#  ${ }^{s} \mathrm{CHOO}^{\mathrm{s}}$ <br> <br> Capacity <br> <br> Capacity <br> Committee Report 



## Fiscal Year 2022-2023

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# Memorandum 

| To: | Michael Gaal <br> Superintendent, Colorado Springs School District 11 |
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| From: | Tamara Acevedo <br> Chief Academic Officer of Achievement, Learning \& Leadership |
| Date: | October 25, 2022 |

Subject: School Year 22/23 Capacity Committee Report
As stated in Policy JC: School Attendance Areas and School Building Capacity, an annual update shall be provided to the Board of Education no later than the second regular Board of Education meeting in October on capacity and enrollment issues. In addition, the District 11 Capacity Committee evaluated the policy criteria for each school in District 11.

The committee expanded its membership to include more teachers and school administrators. The School Year (SY) 2022-2023 Capacity Committee is comprised of the following individuals:

Tamara Acevedo Chief Academic Officer of Achievement, Learning \& Leadership<br>Ryan Miller Principal, Grant Elementary<br>Brett Wiltz Principal, McAuliffe Elementary<br>Jim Nason Principal, Jack Swigert Aerospace Academy<br>Sean Norman Principal, Odyssey Early College, and Career Options<br>Clara Hoellerbauer Assistant Principal, Palmer High School<br>Jennifer Hagood<br>Nancy Maresh Melo<br>Melissa Andrews<br>Terry Johns<br>Lyman Kaiser<br>Kristina North<br>Lisa Martinez<br>Doug Abernethy<br>Jennifer Hotaling<br>Brandan Comfort<br>Principal, Odyssey Early College, and Career Options<br>Facilitator, Special Education<br>Facilitator, Special Education<br>Director, Enrollment<br>Project Manager, Facilities<br>Representative, District Accountability Committee<br>Administrative Specialist, Chief Academic Office<br>Administrative Specialist, Chief Academic Office<br>Community Member<br>Capital Program Assistant Director<br>Area Superintendent

Attached are the following documents related to the School Year (S/Y) 22/23 capacity report due to the Board of Education:

1. Summary spreadsheet of school utilization percentages based on current enrollment
2. Permit data by school
3. Flag report utilizing criteria indicators
4. District 11 school boundary maps

In conjunction with Education Insights Services and the Communications Office, the Capacity Committee updated the District 11 School Building Detail Report, which shows each school's current academic performance, enrollment, and utilization information. The five-year enrollment data in the School Building Detail Report is the official October Pupil Count except for the current year, which is based on an unofficial student count on September 8,2022.

## Executive Summary

This year the Capacity Committee continued to evaluate the effective use of space in all District 11 schools. In addition, the committee made recommendations for future action noted in the recommendation portion of this report. All recommendations were made keeping in mind the district's upcoming work, including the development of the Academic Master Plan, 5-year Facilities Update, Pre-School Expansion, and increased school demand.

## Enrollment Trends

Enrollment in District 11 is an important factor since it drives almost 70 percent of the operating budget revenues. In the school Year 2022-23, our total K-12 enrollment (which includes Charter Schools) is down approximately 422 students ( $-1.9 \%$ ) compared to last year's October Count. Elementary schools are up by approximately 276 students ( $2.63 \%$ ), middle schools are down approximately 181 students ( $-4.1 \%$ ), high schools are down approximately 386 students ( $-7.4 \%$ ), and the alternative/nontraditional schools are down approximately 26 students ( $-1.8 \%$ ). Charter schools have decreased by approximately 105 students ( $-8.2 \%$ ). Note: all pupil counts are preliminary counts as of September 8, 2022.

When enrollment is examined on a school-by-school basis, outliers are evident on both the spectrum's high and low end.

