |         |             |         |         |         |         |            |         |          |          |          |          |          |
| Cactus Shadows      | 1,677   | 1,606   | 1,665   | 1,728   | 1,624   | 1,599   | 1,427   | 1,403   | 1,343       | 1,286   | 1,291   | 1,237   | 1,268   | 1,269      | -71     | 59       | -262     | -135     | 1        |          |
| Out of District     | 111     | 105     | 224     | 216     | 202     | 206     | 194     | 187     | 184         | 179     | 185     | 185     | 187     | 174        | -6      | 119      | -37      | 0        | -14      |          |
| Sub Total           | 1,788   | 1,711   | 1,889   | 1,944   | 1,826   | 1,805   | 1,621   | 1,590   | 1,527       | 1,465   | 1,476   | 1,422   | 1,456   | 1,443      | -77     | 178      | -299     | -134     | -13      |          |
| Total               | 5,930   | 5,388   | 5,361   | 5,493   | 4,892   | 4,830   | 4,504   | 4,220   | 4,073       | 4,026   | 3,953   | 3,867   | 3,817   | 3,564      | -542    | -27      | -1,141   | -403     | -253     |          |

Source: Applied Economics, 2024.



# Enrollment by School

|                     | Actuals * |         |         |         |         |         |         | Projected |         |         |         |         |            | 2013/14- | 2018/19- | 2023/24- | 2028/29- |
|---------------------|-----------|---------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|------------|----------|----------|----------|----------|
|                     | 2013/14   | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | 2023/24 | 2024/25   | 2025/26 | 2026/27 | 2027/28 | 2028/29 | ...2033/34 | 2018/19  | 2023/24  | 2028/29  | 2033/34  |
| Elementary (K-6)    |           |         |         |         |         |         |         |           |         |         |         |         |            |          |          |          |          |
| Black Mountain      | 480       | 510     | 537     | 420     | 525     | 496     | 497     | 476       | 457     | 436     | 419     | 409     | 394        | 30       | -13      | -88      | -16      |
| Desert Willow       | 674       | 604     | 590     | 434     | 492     | 457     | 399     | 369       | 373     | 348     | 340     | 330     | 279        | -70      | -205     | -69      | -51      |
| Desert Sun Academy  | 448       | 339     | 352     | 293     | 333     | 300     | 246     | 248       | 266     | 261     | 277     | 273     | 374        | -109     | -93      | 27       | 101      |
| Lone Mountain       | 596       | 511     | 526     | 360     | 414     | 423     | 429     | 390       | 386     | 362     | 337     | 317     | 266        | -85      | -82      | -112     | -51      |
| Horseshoe Trails    | 664       | 609     | 619     | 503     | 457     | 434     | 416     | 397       | 385     | 353     | 338     | 324     | 252        | -55      | -193     | -92      | -72      |
| Cave Creek AOE      |           |         |         | 294     | 55      | 22      | 18      | 14        | 10      |         |         |         |            | 0        | 18       | -18      | 0        |
| Sub Total           | 2,862     | 2,573   | 2,624   | 2,304   | 2,276   | 2,132   | 2,005   | 1,894     | 1,876   | 1,760   | 1,711   | 1,654   | 1,564      | -289     | -568     | -351     | -90      |
| Middle School (7-8) |           |         |         |         |         |         |         |           |         |         |         |         |            |          |          |          |          |
| Sonoran Trails      | 815       | 899     | 925     | 762     | 776     | 764     | 640     | 664       | 685     | 717     | 734     | 707     | 557        | 84       | -259     | 67       | -151     |
| High School (9-12)  |           |         |         |         |         |         |         |           |         |         |         |         |            |          |          |          |          |
| Cactus Shadows      | 1,711     | 1,889   | 1,944   | 1,826   | 1,778   | 1,608   | 1,575   | 1,515     | 1,465   | 1,476   | 1,422   | 1,456   | 1,443      | 178      | -314     | -119     | -13      |
| Total               | 5,388     | 5,361   | 5,493   | 4,892   | 4,830   | 4,504   | 4,220   | 4,073     | 4,026   | 3,953   | 3,867   | 3,817   | 3,564      | -27      | -1,141   | -403     | -253     |

Source: Applied Economics, 2024.



