



MONTGOMERY AREA SCHOOL DISTRICT

DISTRICT-WIDE FACILITY STUDY
STEERING COMMITTEE MEETING
FEBRUARY 8, 2022



Crabtree, Rohrbaugh & Associates
Architecture, Planning, Interior Design

1. Guiding Principles
2. Existing Student Capacity
3. Projected Student Enrollment
4. Educational and Functional Deficiencies
5. Upcoming Meetings

GUIDING PRINCIPLES

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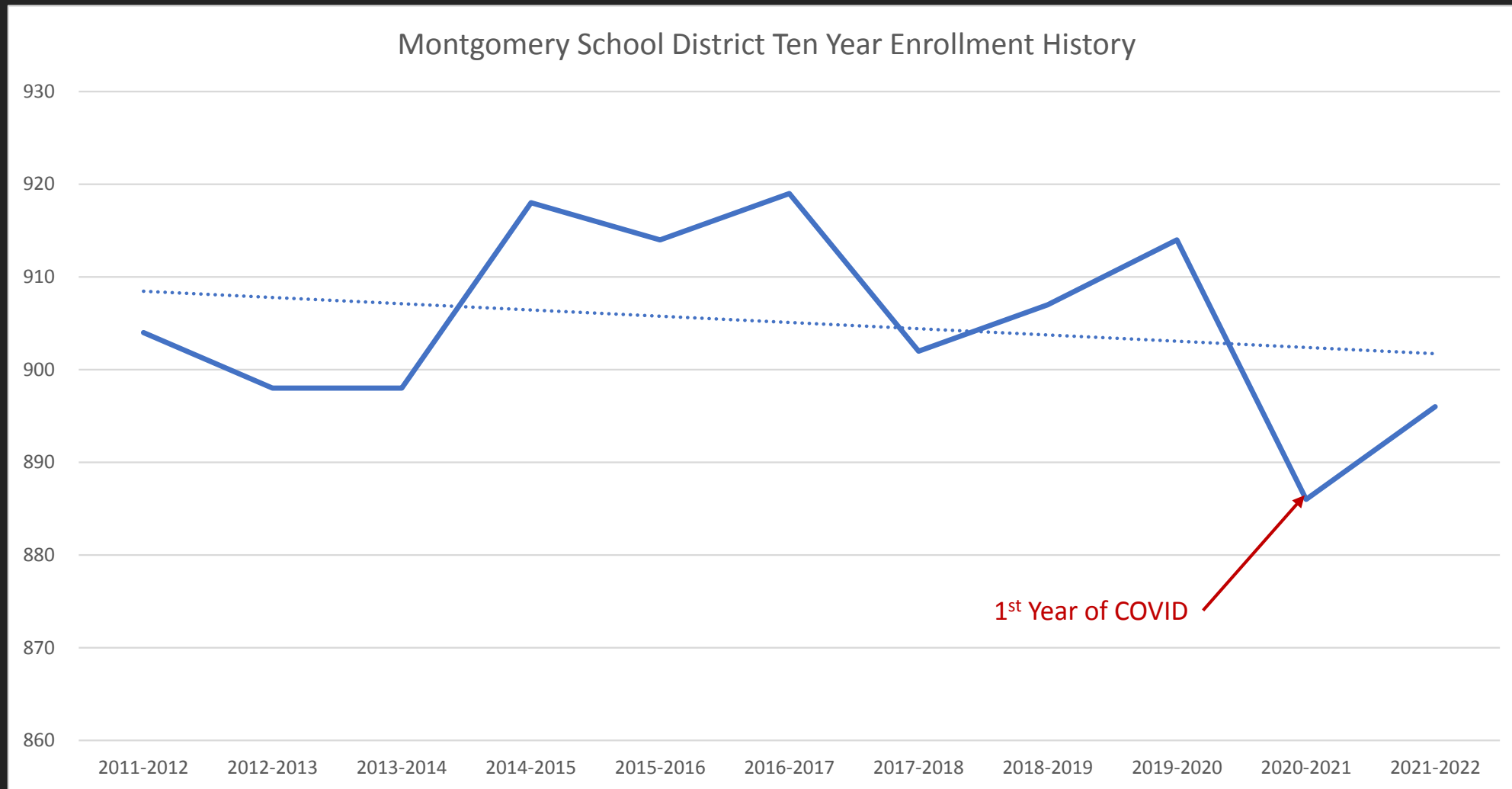
1. The design and location of educational facilities will be the result of a comprehensive planning process, with expenditures aligned with our financial resources.
2. The educational facilities will provide a comfortable, stimulating learning environment that is conducive to collaboration, meets the diverse learning styles of individual students, and supports an equal educational opportunity for all.
3. The educational facilities will respond to current, and future information, communication and technology needs that will empower staff to deliver a high quality rigorous instructional program blended for the needs of all students.

