

Center Grove High School

Educational Specifications

Board Briefing #1

Baseline: Existing Needs

January 8, 2007

Agenda

- IDLGF – Academic Space Definition
- Existing Building Utilization
- Ed. Spec. Scenarios
 - **Baseline:**
Space Needs to Support Current Programs at Current Enrollment
 - **Baseline + Growth:**
Space Needs to Support Current Programs for 3431 Students
 - **SLC's + Growth:**
Space Needs for 3431 Students in Small Learning Communities
 - **Hybrid SLC's + Growth:**
Space Needs for 3431 Students in Interest Based Groupings
- Site Requirements

Definition: **Academic Space**

Academic Spaces

- Core Curriculum
 - Mathematics*
 - Science*
 - Social Science*
 - Language Arts*
 - Basic Physical Education*
 - Health & Safety*
 - Certain Directed Electives*
- Other Programs
 - Performing Arts*
 - Visual Arts*
 - CAD-CAM Technology*
 - Vocational Education*

Non-Academic Spaces

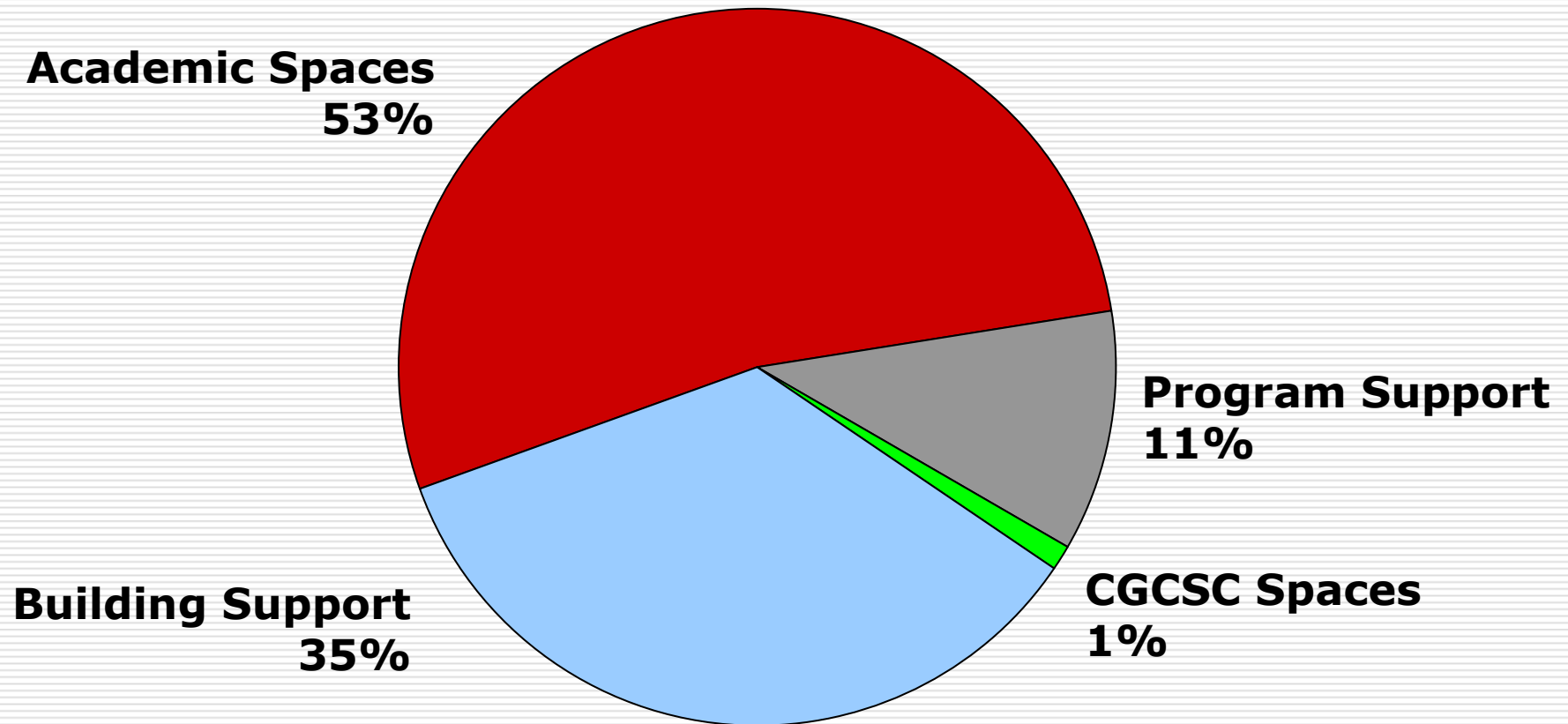
- Extra Curricular Activities
 - Athletics*
 - Extra-Curricular "Academic" Programs*
- Administrative
 - Offices*
 - Cafeteria*
- Building Support
 - Circulation*
 - Mechanical Spaces*
 - Rest Rooms*
 - Storage*

Existing High School

Distribution of Space

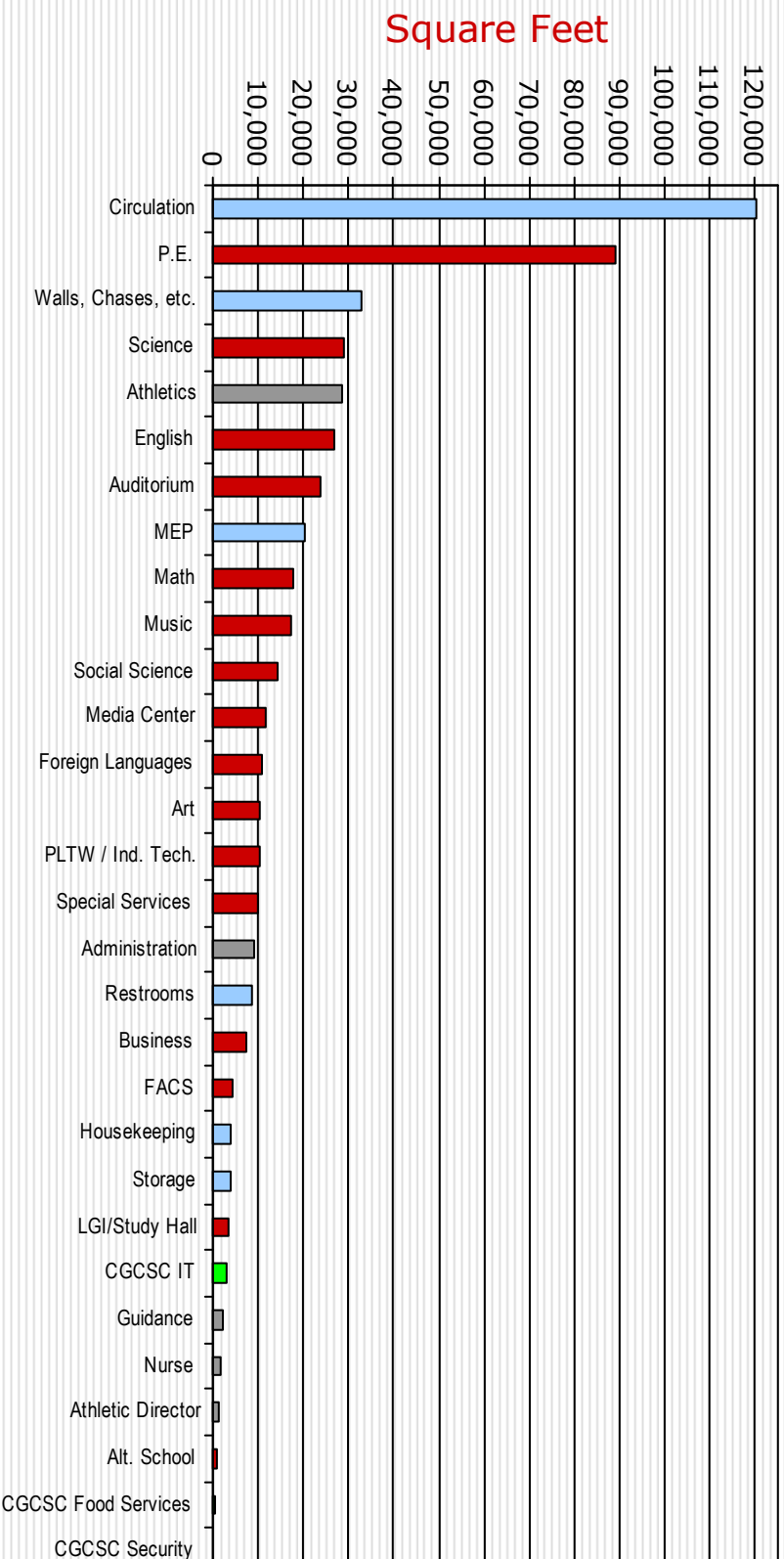
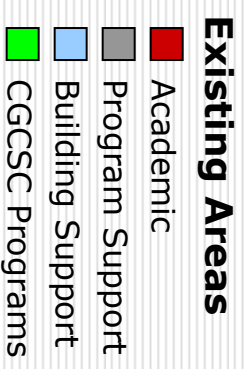
Existing Areas