# Conclusions

**Enrollment will likely continue to decrease slowly over the next 10 years, driven by declines in the school-age population and in service rates.**

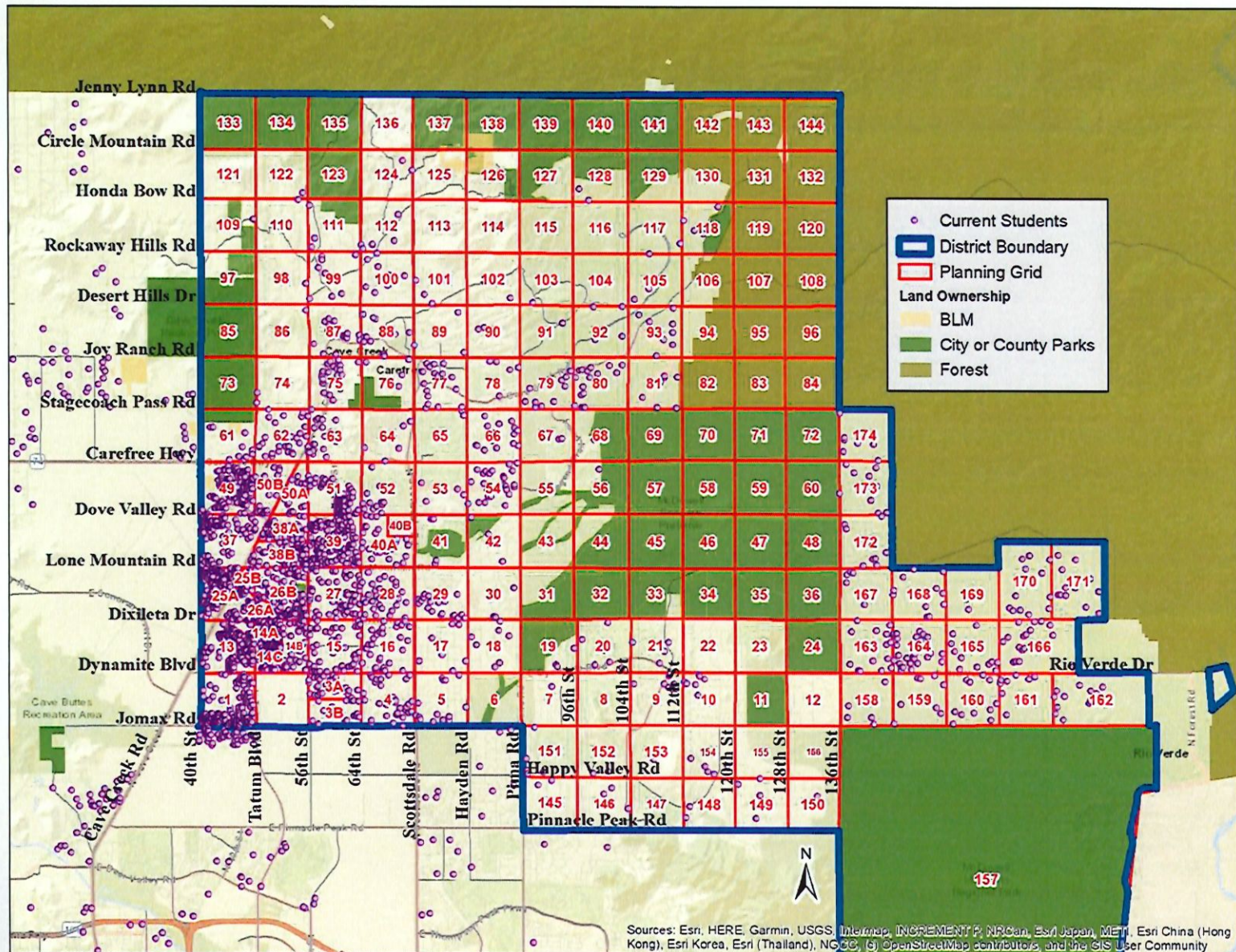
**The progression of lower enrollment levels has moved beyond the elementary cohorts, is now impacting high school enrollment, but at a lesser rate.**

**The amount of residential development potential is small, and the high prices of both new and existing homes precludes the vast majority of families with children.**

**The District may need to consider facility changes to keep enrollment in the elementary schools at the level needed to provide the desired educational programs.**