GUIDING PRINCIPLES

4. The educational facilities will support community use and educational partnerships with local business and industry.
5. The educational facilities will be inspirational in design features that cultivate the critical thinking, communication, collaboration and creativity of our students.
6. The educational facilities will allow space to encourage academic, athletic and social/emotional growth of our students.
7. The District facilities will be adaptable to future demographic, educational, and community needs.

PROJECTED ENROLLMENT

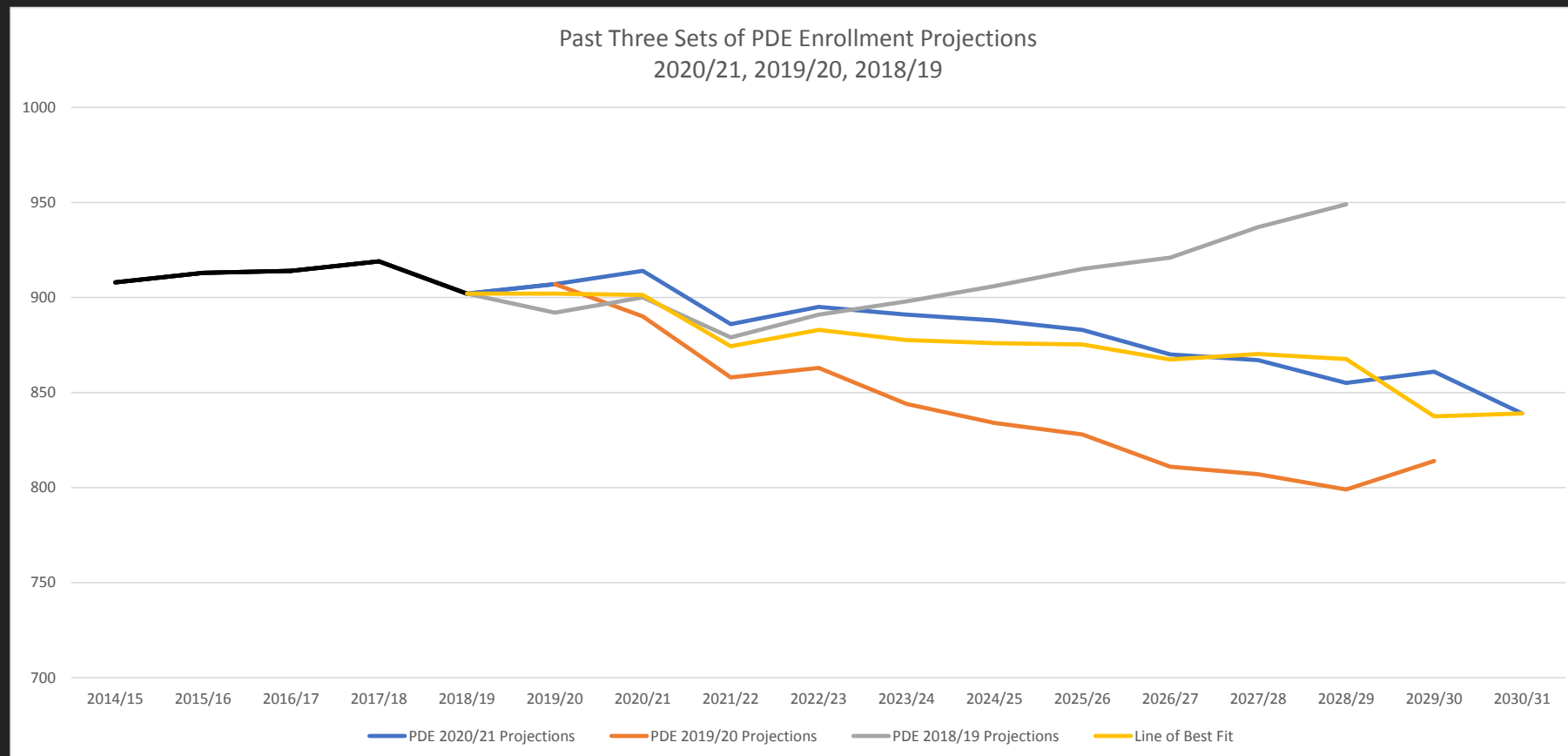
Historic Enrollments 2011/12 to 2021/22



*The full impact of COVID on enrollments can not be fully measured for another two to four years.

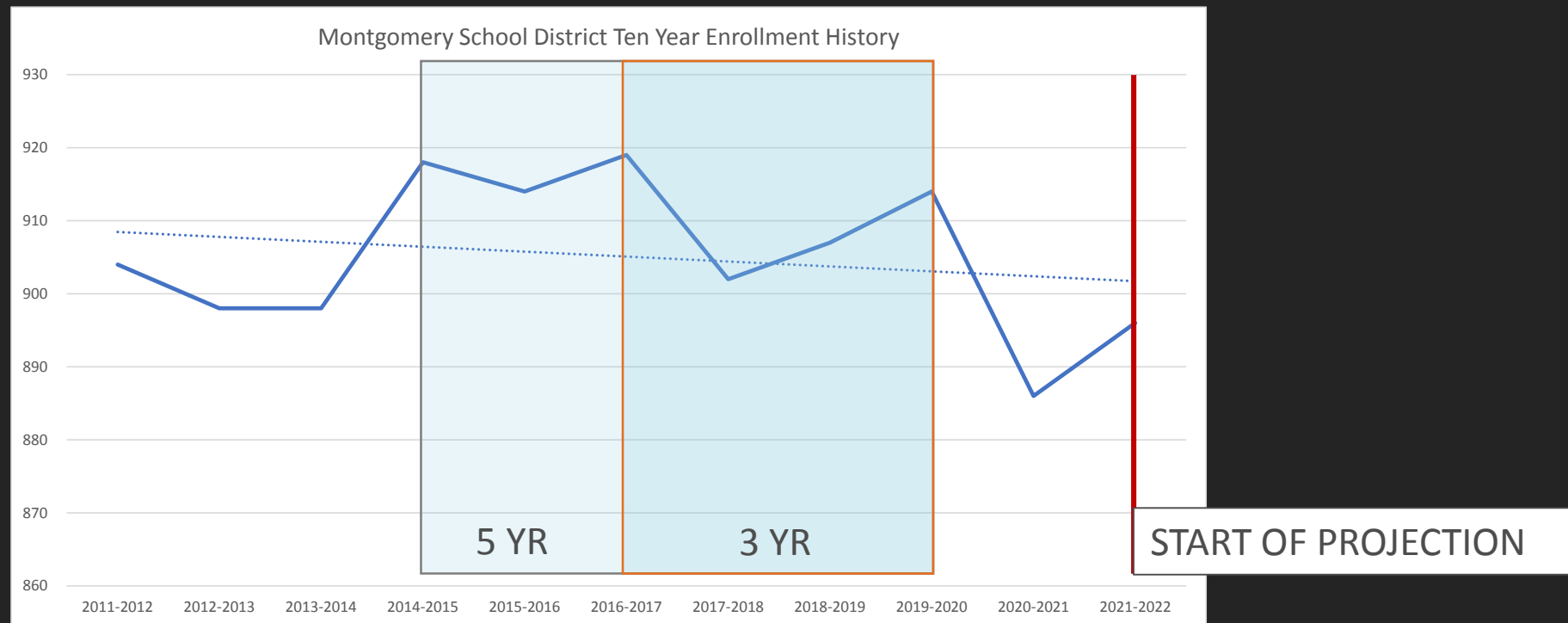
PDE Enrollment Projections Comparison

- PDE Provides the District annually with new enrollment projections.
- PDE has not made any adjustment in their methodology to account for the impact of COVID 19.
- PDE's projections have a greater margin of error in smaller districts.
- The yellow line represents the average of the past three projections.