On the high end of the spectrum (enrollment increase from last year), we have the following schools:

- North Middle School47
- Lt. Col. Thomas H. Martinez Elementary 45
- James Madison Elementary 42
- Christa McAuliffe Elementary 38

On the low end of the spectrum (enrollment decrease from last year), we have the following schools:

- General William J. Palmer High -193
- General William Mitchell High -187
- Thomas B. Doherty High -152
- Florence R. Sabin Middle School -78
- Charles M. Russel Middle School -57


## Permitting Trends

School choice in Colorado has created an environment for exceptionally high permit activity. School Year 2022-2022 continues to increase this trend across the District. A simple formula of permits in minus permits out is used to examine permit activity. When permits are reviewed on a school-by-school basis, outliers are evident on both the spectrum's high and low end.

The high end of the spectrum would be identified as those schools with a very high positive net permit total. The number in parenthesis is the number of choice students outside District 11. On the high end of the spectrum, we have the following schools:

- Thomas B. Doherty High 432 (178)
- Frances L. Jenkins Middle
- Gen. William J. Palmer High
- Buena Vista Elementary
- North Middle School
- Winfield Scott Stratton Elementary
- Chipeta Elementary

178 (52) (Montessori elementary/no boundary)
166 (52)

- Benjamin Steele Elementary
- Oliver Wendell Holmes Middle
- 

The lower end of the spectrum would be those schools identified as having a high negative net of permits. On the low end of the spectrum, we have the following schools:

- General William Mitchell High
- Galileo School of Math and Science -202
- Francisco Vasquez de Coronado High -194
- Freedom Elementary -111
- West Elementary School -106
- Horace Mann Middle -106
- Midland International Elementary -104


## Utilization Trends

Optimization of Utilization (OU) continues to be an important effort in School District 11. Not only do appropriately utilized schools allow for a full portfolio of instructional programs, but they are also more efficient in using the District's resources. The effects of the FY12/13 OU project made a distinct difference in utilization. Elementary school utilization now averages 64 percent. Middle school utilization is 67 percent, and traditional high school utilization is now at 80 percent. All utilization percentages include the increased capacity from portables since portables are currently used as instructional teaching stations. When we examined the utilization on a school-by-school basis, we continued to see outliers on both the spectrum's high and low end.

On the high end of the utilization spectrum (percentage of capacity used, including portables, since they are being used as teaching stations), we have the following schools:

- Christa McAuliffe Elementary
- Richard C. Bristol Elementary
- Thomas B. Doherty High
- Benjamin Steele Elementary
- James Madison Elementary
- Columbia Elementary

88 percent
87 percent
87 percent
85 percent
84 percent
82 percent

At $70 \%$ or less (percentage of capacity used), we have the following schools:

- Woodrow Wilson Elementary
- Lt. Colonel Thomas H. Martinez Elementary
- Anna M. Rudy Elementary
- William J. Palmer High
- Julie Penrose Elementary

68 percent
67 percent
66 percent
66 percent
66 percent

- Queen Palmer Elementary
- Irving Howbert Elementary
- Buena Vista Elementary
- John Adams Elementary
- Winfield Scott Stratton Elementary
- James Monroe Elementary
- John C. Fremont Elementary
- John J. Audubon Elementary
- Vera Scott Elementary
- Andrew Jackson Elementary
- Will Rogers Elementary
- Florence R. Sabin Middle
- Galileo School of Math \& Science
- Charles M. Russell Middle
- Freedom Elementary
- Alice Bemis Taylor Elementary
- Horace Mann Middle
- General William Mitchell High
- Midland International Elementary
- George Washington Carver Elementary
- West Middle
- Mark Twain Elementary
- West Elementary
- Trailblazer Elementary

66 percent
65 percent
65 percent
65 percent
65 percent
64 percent
63 percent
63 percent
63 percent
62 percent
60 percent
59 percent
58 percent
58 percent
58 percent
56 percent
55 percent
54 percent
53 percent 52 percent
49 percent
42 percent
39 percent
32 percent

## Optimization of Utilization Flags

The OU flags remain a healthy way to examine schools by several key performance indicators. These flags have been, historically, collaboratively designated by the committee based upon thresholds in the areas of (a) utilization, (b) capacity, (c) enrollment, (d) permits, (e) accreditation status, and (f) Colorado growth measure.