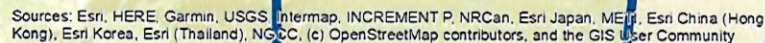


# Enrolled Students



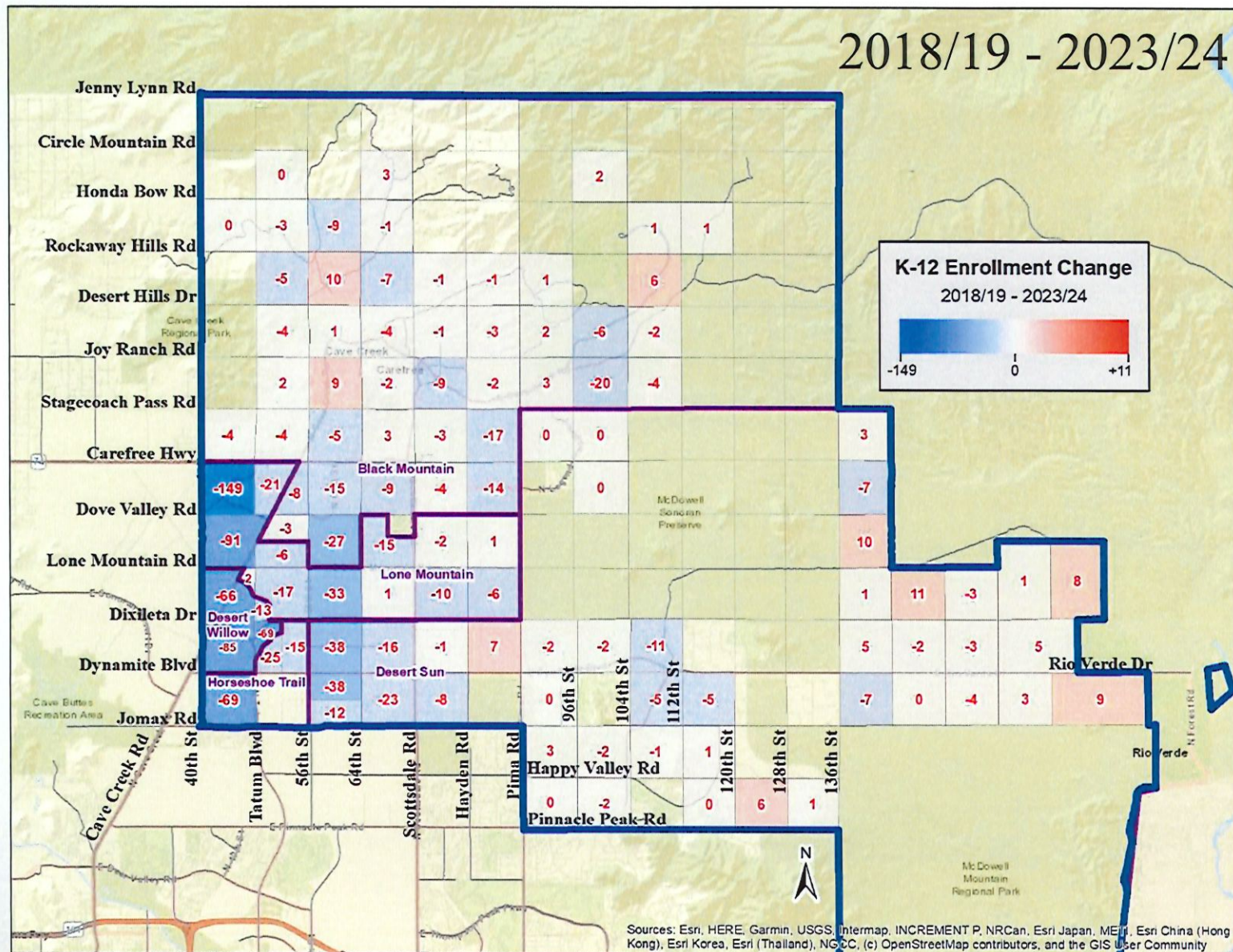


**[ 16 ]**



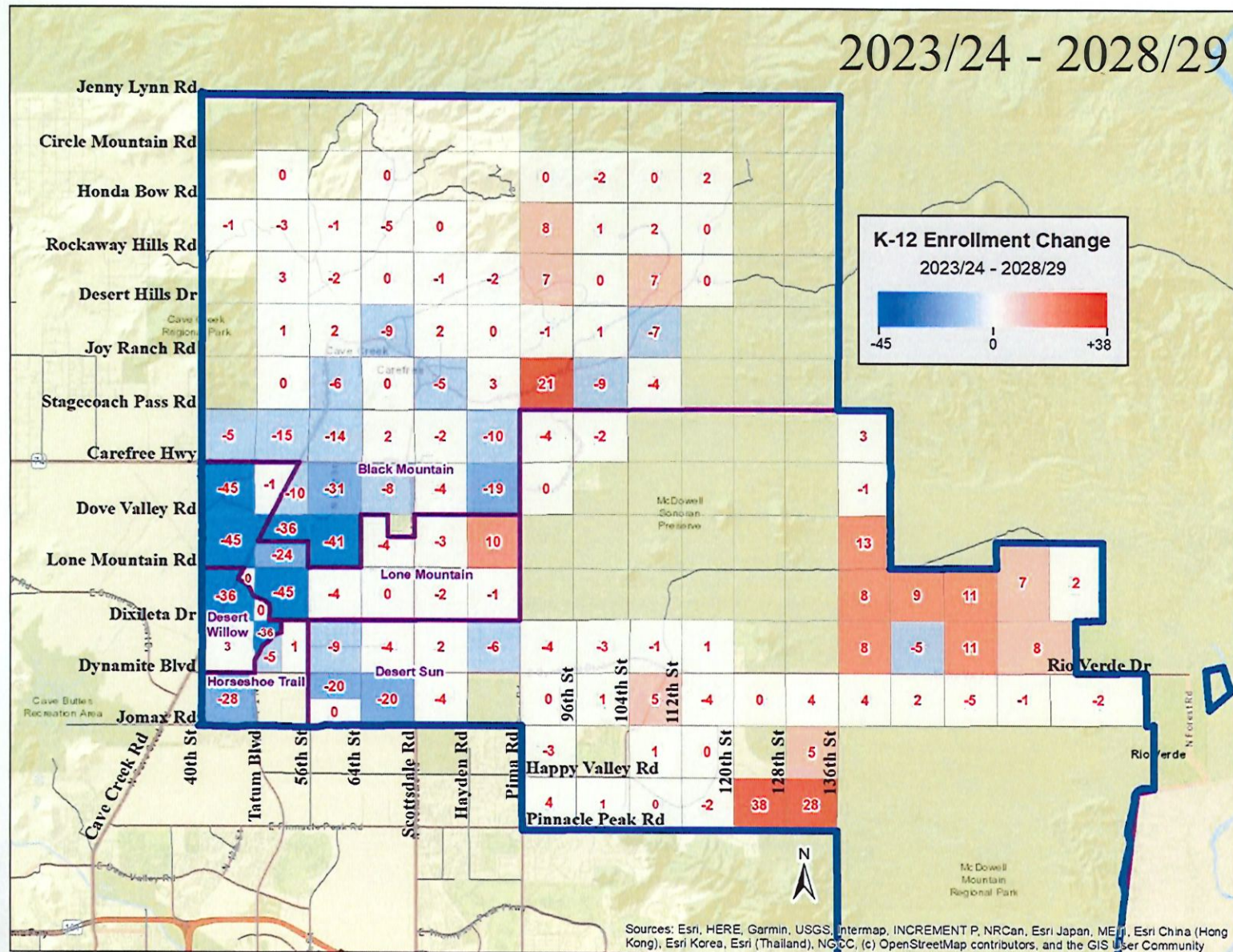


# Enrollment by Planning Grid





# Enrollment by Planning Grid





# Impact of Open Enrollment

| School of<br>Attendance |   | Attendance Area of Residence |     |     |     |     |         | Total<br>Attend | Total<br>Reside | Difference |
|-------------------------|---|------------------------------|-----|-----|-----|-----|---------|-----------------|-----------------|------------|
|                         |   | 1                            | 2   | 3   | 4   | 5   | Outside |                 |                 |            |
| Black Mountain          | 1 | 294                          | 21  | 19  | 72  | 20  | 71      | 497             | 396             | 101        |
| Desert Willow           | 2 | 23                           | 193 | 22  | 48  | 29  | 84      | 399             | 305             | 94         |
| Desert Sun Academy      | 3 | 6                            | 5   | 185 | 16  | 9   | 25      | 246             | 327             | -81        |
| Lone Mountain           | 4 | 49                           | 40  | 29  | 246 | 26  | 39      | 429             | 423             | 6          |
| Horseshoe Trails        | 5 | 24                           | 45  | 72  | 41  | 139 | 95      | 416             | 223             | 193        |
| Cave Creek AOE          |   |                              | 1   |     |     |     |         | 1               | 0               | 1          |
| Total Reside            |   | 396                          | 305 | 327 | 423 | 223 | 314     | 1,988           | 1,674           | 314        |
| Attend = Reside         |   |                              |     |     |     |     |         | 1,057           |                 |            |
|                         |   | 74%                          | 63% | 57% | 58% | 62% |         |                 | 63.1%           |            |

Source: Cave Creek School District; Applied Economics, 2024.