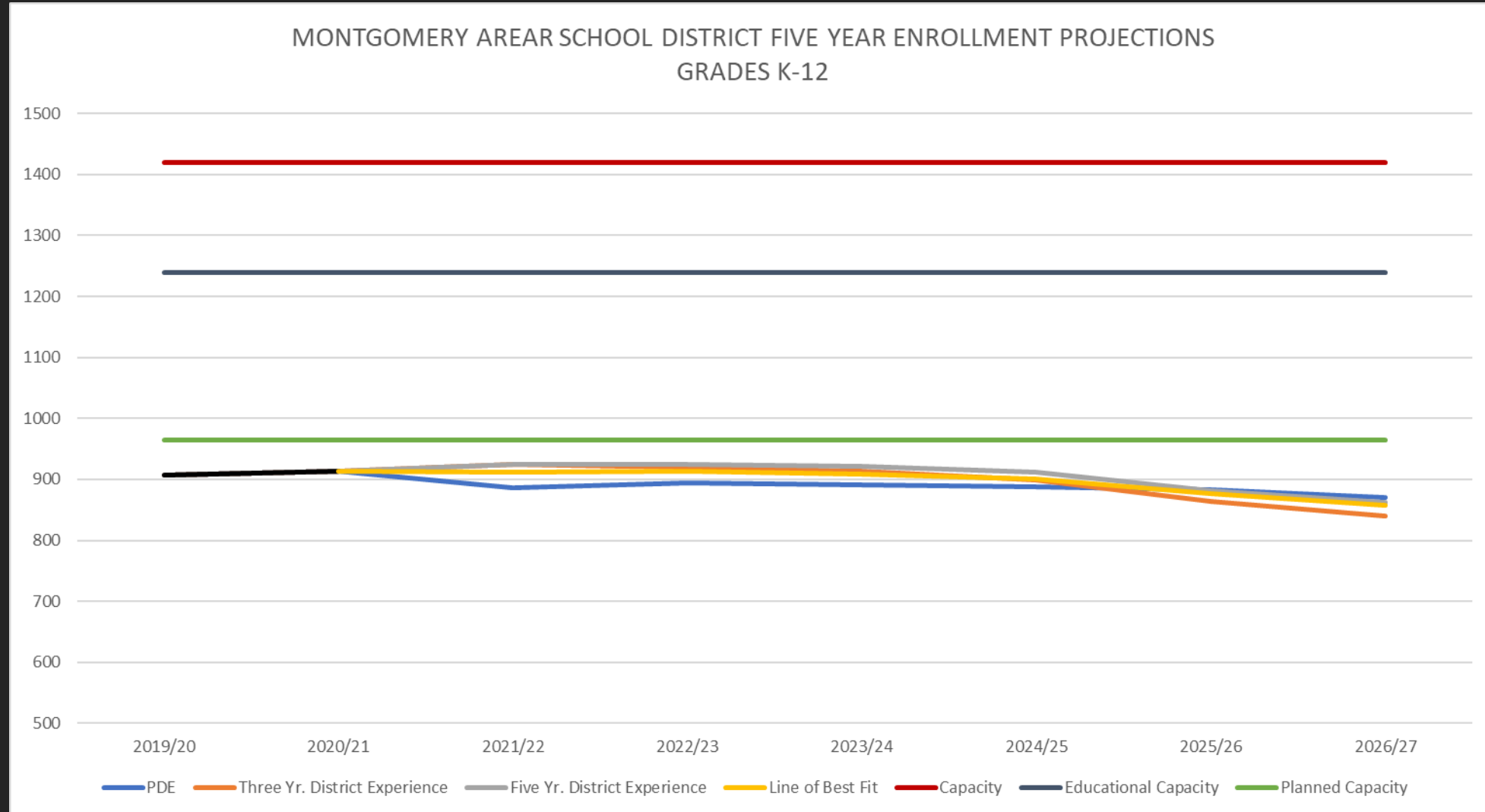


CRA Enrollment Projection Model

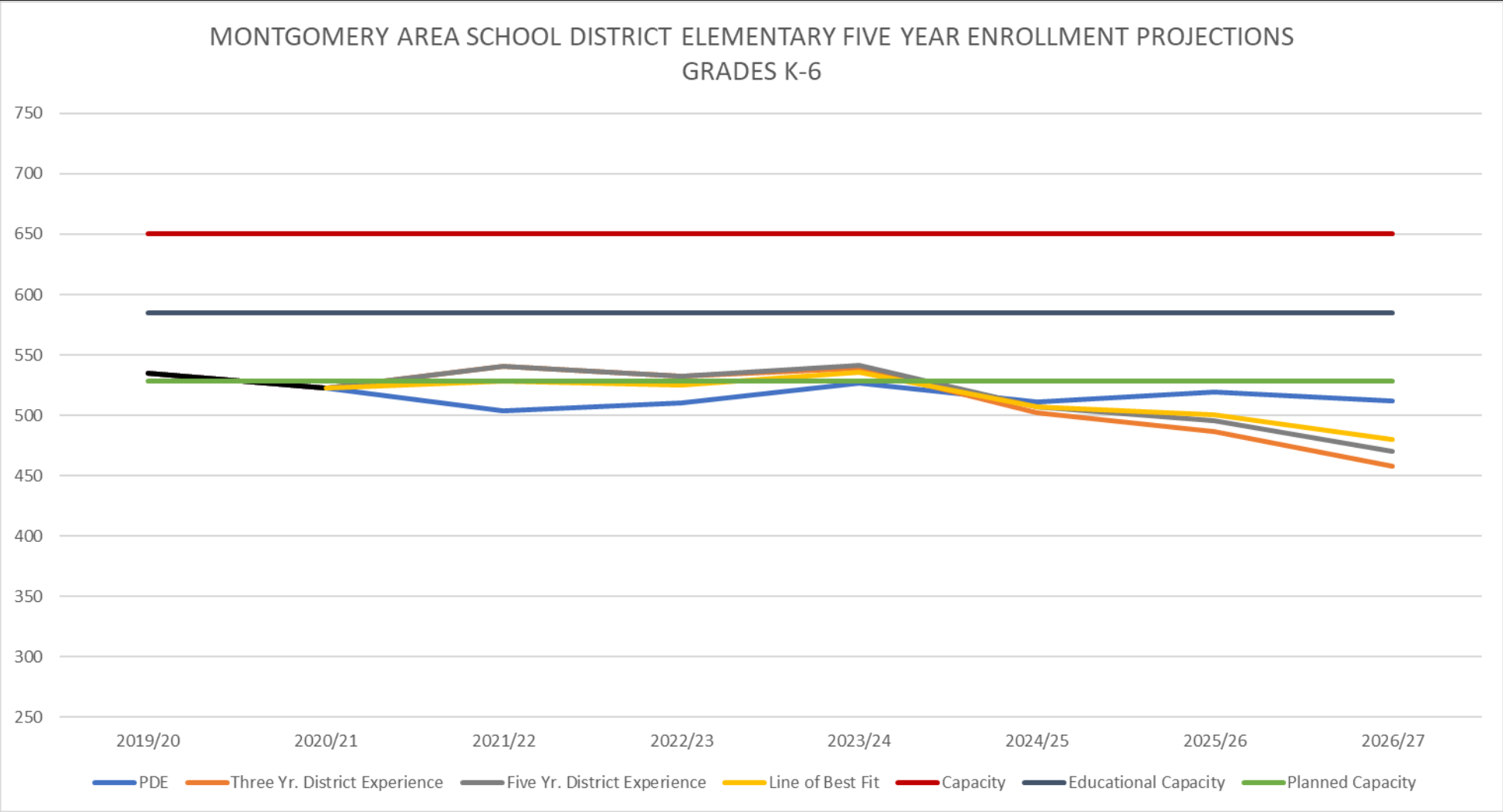
- Projections are based on the District's pre-Pandemic growth rates.
- Growth rates utilized were three-year (2017/18 to 2019/2020) and five-year (2015/16 to 2019/2020) growth rates. These growth rates are applied 2021/22 enrollments.
- Only the next five years' worth of projections are shown as beyond five years the margin of error increases greatly and are unreliable.
- The Line of Best Fit (LOBF-Yellow Line) is the average of the CRA and PDE projections. This is the line from which planned capacity is calculated.