- Academic
- Program Support
- Building Support
- CGCSC Programs



Existing Building Use

Summary: Assigned Areas

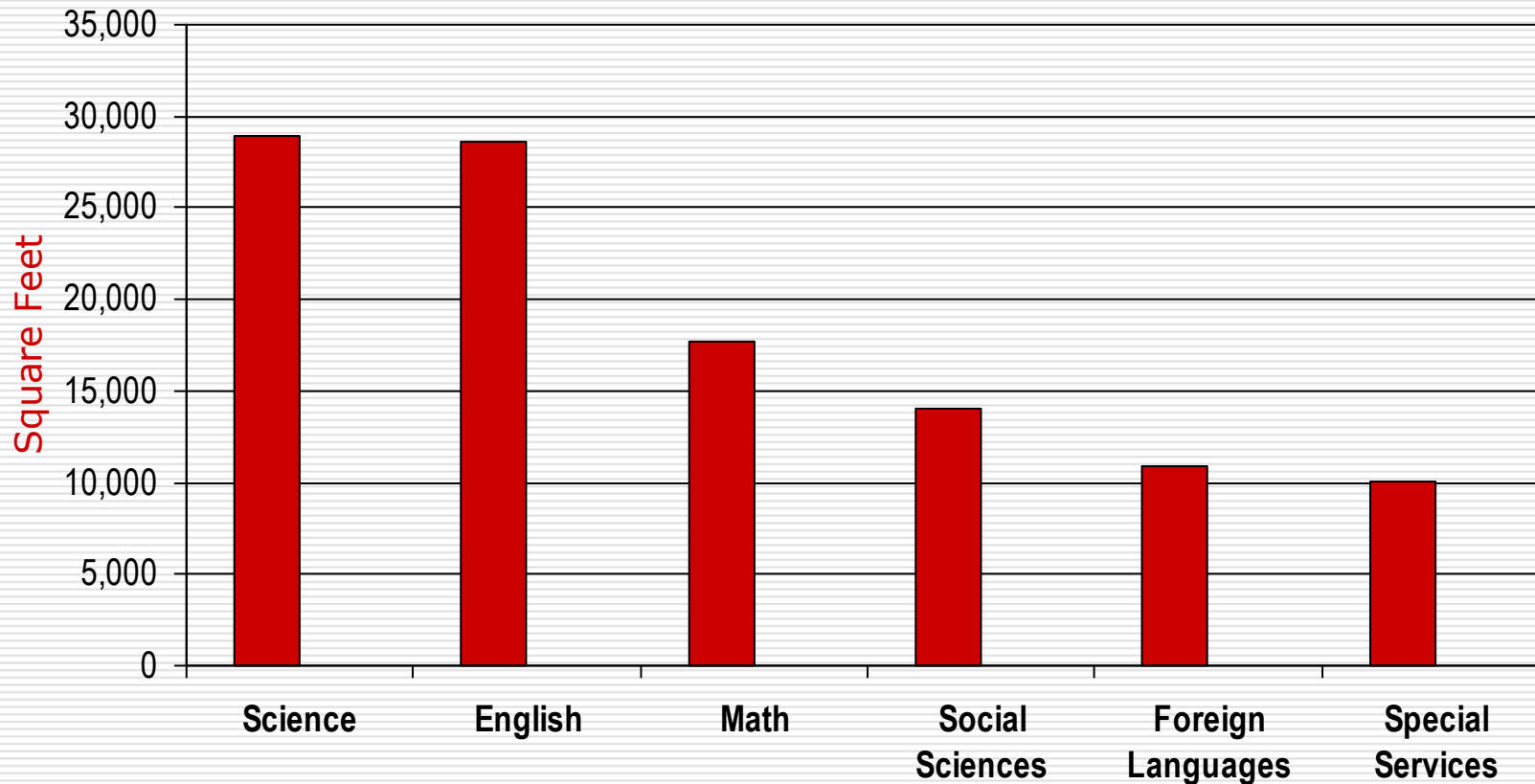


Existing Building Space Use

Core Academic Spaces

Existing Areas

- Academic
- Program Support
- Building Support
- CGCSC Programs

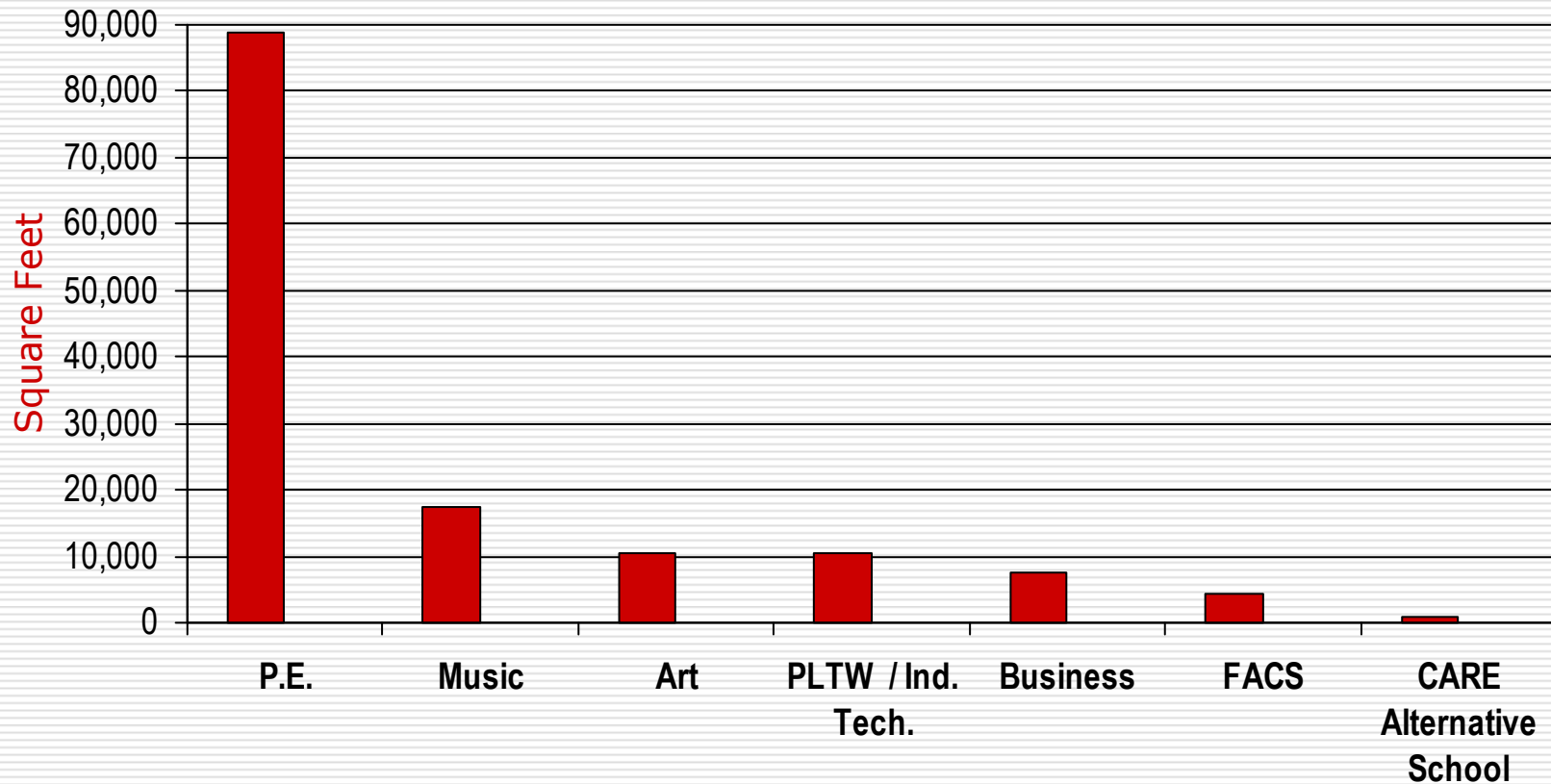


Existing Building Space Use

Other Academic Spaces

Existing Areas

- Academic
- Program Support
- Building Support
- CGCSC Programs

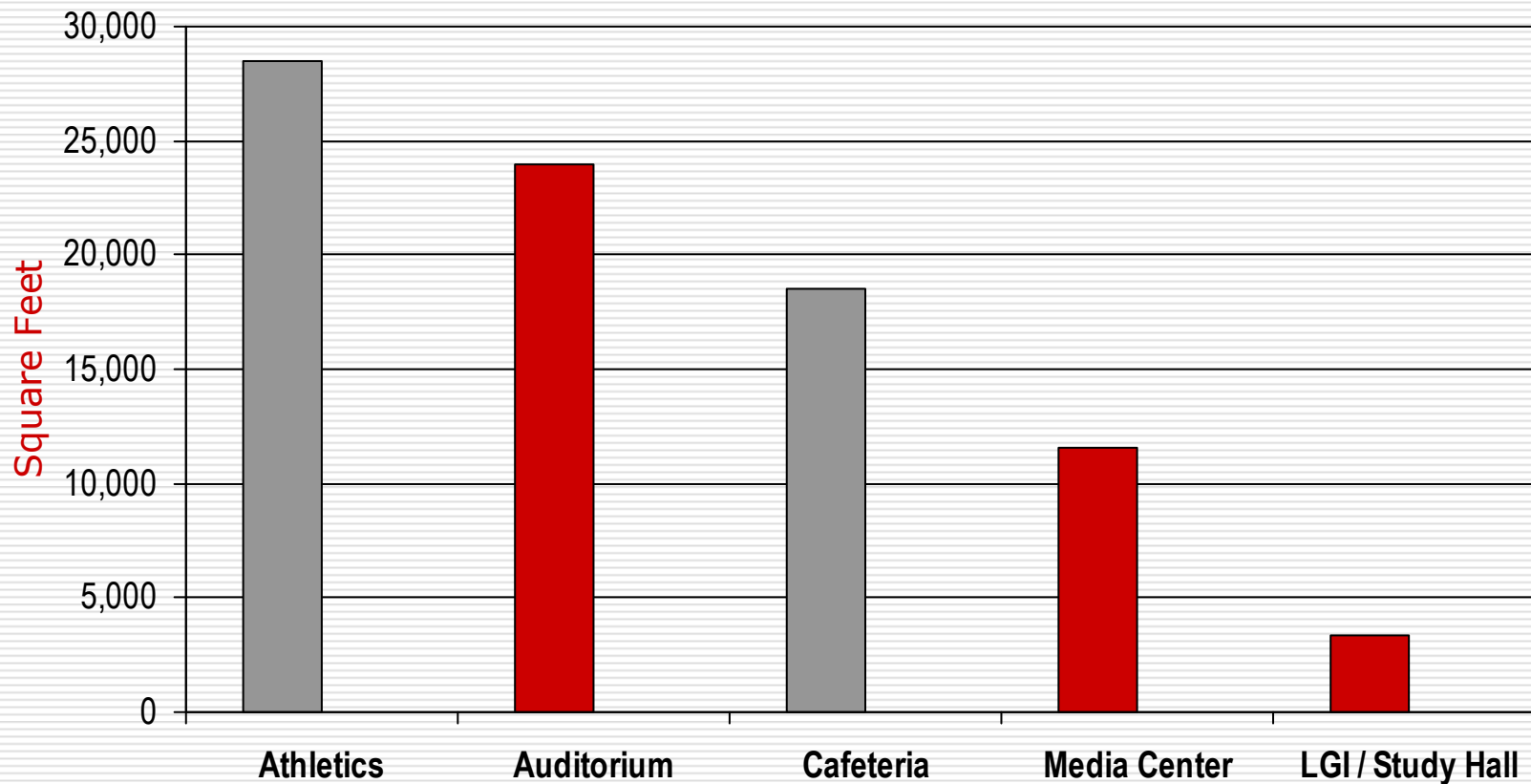


Existing Building Space Use

Program Support Spaces