Below are definitions to support an interpretation of this report:
Utilization: This percentage is derived from dividing the current enrollment by the building capacity. A utilization percent greater than or equal to $95 \%$ raises a flag to indicate possible overcrowding. A utilization percent less than or equal to $70 \%$ raises a flag to indicate underuse. The utilization calculation is inclusive of portables.

Capacity: This number is calculated by multiplying the number of classrooms in the building times the number of 'seats' in each classroom---25 for elementary schools, 30 for middle schools and high schools) They then credited various required uses in elementary schools or multiplied by predetermined usage factors for middle and high schools. A fewer than 300 students capacity indicates a building is too small to justify the management and overhead needed to run a schooleconomically.

Enrollment: Enrollment is simply the number of students enrolled in each school. Schools that have an enrollment under 275 students receive a flag. Note: Preschool enrollment is handled through a teaching station deduction.

Permits Out/In $>1.5$ : This flag calculates the ratio between permits out and permits in. It is used to identify a school with a large number of students who permit out and does not replace those students with permits in. Example:

- School A has 100 permits out and 50 permits in: Out $\div \mathrm{In}=2$, which is greater than 1.5 , so School A gets a flag.
- School B has 100 permits out and 100 permits in: $\mathrm{Out} \div \mathrm{In}=1$, which is less than 1.5 , so School B does not get a flag.

School Framework Plan Type: Each school's attainment level on the initial plan type is supplied to the District by the Colorado Department of Education (CDE). Annually, CDE calculates School Performance Frameworks (SPFs) for each school in the state. Usually, these are provided to each district in September. The SPF for each school contains a summary of academic performance and growth information and postsecondary and workforce readiness metrics for high schools. These data are used to generate an SPF rating of either Performance, Improvement, Priority Improvement, or Turnaround. Schools receiving an initial rating of "Priority Improvement" or "Turnaround" will receive aflag.

Colorado Growth Measure: Each student in Colorado is assigned a growth percentile indicating how well that student grew academically from one year to the next, based on state assessment outcomes. The individual percentiles are then collectively examined to determine how well a school performed using the student percentiles' Median. The Median Growth Percentile (MGP) indicates how well the middle child in the school grew academically from one year to the next. A school receives a flag if the MGP for both tested subject areas (English Language Arts and Math) is $<=40$.

When Optimization of Utilization flags is examined on a school-by-school basis, outliers are evident on both the spectrum's high and low end.

On the high end of the spectrum, we have the following schools:

- John J. Audubon Elementary
5 flags
- Midland Elementary
4 flags
- West Middle
4 flags
- General William Mitchell High
4 flags


## House Bill 16-1422 Section 12

Legislation (House Bill 16-1422 Section 12) was passed in the Spring of 2016, which reads, in part:
No later than November 1st of each year, the District shall prepare a list of vacant or underused buildings and land and provide the list, upon request, to charter schools authorized by the District, charter school applicants, and other interested persons.

A building is considered underused if it has the unused functional capacity to accommodate 250 students or more.

Schools identified as having 250 or more available seats are:

- General William Mitchell High 717 seats
- Gen. William J. Palmer High 698 seats
- Francisco Vasquez de Coronado High 469 seats
- Mark Twain Elementary 424 seats
- Florence R. Sabin Middle 414 seats
- Trailblazer Elementary 390 seats
- Charles M. Russell Middle 369 seats
- Horace Mann Middle 312 seats
- Galileo School of Math \& Science Middle

272 seats

- Thomas B. Doherty High

265 seats
Because of this legislation, all charter schools located in District 11 buildings are included in the supporting documentation. In addition, the Elementary School Capacity Model was used to determine the functional capacity of these schools (see the notes for specific details).