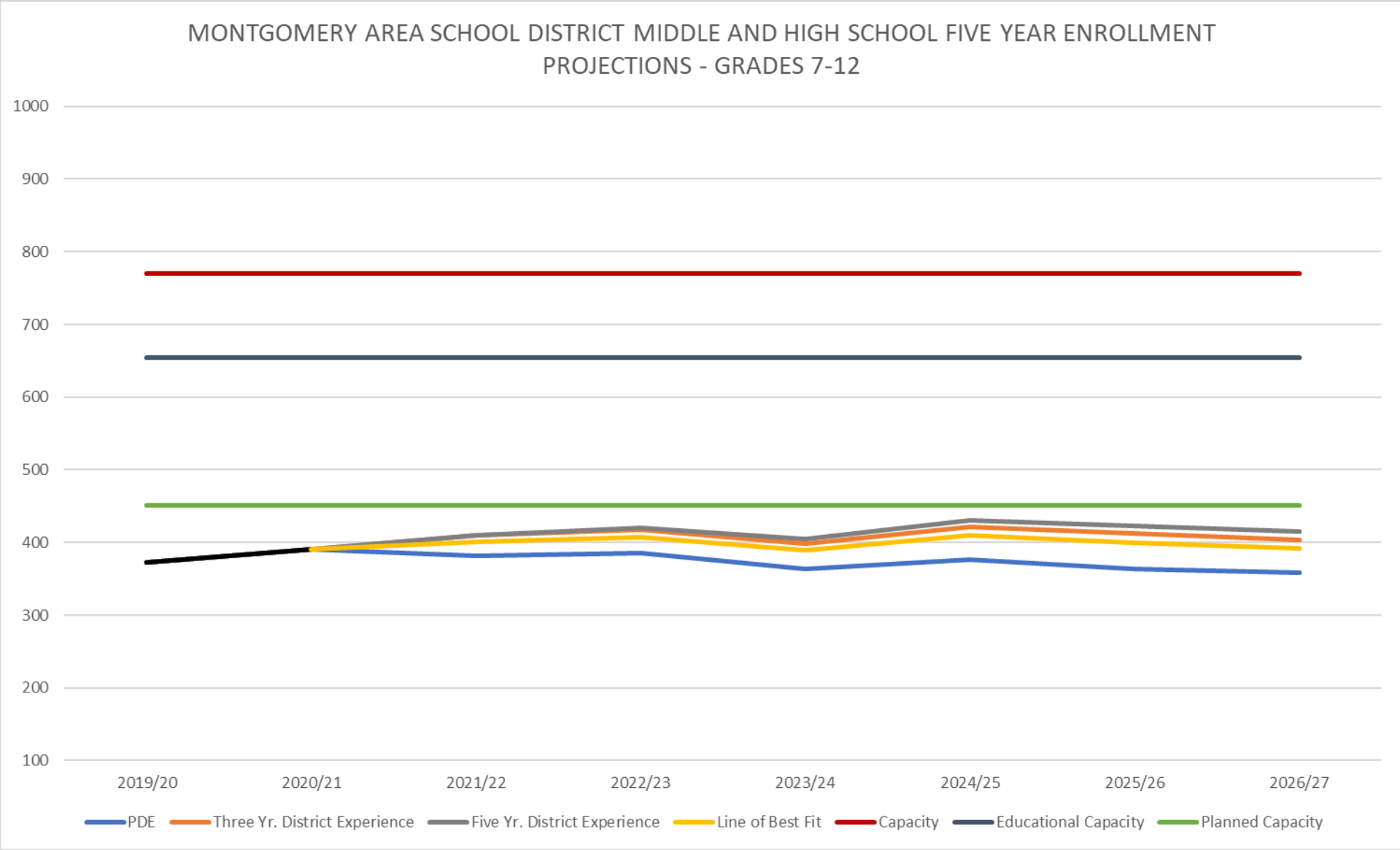
Enrollment Projections (K-12)