Existing Areas

- Academic
- Program Support
- Building Support
- CGCSC Programs

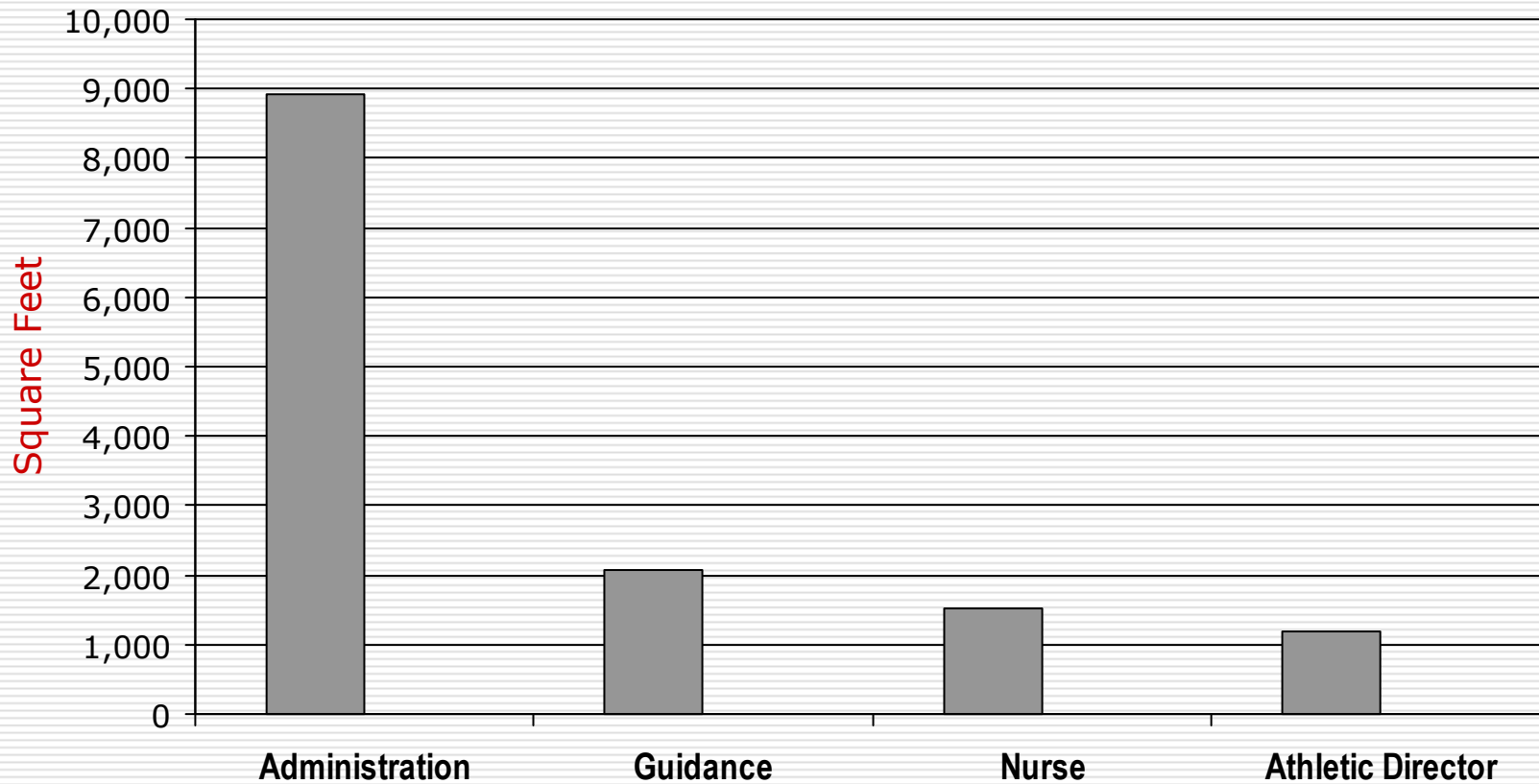


Existing Building Space Use

Administrative Spaces

Existing Areas

- Academic
- Program Support
- Building Support
- CGCSC Programs

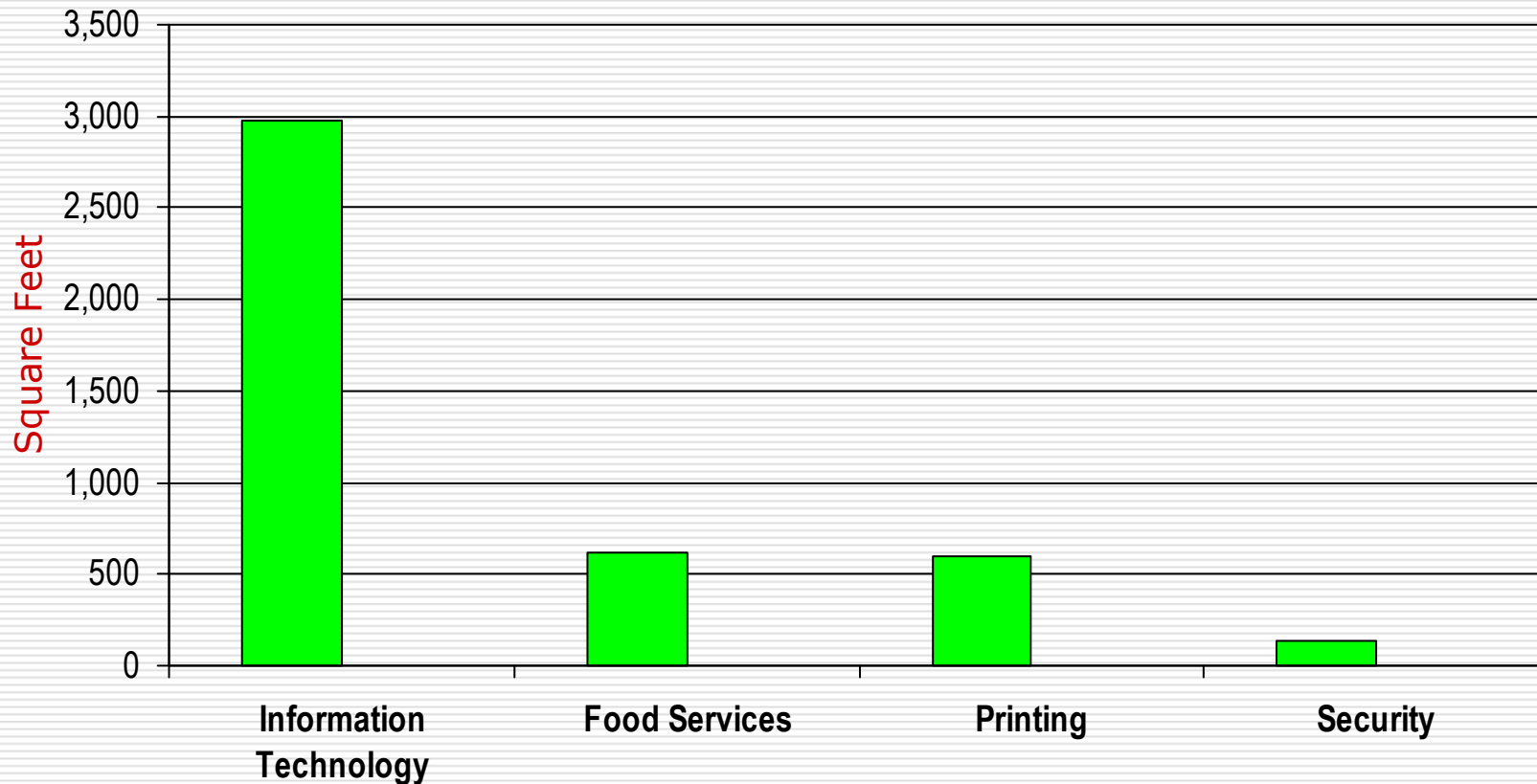


Existing Building Space Use

CGCSC Support Spaces

Existing Areas

- Academic
- Program Support
- Building Support
- CGCSC Programs

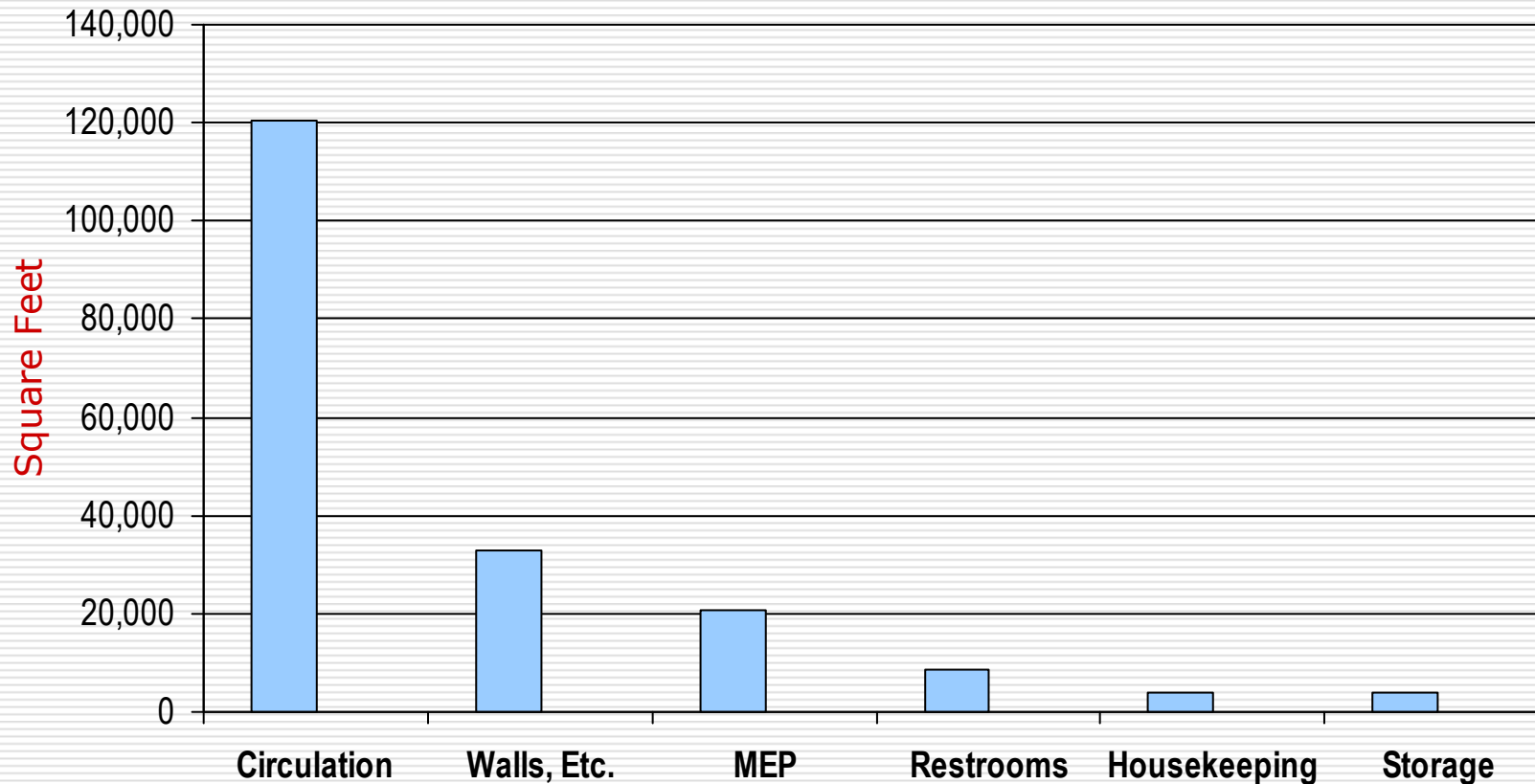


Existing Building Space Use

Building Support Spaces

Existing Areas

- Academic
- Program Support
