

Staff Recommendation For A New Magnet High School

Growth and Planning Department

December 10, 2008

Staff utilized the data in the following table and attached maps to analyze the need for and feasibility of a new magnet program to be phased in over the next several years.

	Enloe	Broughton	Millbrook	Athens	Knightdale
Number of Base Students Within A Five Mile Ring	809	1,490	2,068	1,452	1,403
Number of Low-Income Students Within Five Miles	3,244	2,557	1,981	1,367	910
Number and Percentage of Current Magnet Students Within a 12 mile ring	1,290 (75%)	621 (95%)	NA	NA	NA
Number of High School Students Within 12 Miles	24,907	29,311	24,105	30,113	18,172

Based upon this data, staff recommends that a new magnet program be introduced at Millbrook High School. The reasons for this recommendation are:

- A significant percentage of the potential base population for Millbrook High School comes from low-income families.
- Millbrook is located such that magnet applicants could be recruited from a large portion of the county, including the base areas for Leesville High, Wakefield High, Wake Forest-Rolesville High, Heritage High, and the new H6 High—all within a 12 mile radius of the school.
- Millbrook's existing base population can be easily reduced by 600-800 students in 2010 when Heritage High and H6 High open.
- Much of Millbrook's base area is fully developed and future residential growth is unlikely to restrict the availability of potential magnet seats at the school.

The reasons why staff did not recommend other schools are as follows:

Athens

- A large portion of the potential area for recruitment of high school students for a magnet program at Athens will lead to competition with Garner High School for applicants.
- While Athens is currently operating at only 91% of capacity, we would not be able to create additional space for magnet students at the school until H7 high school opens in the western part of the county.

Knightdale

- While Knightdale High currently serves a larger percentage of students from low-income families than the average WCPSS high school, it does not have as many students from low-income families within five miles of the school as other schools.
- While the opening of Heritage High and H6 High create an opportunity to significantly reduce the Knightdale High existing base area, Knightdale serves an area of the county in which large housing developments have been approved and future residential growth in the base would restrict the availability of magnet seats over time.
- The Leesville High and western portions of the Wakefield High base areas are beyond the 12 mile ring from which most magnet applicants are likely to be attracted.