Elementary Enrollment Projections (K-6)



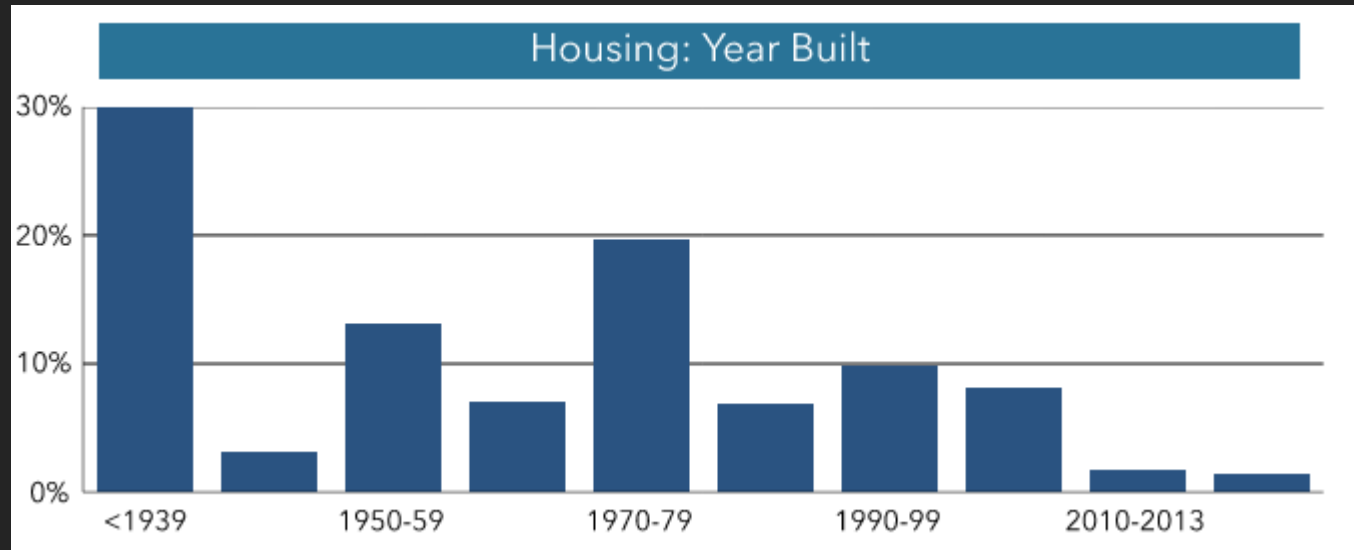
Middle/High School Enrollment Projections (7-12)



Enrollment Summary

Overall, the Montgomery Area School District is projected to have a stable enrollment pattern over the next five years which will not impact building capacity.