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- CGCSC Programs



Current Facility Utilization

Revisiting the Boyd Study

Definitions: **Capacity**

□ Actual Capacity

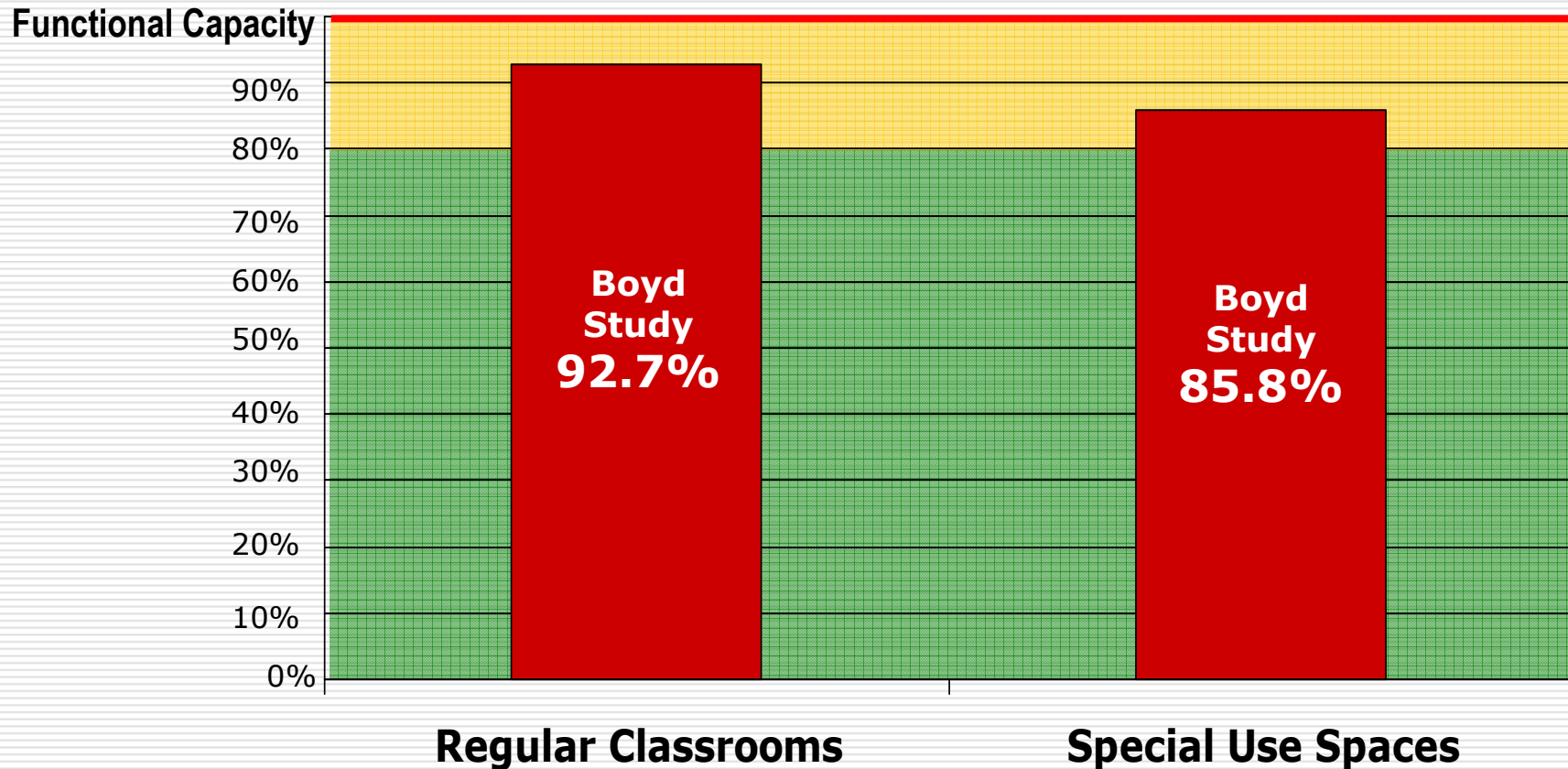
- Every Seat filled, Every Room, Every Period
- Theoretical value / Unattainable in practice

□ Functional Capacity

- Incorporates Utilization Factor for Prep periods and scheduling realities.
 - 75% for Regular Classrooms
 - 70% for Special Use Classrooms & Labs
- Scheduling/Capacity difficulties begin to occur at around 80% of Functional Capacity

