

BLUEPRINT 2030

Assessment Report – Utilization Study

2-3-20

EXECUTIVE SUMMARY

PURPOSE:

- 1.) Establish, revise, or confirm building capacities.
- 2.) Understand how buildings are currently being utilized.
- 3.) Use findings to inform Blueprint 2030 recommendations.

APPROACH:

The utilization study was conducted by KCPS Senior Planner, Jesse Lange. Jesse visited every school in the district and observed instructional space in each building. Classrooms were divided into four categories: General classrooms, half-size classrooms, science labs, and specialty classrooms (art, band, choir, FACS, etc.).

Capacity Calculation

The sum of all general classrooms and science labs were multiplied by 25.

+

The number of half size classrooms were also multiplied by 10.

=

Maximum Building Capacity

Maximum Building Capacity multiplied by the 85% utilization factor = “Published” Building Capacity

(Example: A school with 8 general classrooms, 2 science labs, and five half sized rooms would have a published building capacity of 255.

8+2 = 10 and 10x25 = 250

5x10 = 50

250+50 = 300

300x.85 = 255)

Utilization Calculations

Enrollment divided by the Maximum Building Capacity = Utilization % (Target is 85%)

Utilization was also determined by building walkthroughs. Building walkthroughs focused on general classrooms and science labs. Classrooms (all general classrooms and science labs) were divided into four utilization categories:

- 1.) Occupied, but Underutilized – Any classroom used less than 5 periods per day, 4 days per week, or less than 10 students at one time. *
- 2.) Vacant Classroom – Any classroom not used for instruction, office, or meeting space.
- 3.) Non-Instructional Use – Any classroom used for office space, community users, etc.
- 4.) Adequately Utilized Classroom – Any classroom that does not fit the definitions above.

*Less than 10 students does not apply to classrooms used for SPED instruction.

KEY FINDINGS:

- Building capacities have changed (slightly) since 2016 (i.e. buildings have been reconfigured for multiple uses or renovation has changed classroom counts).
- Recommend using 85% of the maximum capacity on all documents as the “Published” Building Capacity.
- Overall, building utilization is much better now than prior to the master plan (2016).
- At the elementary level there are two extremely inefficient schools: AC Elementary and Holliday Montessori.
- The bulk of excess capacity occurs in high schools (KCPS would need to attract 1,500 additional students to reach 85% of maximum capacity in the high schools).

NEXT STEPS:

- Conduct the utilization study at other district facilities – alternative schools, Manual Career and Technical Center, and Richardson and Woodland early learning centers.

SUPPORTING DOCUMENTS:

- 1.) 2019 Utilization Study Summary Sheet
- 2.) Example of Utilization Study Walkthrough Form (James Elementary)