Potential Housing Developments

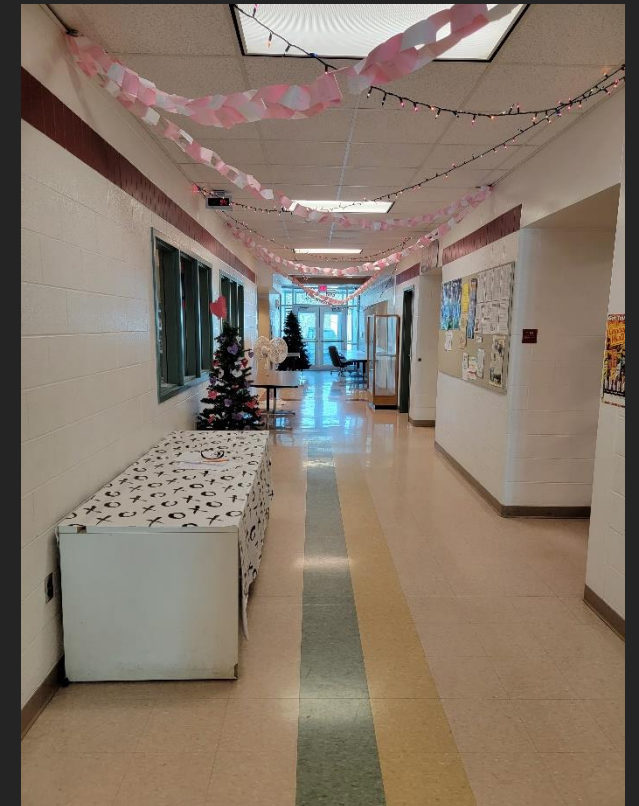


- 2021 Households – 2,268 (1 % decline from 2000)
- 2021 Enrollment - 951
- 0.42 students per household
- 100 new Households = 42 potential students (3 students per grade)

EDUCATIONAL & FUNCTIONAL DEFICIENCIES

EDUCATIONAL

- No dedicated classroom for STEM
- No common collaboration space
- No individual small group spaces for instructional support (shared room)
- Special education classroom undersized
- Life skills lab needed
- No safe room
- Music and Art Classrooms undersized
- Classroom furniture does not align with educational delivery



FUNCTIONAL

- Elementary students intermix with secondary students
- No hard surface play area
- Playground severely undersized
- One multipurpose room for Gym & Lunch (schedule space in HS)
- Lacking adequate power for charging of devices and other needs
- 6th grade not located with other Elementary Grades
- Music and Art not located with Elementary Grades
- Sensory room not adjacent to emotional support
- Storage inadequate
- No common toilet rooms in classroom wings

ELEMENTARY DEFICIENCIES



STAFF SUPPORT

ELEMENTARY DEFICIENCIES

- No dedicated offices for itinerant support staff (OP/PT, Speech, Early intervention, mental health, etc.)
- No conference/meeting space.
- Administrative offices too small
- Faculty room too small for dining and planning/meetings



EDUCATIONAL

- Inadequate space and amenities for Tech Ed programs
- No common collaboration space
- Health Classroom undersized
- Library undersized (portion shared with Elementary)
- Science labs are outdated and undersized
- No outdoor learning space
- No space for supplemental learning support
- No sensory classroom or safe room
- No space for Emotional Support
- Life skills activity suite needed
- Classroom furniture does not align with educational delivery
- No weight/fitness room available for Phys. Ed., outdoor field space lacking

SECONDARY DEFICIENCIES



FUNCTIONAL

SECONDARY DEFICIENCIES

- Secondary students intermix with elementary students
- Elementary and Secondary use same STEM space
- Storage space inadequate
- SRO not centrally located
- Lacking adequate power for charging of devices and other needs
- Stage rigging outdated
- Toilet facility inadequate
- Lacking adequate space for cafeteria serving
- Cafeteria undersized
- Kitchen undersized and equipment outdated



STAFF SUPPORT

SECONDARY DEFICIENCIES

- No conference/meeting space
- Counselor Offices undersized
- Faculty room too small for dining and planning/meetings



OTHER DEFICIENCIES

ATHLETICS

- Wrestling room undersized
- Locker rooms at HS undersized
- Need individual showers
- No trainers room at High School
- Athletic amenities separate from Jr./Sr. High School
- Track surface inadequate
- No area for team meetings/film review
- HS Concessions undersized
- No ticket booth at HS or MAACC



MAINTENANCE/CUSTODIAL

- Space for deliveries/loading inadequate
- Custodial storage inadequate
- Maintenance and outdoor equipment storage inadequate



TRANSPORTATION

- Inadequate space for bus circulation
- Inadequate space for parent drop-off/pick-up (unsafe)
- Staff and event parking inadequate

TECHNOLOGY

- Not all classrooms have interactive teaching technology
- No dedicated closets for IT equipment/servers





Crabtree, Rohrbaugh & Associates
www.cra-architects.com