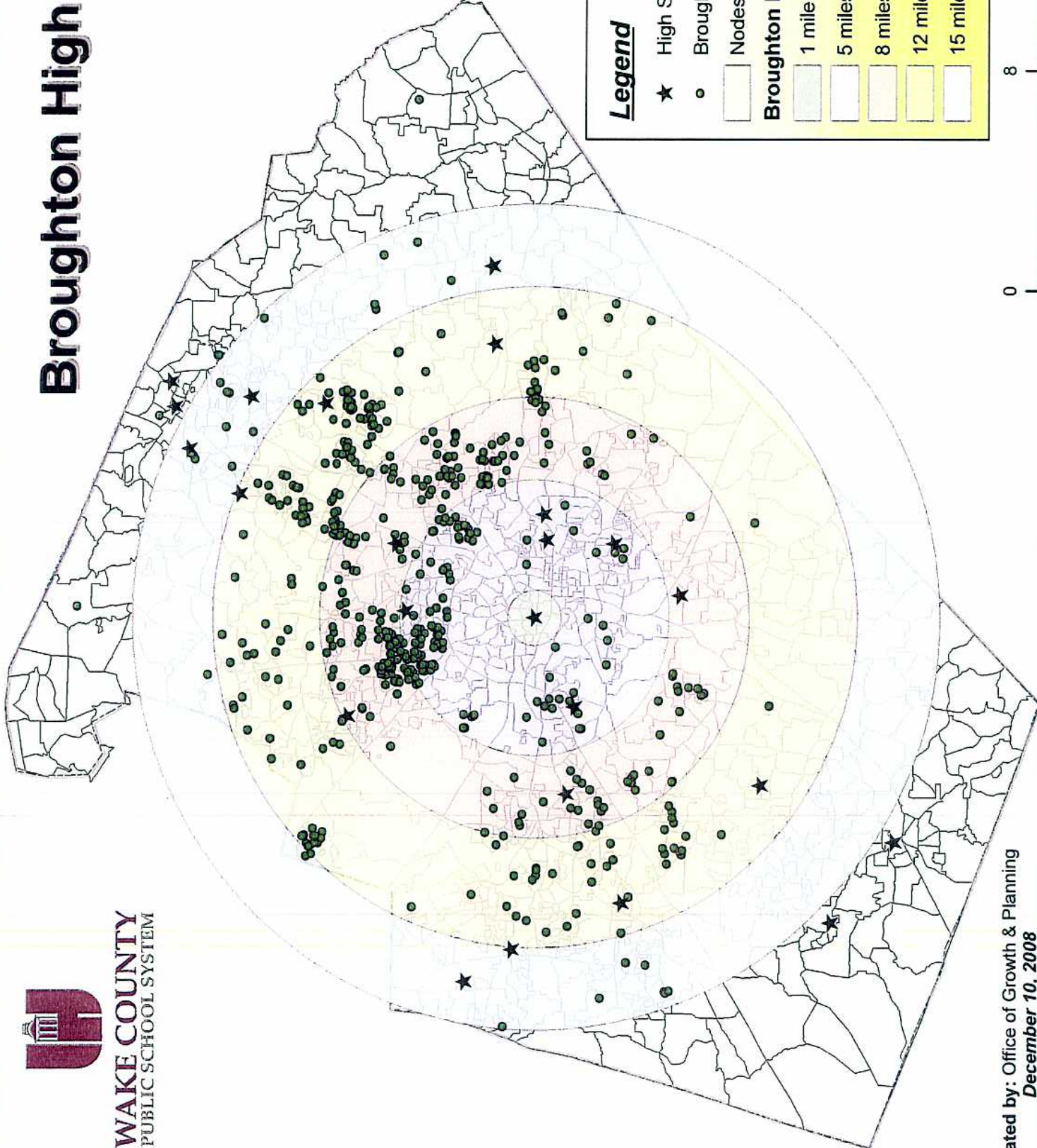
A New High School: Heritage or H6

- While starting a new program at a new high school would be easiest in regard to staff training, curriculum design, and starting with plenty of space for magnet applicants, the projected growth in the areas around Heritage High and H6 would create pressure to reduce magnet participation over time.
- Neither school will have large numbers of students from low-income families near the school to provide an appropriate magnet base.



WAKE COUNTY
PUBLIC SCHOOL SYSTEM

Broughton High School



Legend

- ★ High Schools
- Broughton Magnet Students
- Nodes

Broughton Buffer

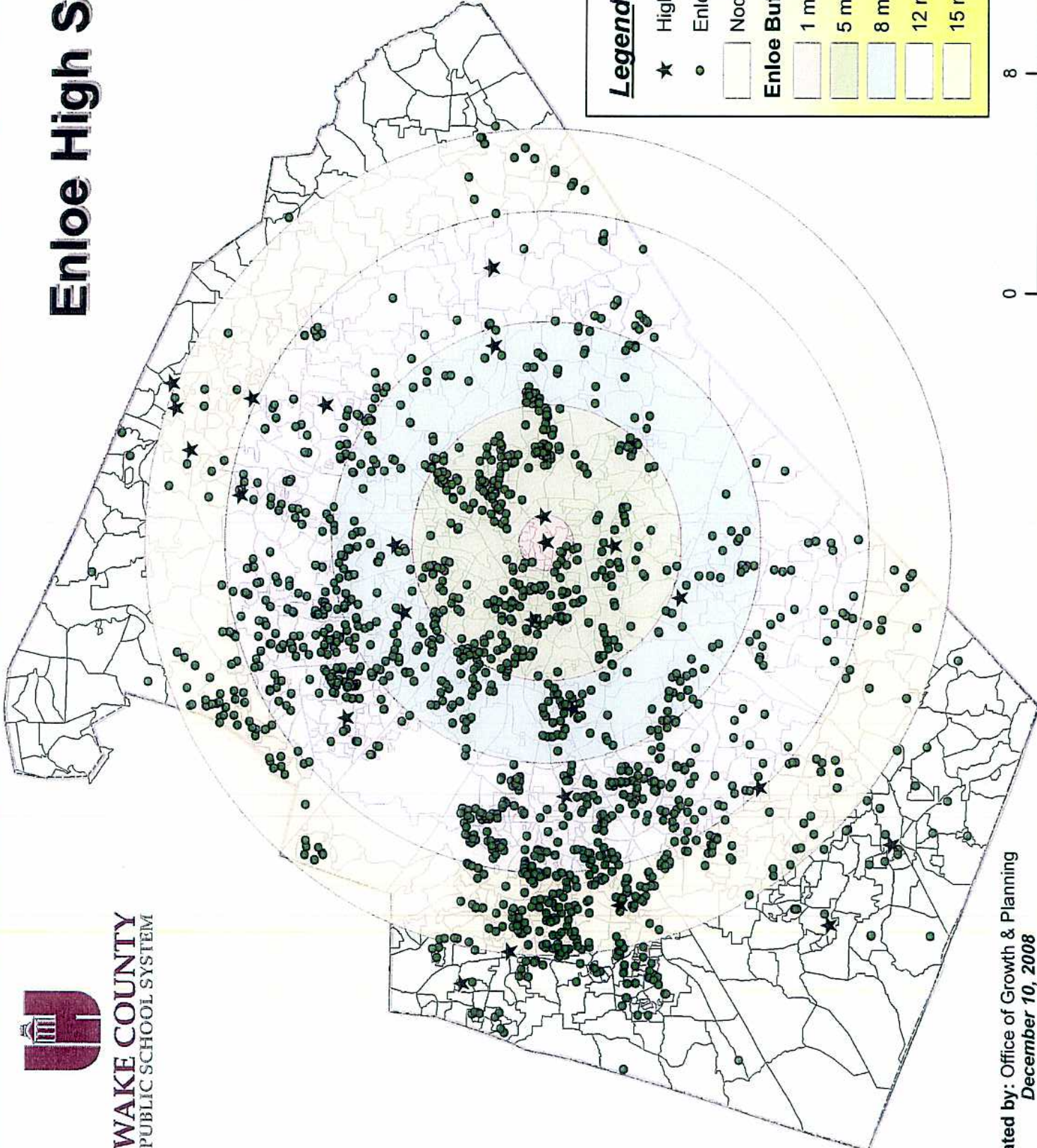
- 1 mile
- 5 miles
- 8 miles
- 12 miles
- 15 miles