The committee raised the concern that a school identified as having 250 or more open seats does not mean the school can accommodate a stand-alone school to serve 250 students since open seats are dispersed in various classrooms throughout a school. In addition, schools that meet these criteria usually do not have the dual infrastructure (i.e., cafeteria, gym, auditorium, library/media center, athletic facilities, playgrounds) to support a second stand-alone school.

## 2022-2023 Capacity Committee Recommendations

- No schools are capped for SY 2023-2024.
- No attendance area boundary changes for SY 2023-2024.
- Investigate school choice (permits, program choice, etc.) and how it impacts enrollment.
- Build awareness of causes for over- and under-utilization as District 11 addresses the need to increase enrollment.
- Continue to build out the Academic Master Plan and update the 5-year Facilities Plan as they work in alignment with school capacity.
- Study the number and use of portables in the District based on each school's capacity, the current condition of portables, and District cost-benefit analysis in conjunction with increased demand at high-performance schools and expansion of pre-k opportunities.


School Capacity Model

## FY 22-23



| High Schools |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| School | Traditional Teaching Stations | Building \& Program Adjustment Credits | Net Teaching Stations | Classroom Pupil Formula | Functional Capacity w/o Portables | $\begin{gathered} \text { Enrollment } \\ 9 / 8 / 22 \\ \hline \end{gathered}$ |  | Functional Utilization w/o Portables | Portable Teaching Stations | Functional Capacity with Portables |  | ional Util Portables | $\begin{gathered} \text { Available } \\ \text { Spaces }>100 \\ \text { and }<540 \\ \text { SqFt } \\ \hline \end{gathered}$ |
| Coronado | 79.0 | (11.0) | 68.0 | 30 | 1,734.0 | 1,265.0 | $\square$ | 72.95\% | 0.0 | 1,734.0 | - | 72.95\% | 1511 |
| Doherty | 92.0 | (13.0) | 79.0 | 30 | 2,014.5 | 1,750.0 | $\square$ | 86.87\% | 0.0 | 2,014.5 | - | 86.87\% | 3617 |
| Mitchell | 77.0 | (16.0) | 61.0 | 30 | 1,555.5 | 839.0 | V | 53.94\% | 0.0 | 1,555.5 | - | 53.94\% | 1165 |
| Palmer | 95.0 | (15.0) | 80.0 | 30 | 2,040.0 | 1,342.0 | F | 65.78\% | 0.0 | 2,040.0 | - | 65.78\% | 3195 |
| RJWAC Campus | 83.0 | 0.0 | 83.0 | 21 | 1,096.0 | 1,932.0 | - | 109.1\% | 0.0 | 1,096.0 | $\square$ | 109.1\% |  |
| Achieve On-Line |  |  |  |  |  | 346.0 |  |  |  |  |  |  |  |
| Bijou |  |  |  |  |  | 134.0 |  |  |  |  |  |  |  |
| Digital School |  |  |  |  |  | 153.0 |  |  |  |  |  |  |  |
| Odyssey ECCO |  |  |  |  |  | 304.0 |  |  |  |  |  |  |  |
| Career Pathways |  |  |  |  |  | 328.0 |  |  |  |  |  |  |  |
| Adult \& Family Ed |  |  |  |  |  | 667.0 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Spark |  |  |  |  |  | 211.0 |  |  |  |  |  |  |  |
| Tesla-Longfellow | 21.0 | 0.0 | 21.0 | 21 |  | 245.0 | $\square$ | 80.00\% |  |  | $\square$ | 80.0\% | 0.0 |
| Totals | 447.0 | (55.0) | 392.0 | 21 | 8,440.0 | 7,373.0 | - | 80.89\% | 0.0 | 8,440.0 | - | 77.93\% | 9,488 |



Genal
Green bubble $=$ less than 95\%utilization.
Yellow bubble $=95 \%$ to $99 \%$ utilization.
1 Green bubble $=$ more than $80 \%$ utilization. $\quad$ Permits out are internal to other D11