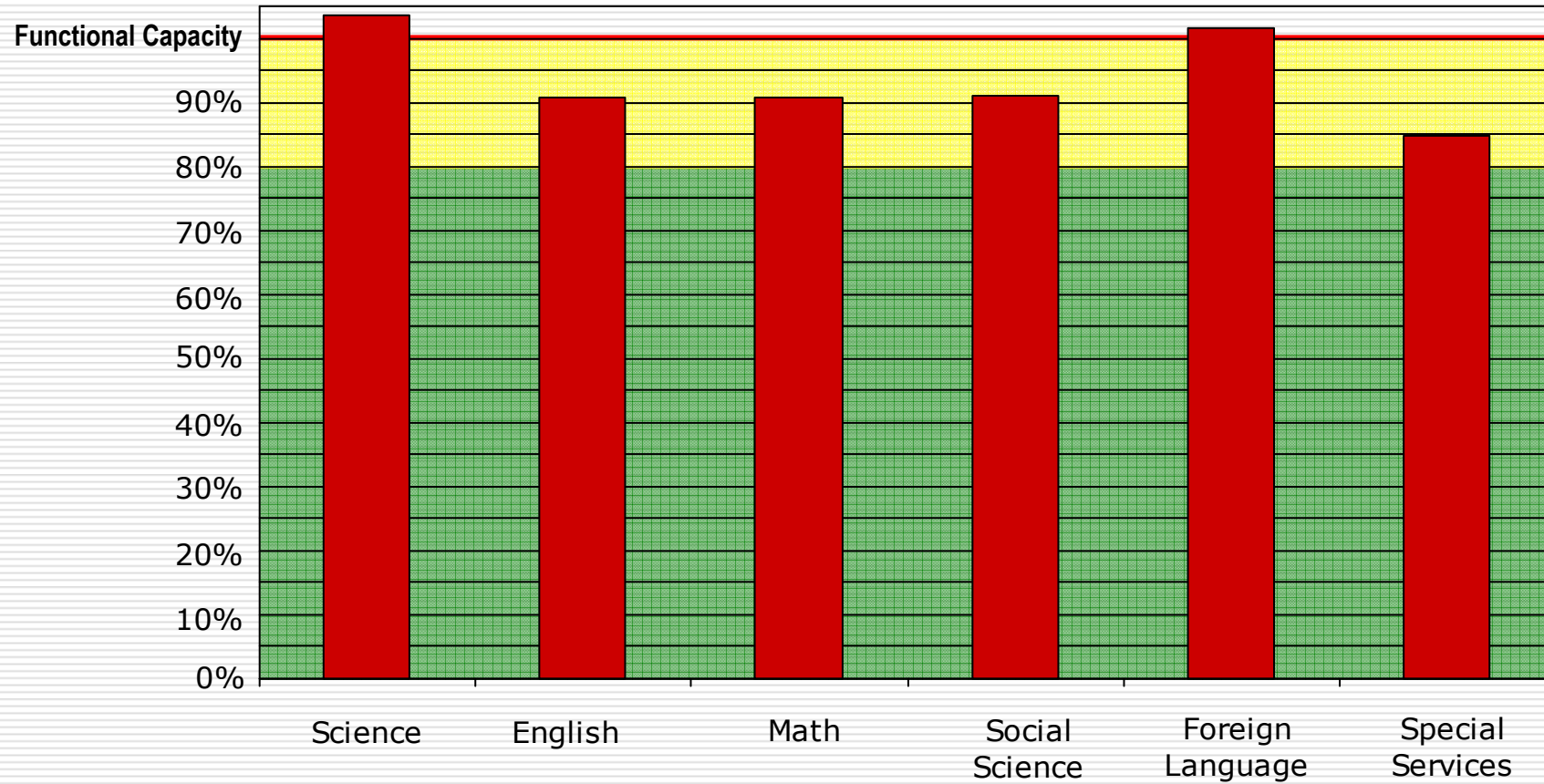
Existing Building Space Use

Classroom Utilization



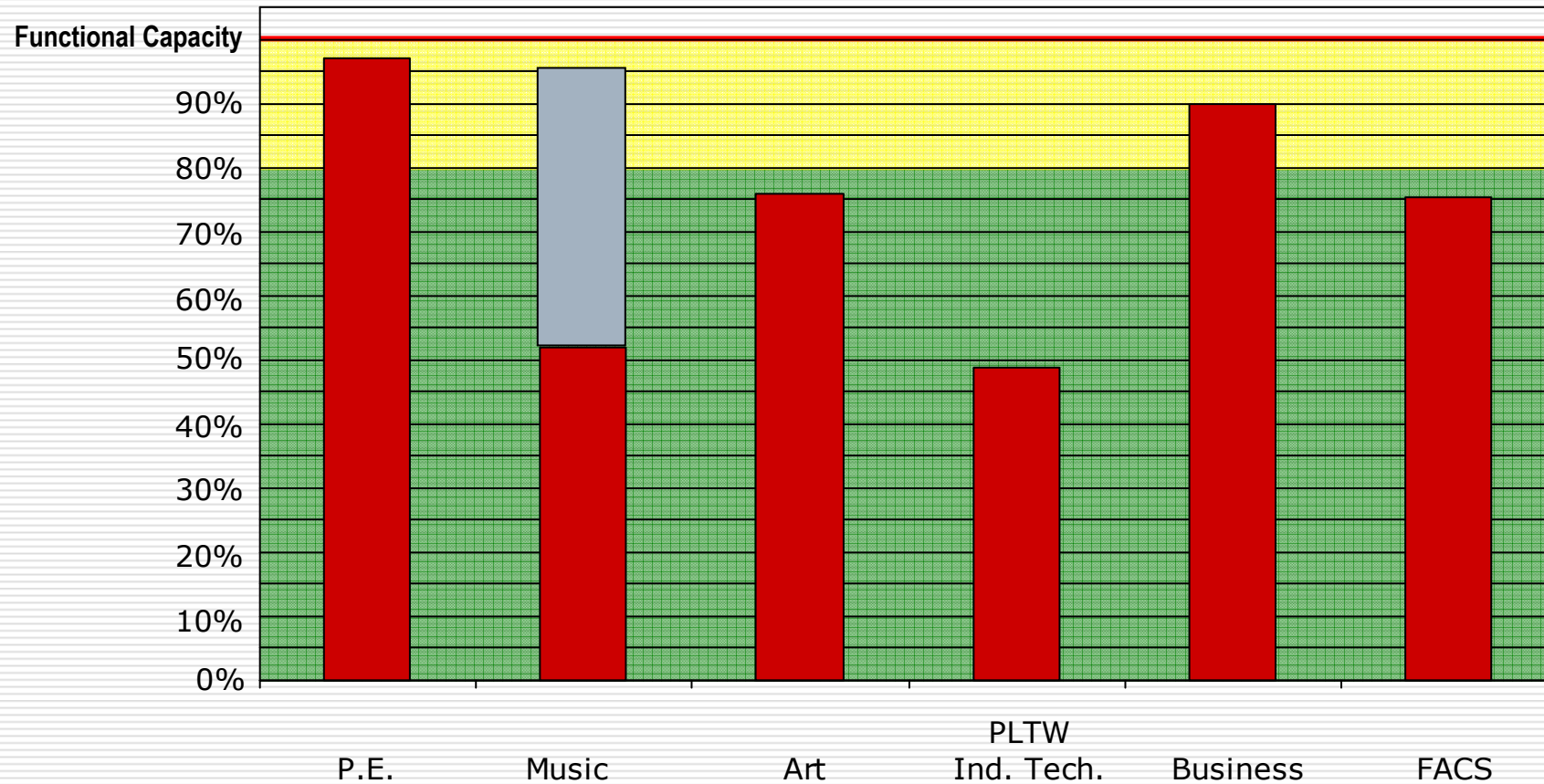
Existing Building Utilization (Boyd Study)

Core Academic Spaces



Existing Building Utilization (Boyd Study)

Other Academic Spaces



Other Boyd Study Findings

- For the High School to accommodate more students than the current enrollment at the Functional Capacity determined by this study:
 - Increase average class size.
 - Use classrooms for other additional classes during teacher prep periods.
 - Decrease number of Special Services classrooms – reuse them as general classrooms.
 - Increase the number of instructional areas available to the school.

Other Boyd Study Findings

- “Center Grove High School likely will exceed its student enrollment capacity in the very near future if student population growth continues.”
- “Clearly space for a growing high school population will be a major consideration for the school corporation in the short term future.”