Red bubble = more than $100 \%$ utilizatio


Colorado Springs School District 11
9th-12th Grade Permit Data
September 13, 2022

| School of Residence |  |  |  | $\rightarrow$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| School | Code | $350$ <br> Coronado | 351 <br> Doherty | $352$ <br> Mitchell | $353$ <br> Palmer | Out of Dist | Total <br> Enrollment | $\begin{gathered} \text { Permits } \\ \text { In } \\ \hline \end{gathered}$ | Internal Permits In |
| Coronado | 350 | 975 | 30 | 93 | 103 | 84 | 1285 | 310 | 226 |
| Doherty | 351 | 85 | 1106 | 424 | 31 | 178 | 1824 | 718 | 540 |
| Mitchell | 352 | 7 | 14 | 764 | 18 | 48 | 851 | 87 | 39 |
| Palmer | 353 | 159 | 22 | 316 | 786 | 177 | 1460 | 674 | 497 |
| Achieve Online | 462 | 43 | 44 | 71 | 37 | 66 | 261 | 261 | 195 |
| Bijou | 470 | 32 | 20 | 25 | 34 | 20 | 131 | 131 | 111 |
| Digital | 461 | 21 | 42 | 36 | 16 | 21 | 136 | 136 | 115 |
| Odyssey ECCO | 454 | 50 | 62 | 115 | 45 | 36 | 308 | 308 | 272 |
| Tesla | 475 | 34 | 28 | 78 | 41 | 47 | 228 | 228 | 181 |
| CPS | 931 | 27 | 7 | 37 | 21 | 73 | 165 | 165 | 92 |
| CIVA | 932 | 39 | 16 | 33 | 18 | 87 | 193 | 193 | 106 |
| Eastlake | 933 | 7 | 1 | 19 | 28 | 37 | 92 | 92 | 55 |
| Total Boundary Area Students |  | 1479 | 1392 | 2011 | 1178 | 874 | 6934 | 3303 | 2429 |
| Permits Out |  | 504 | 286 | 1247 | 392 |  | 2429 |  |  |

SOURCE: Q school of residence vs. school of attendance.
Includes Charter and Non-Traditional programs though permits not required.

Colorado Springs School District 11
9th-12th Grade Permit Data
September 13, 2022

| School of Residence |  |  |  | $\rightarrow$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| School | Code | $350$ <br> Coronado | 351 <br> Doherty | $352$ <br> Mitchell | $353$ <br> Palmer | Out of Dist | Total <br> Enrollment | $\begin{gathered} \text { Permits } \\ \text { In } \\ \hline \end{gathered}$ | Internal Permits In |
| Coronado | 350 | 975 | 30 | 93 | 103 | 84 | 1285 | 310 | 226 |
| Doherty | 351 | 85 | 1106 | 424 | 31 | 178 | 1824 | 718 | 540 |
| Mitchell | 352 | 7 | 14 | 764 | 18 | 48 | 851 | 87 | 39 |
| Palmer | 353 | 159 | 22 | 316 | 786 | 177 | 1460 | 674 | 497 |
| Achieve Online | 462 | 43 | 44 | 71 | 37 | 66 | 261 | 261 | 195 |
| Bijou | 470 | 32 | 20 | 25 | 34 | 20 | 131 | 131 | 111 |
| Digital | 461 | 21 | 42 | 36 | 16 | 21 | 136 | 136 | 115 |
| Odyssey ECCO | 454 | 50 | 62 | 115 | 45 | 36 | 308 | 308 | 272 |
| Tesla | 475 | 34 | 28 | 78 | 41 | 47 | 228 | 228 | 181 |
| CPS | 931 | 27 | 7 | 37 | 21 | 73 | 165 | 165 | 92 |
| CIVA | 932 | 39 | 16 | 33 | 18 | 87 | 193 | 193 | 106 |
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SOURCE: Q school of residence vs. school of attendance.
Includes Charter and Non-Traditional programs though permits not required.