Ed. Spec. Scenario #1

Baseline:

Space Needs
to Support Existing Programs
at **Current Enrollment**

Assumptions

- Focus on Current Academic Need
 - Save “Wish List Items” for Growth scenarios
- Keep Departmental Structure
 - Add Space for any department operating at or over functional capacity
 - Base space needs on IDOE Minimum Guidelines (*i.e.* 900 sq. ft. classrooms)

Baseline Ed. Spec. Space Summary

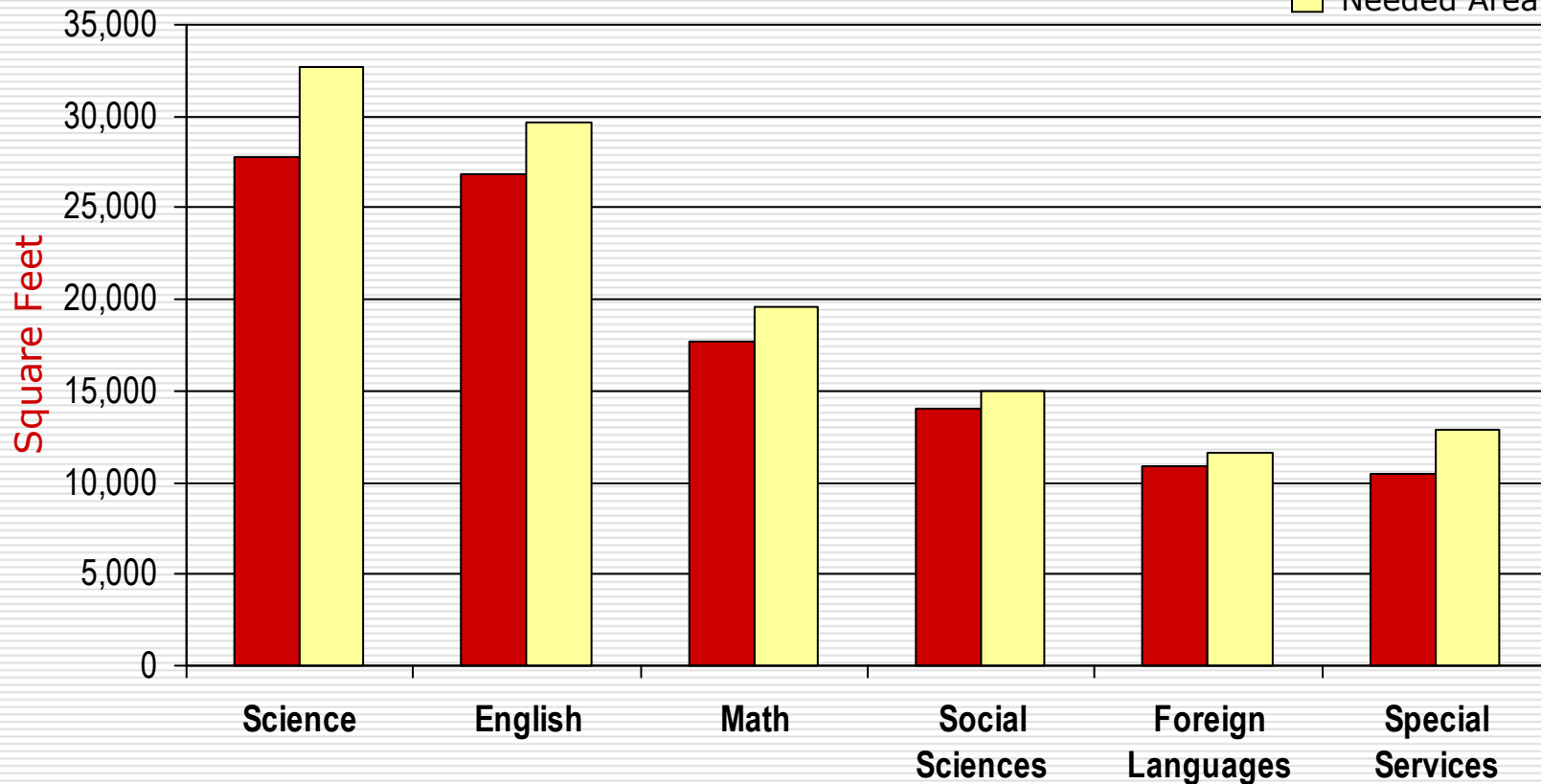
Core Academic Spaces

Existing Areas

- Academic
- Program Support
- Building Support
- CGCSC Programs

Baseline

- Needed Area



Baseline Ed. Spec. Space Summary

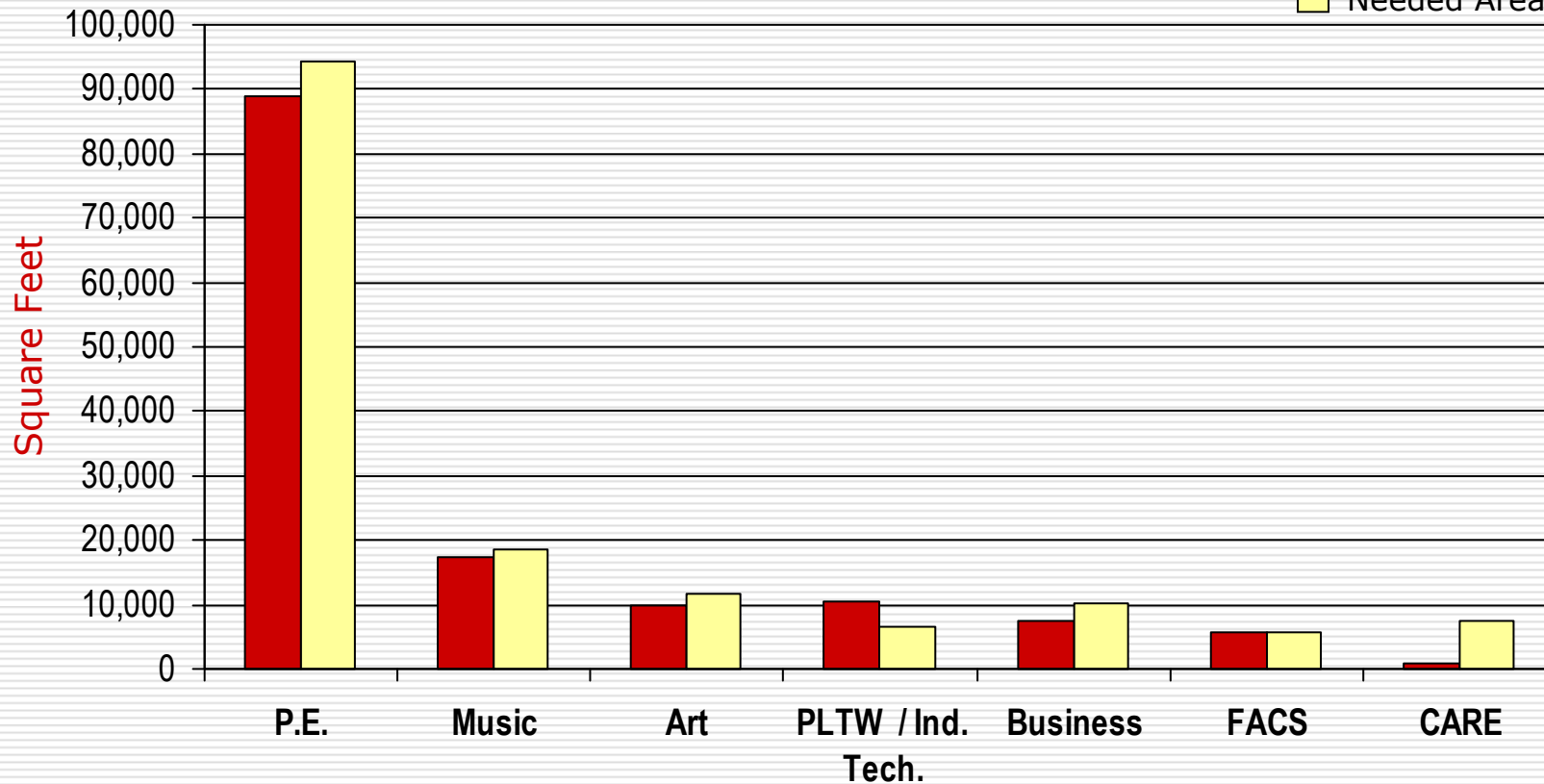
Other Academic Spaces

Existing Areas

- Academic
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Baseline

- Needed Area



Baseline Ed. Spec. Summary

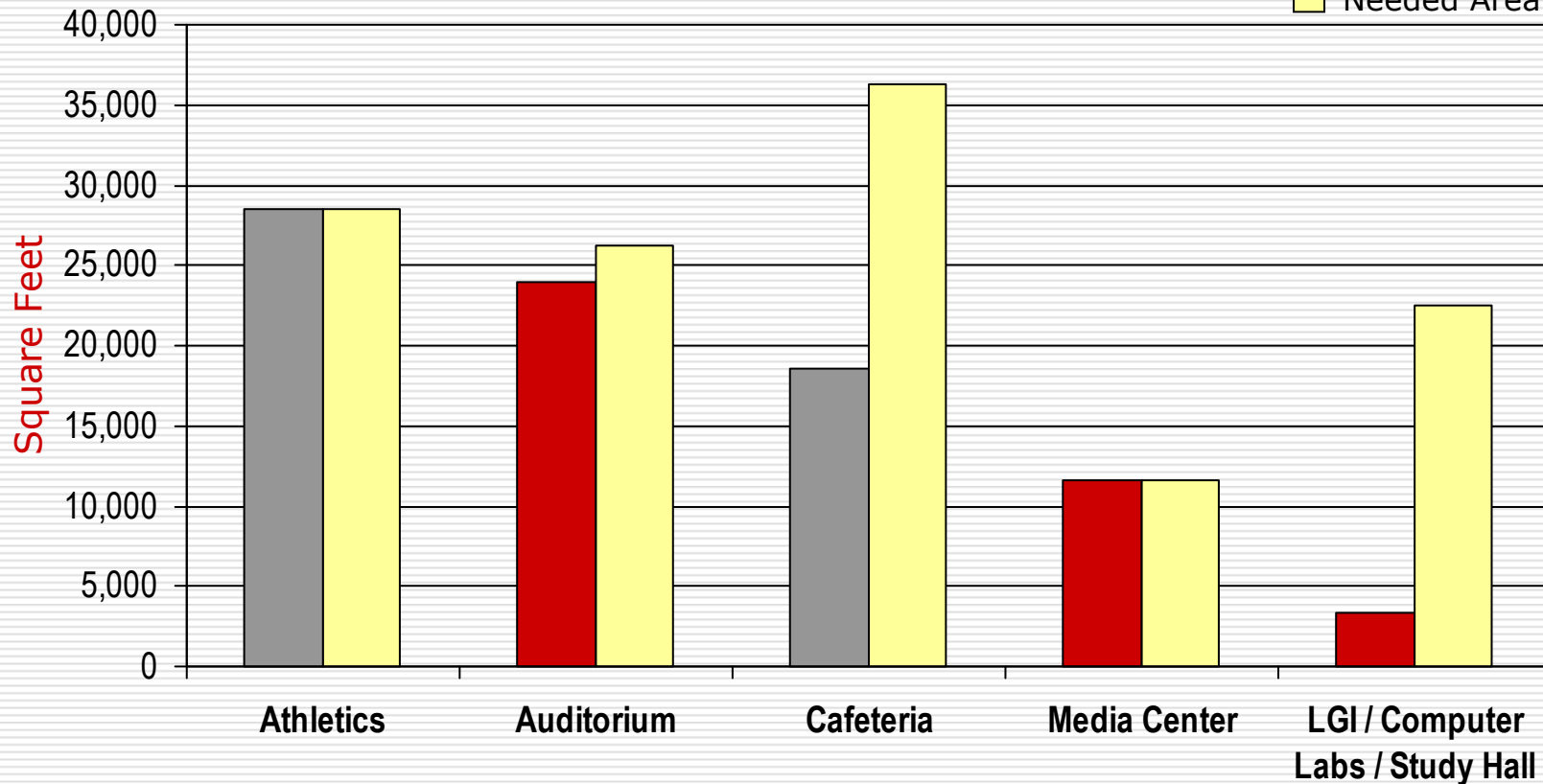
Program Support Spaces

Existing Areas

- Academic
- Program Support
- Building Support