Optimization of Utilization Flags 2022-2023

| School | $\begin{gathered} \text { Utilization } \\ >=\mathbf{9 5 \%} \end{gathered}$ | Utilization $<=70 \%$ | Capacity $<=300$ | $\begin{gathered} \text { Enrollment } \\ <275 \end{gathered}$ | Permits Out/In $>1.5$ | School Performance Framework | *CO Growth <br> Measure | $\begin{gathered} \text { Total } \\ \text { \# of } \\ \text { Flags } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Elementary |  |  |  |  |  |  |  |  |
| Adams |  | X |  |  | X | X |  | 3 |
| Audubon |  | X |  | X | X | X | X | 5 |
| Bristol |  |  | X | X |  |  |  | 2 |
| Buena Vista |  | X | X | X |  |  |  | 3 |
| Carver |  | X |  | X |  | X |  | 3 |
| Chipeta |  |  |  |  |  |  |  | 0 |
| Columbia |  |  |  | X |  | X | X | 3 |
| Edison |  |  |  | X |  |  |  | 1 |
| Freedom |  | X |  |  | X |  |  | 2 |
| Fremont |  | X |  |  |  | X | X | 3 |
| Grant |  |  |  |  |  |  |  | 0 |
| Henry |  |  |  |  |  |  |  | 0 |
| Howbert |  | X |  | X | X |  |  | 3 |
| Jackson |  | X |  |  |  |  |  | 1 |
| Keller |  |  |  |  |  |  |  | 0 |
| King |  |  |  |  |  |  |  | 0 |
| Madison |  |  |  |  |  |  |  | 0 |
| Martinez |  | X |  |  |  | X |  | 2 |
| McAuliffe |  |  |  |  |  |  |  | 0 |
| Midland |  | X | X | X | X |  |  | 4 |
| Monroe |  | X |  |  |  |  |  | 1 |
| Penrose |  | X |  |  |  | X | X | 3 |
| Queen Palmer |  | X | X | X |  |  |  | 3 |
| Rogers |  | X |  | X |  |  |  | 2 |
| Rudy |  | X |  |  |  |  |  | 1 |
| Scott |  | X |  |  |  |  |  | 1 |
| Steele |  |  | X | X |  |  |  | 2 |
| Stratton |  | X |  | X |  |  |  | 2 |
| Taylor |  | X | X | X |  |  |  | 3 |
| Trailblazer |  | X |  | X |  |  |  | 2 |
| Twain |  | X |  |  | X | X |  | 3 |
| West ES |  | X |  | X | X |  |  | 3 |
| Wilson |  | X |  |  |  |  |  | 1 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Galileo |  | X |  |  | X | X |  | 3 |
| Holmes |  |  |  |  |  |  |  | 0 |
| Jenkins |  |  |  |  |  |  |  | 0 |
| Mann |  | X |  |  | X | X |  | 3 |
| North |  |  |  |  |  |  |  | 0 |
| Russell |  | X |  |  |  |  |  | 1 |
| Sabin |  | X |  |  | X |  |  | 2 |
| Swigert |  |  |  |  | X | X |  | 2 |
| West MS |  | X |  | X |  | X | X | 4 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Achieve Online |  |  |  |  |  |  | X | 1 |
| Bijou |  |  |  | X |  |  |  | 1 |
| Coronado |  |  |  |  | X |  |  | 1 |
| Doherty |  |  |  |  |  |  |  | 0 |
| Mitchell |  | X |  |  | X | X | X | 4 |
| Odyssey ECCO |  |  |  |  |  |  |  | 0 |
| Palmer |  | X |  |  |  |  |  | 1 |
| Tesla EO |  |  |  |  |  |  | X | 1 |



## Colorado Springs School District 11

Elementary Boundaries
2022_2023


## Colorado Springs School District 11 Middle School Boundaries

 2022_2023

Colorado Springs School District 11 High School Boundaries

2022_2023