- CGCSC Programs

Baseline

- Needed Area



Baseline Ed. Spec. Summary

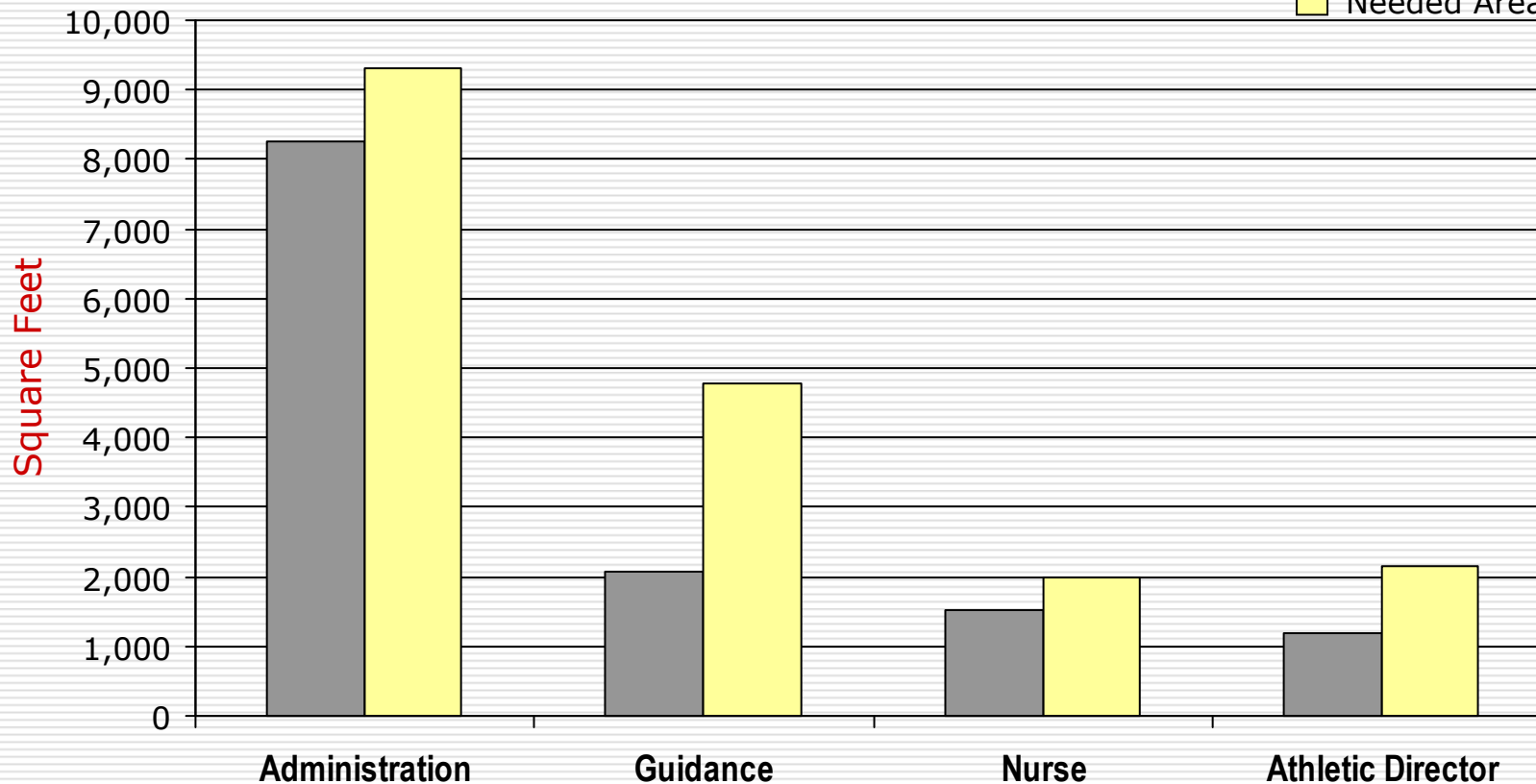
Administrative Spaces

Existing Areas

- Academic
- Program Support
- Building Support
- CGCSC Programs

Baseline

- Needed Area



Existing Building Space Use

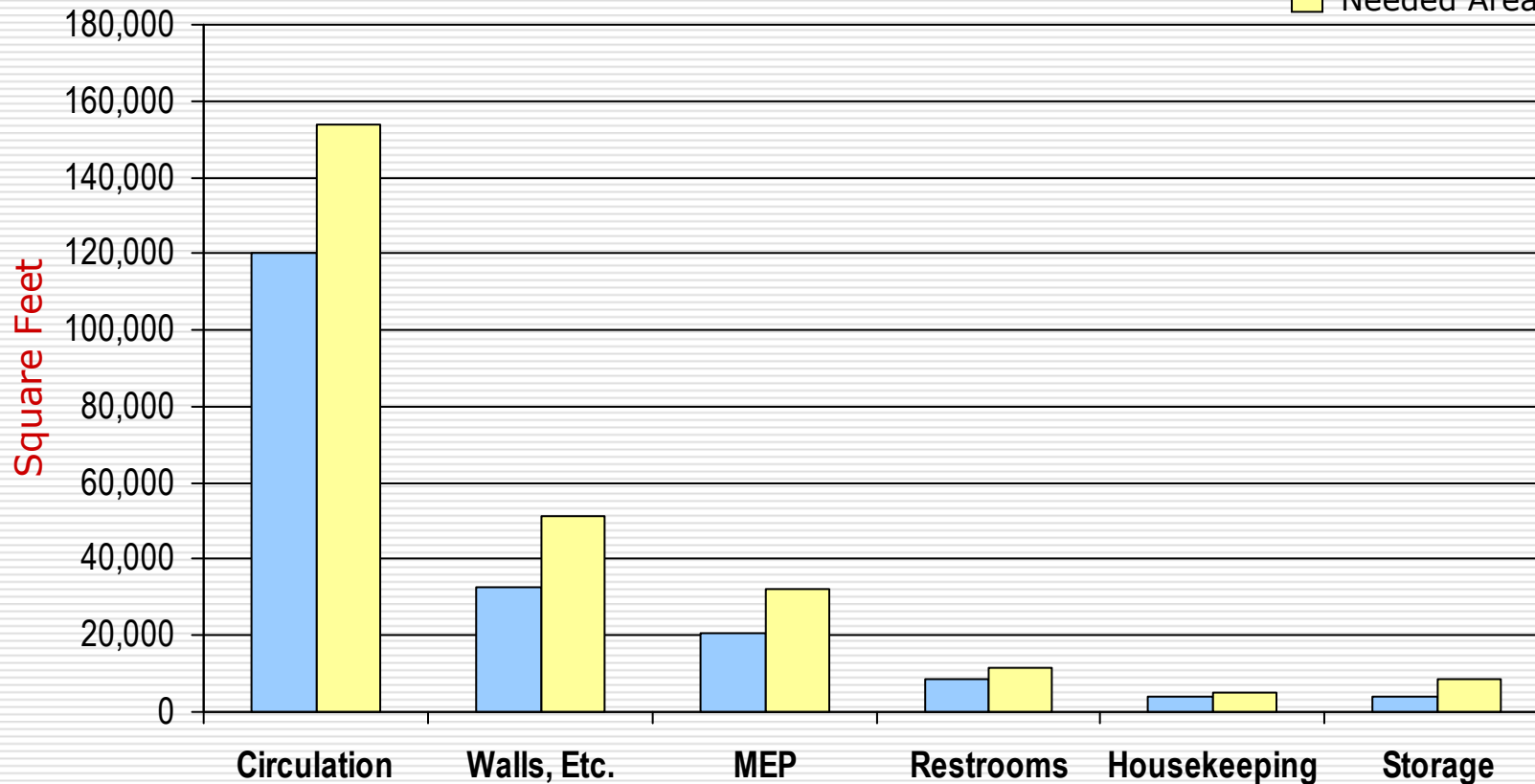
Building Support Spaces

Existing Areas

- Academic
- Program Support
- Building Support
- CGCSC Programs

Baseline

- Needed Area

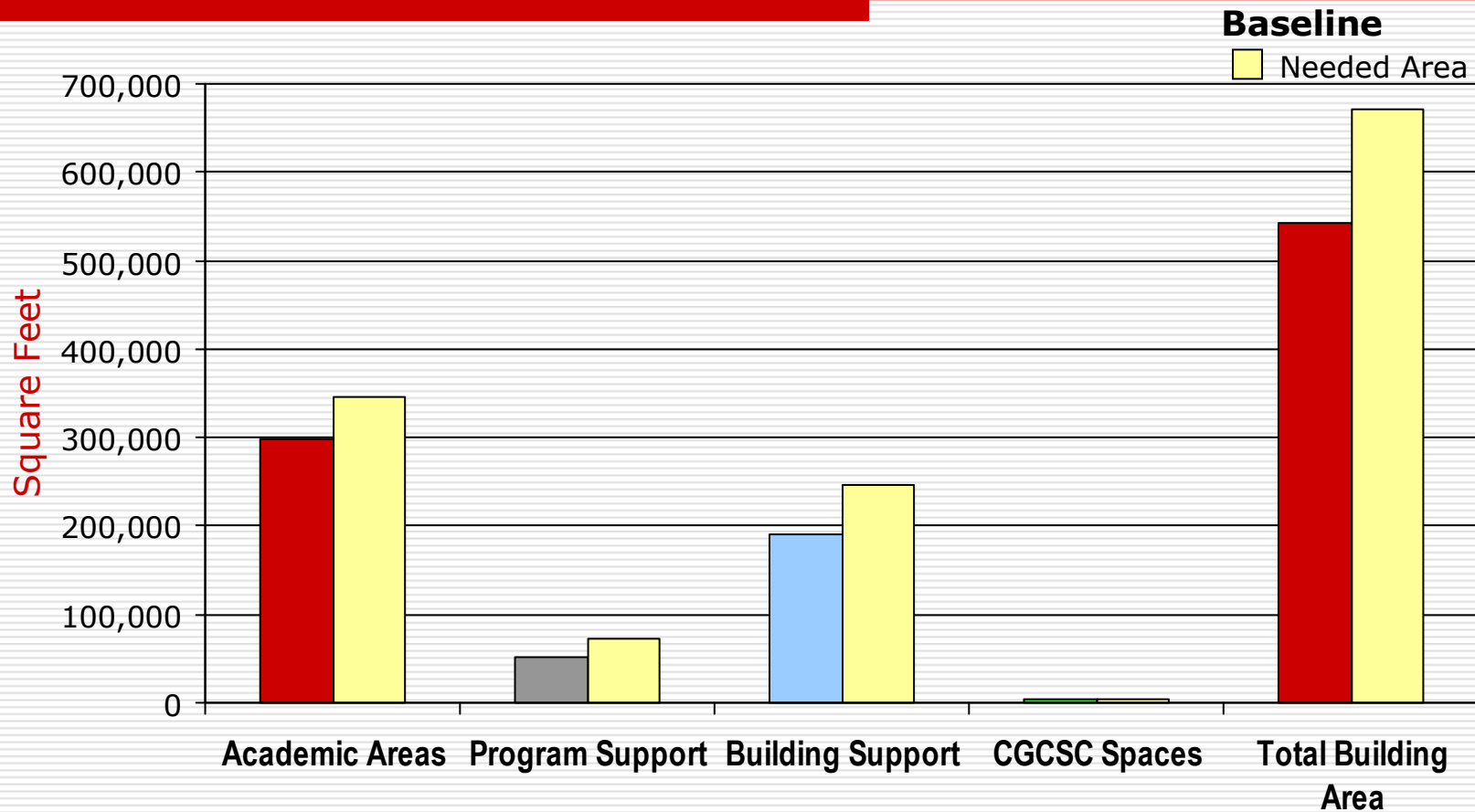


Baseline Ed. Spec. Summary

Gross Building Area

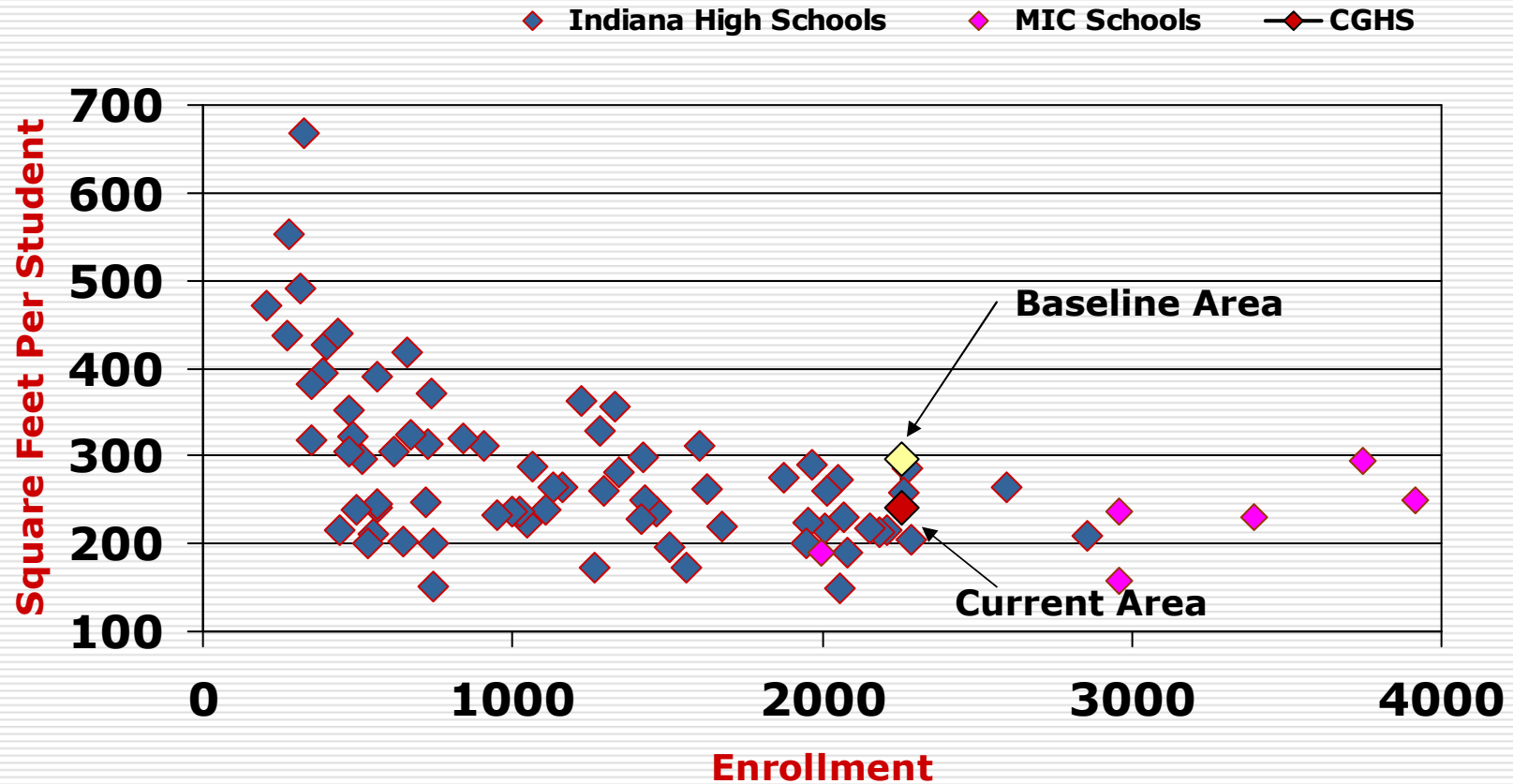
Existing Areas

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Benchmark:

Square Feet Per Student



Comparable Indiana High Schools

Square Feet per Student

Plainfield High School <i>Plainfield</i>	363 sq. ft./student
New Franklin Community High School <i>Franklin</i>	313 sq. ft./student
Fishers High School <i>Hamilton Southeastern</i>	299 sq. ft./student
Center Grove High School <i>Greenwood</i> (Baseline)	297 sq. ft./student
Avon High School <i>Avon</i>	297 sq. ft./student
Brownsburg High School <i>Brownsburg</i>	291 sq. ft./student
Shelbyville High School <i>Shelbyville</i>	288 sq. ft./student
Lebanon High School <i>Lebanon</i>	273 sq. ft./student
Noblesville High School <i>Noblesville</i>	271 sq. ft./student
Carmel High School <i>Carmel</i>	249 sq. ft./student
Center Grove High School <i>Greenwood</i> (Current)	241 sq. ft./student
Valparaiso High School <i>Valparaiso</i>	235 sq. ft./student
Lake Central High School <i>St. John</i>	234 sq. ft./student

Summary: **Baseline**

- All but one department need more space
 - To provide for current programs
 - To provide for current enrollment

- The combined need for all programs:
 - **± 126,000 square feet**

- Next briefing will cover:
 - Space needs for projected enrollment growth
 - Space needs for anticipated re-design models

Questions?

Thank You.