WAKE COUNTY
PUBLIC SCHOOL SYSTEM

Enloe High School



Legend

- ★ High Schools
- Enloe Magnet Students
- Nodes
- Enloe Buffer**
- 1 mile
- 5 miles
- 8 miles
- 12 miles
- 15 miles

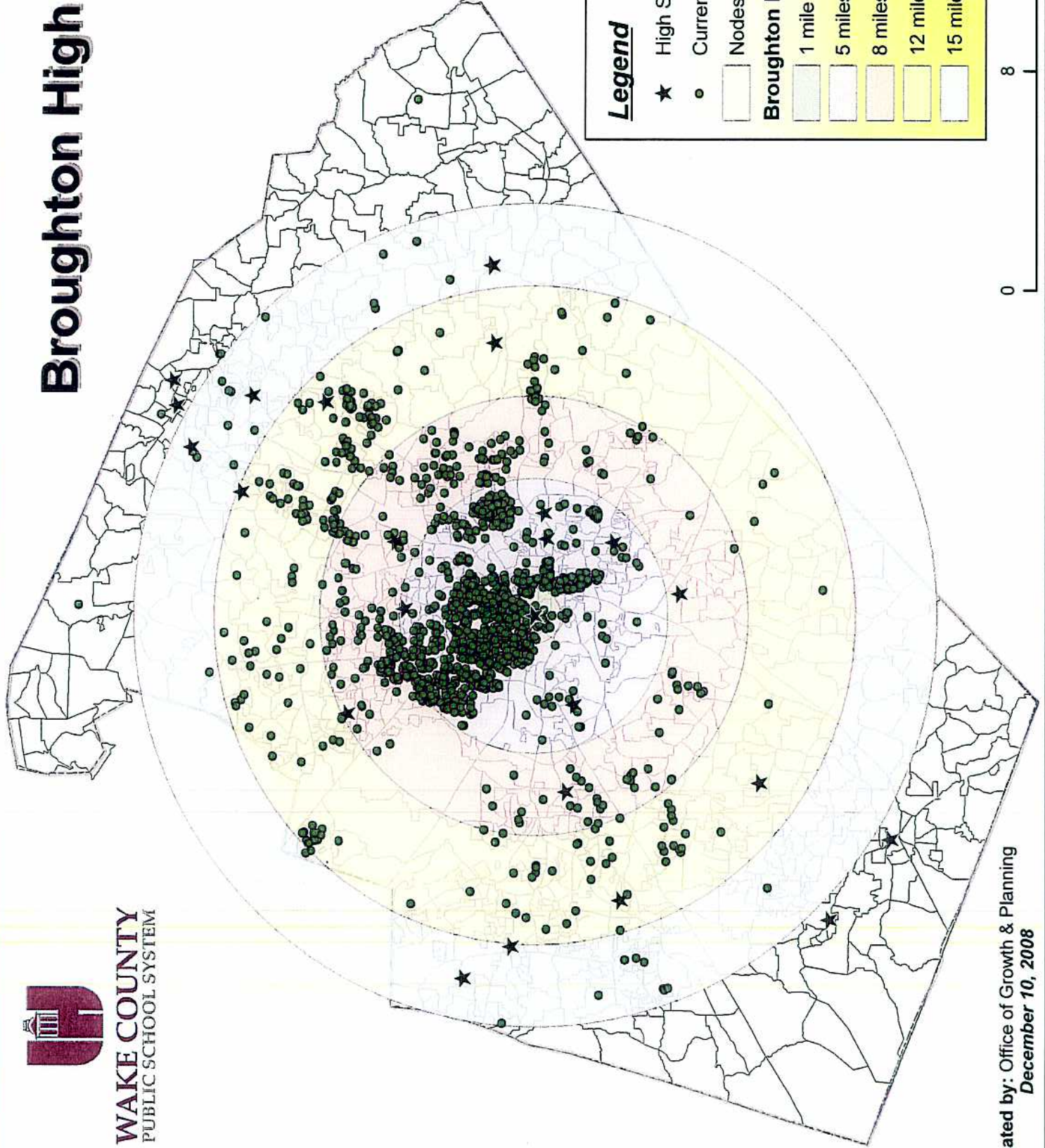
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WAKE COUNTY
PUBLIC SCHOOL SYSTEM

Broughton High School



Legend

- ★ High Schools
- Current Broughton Students
- Nodes

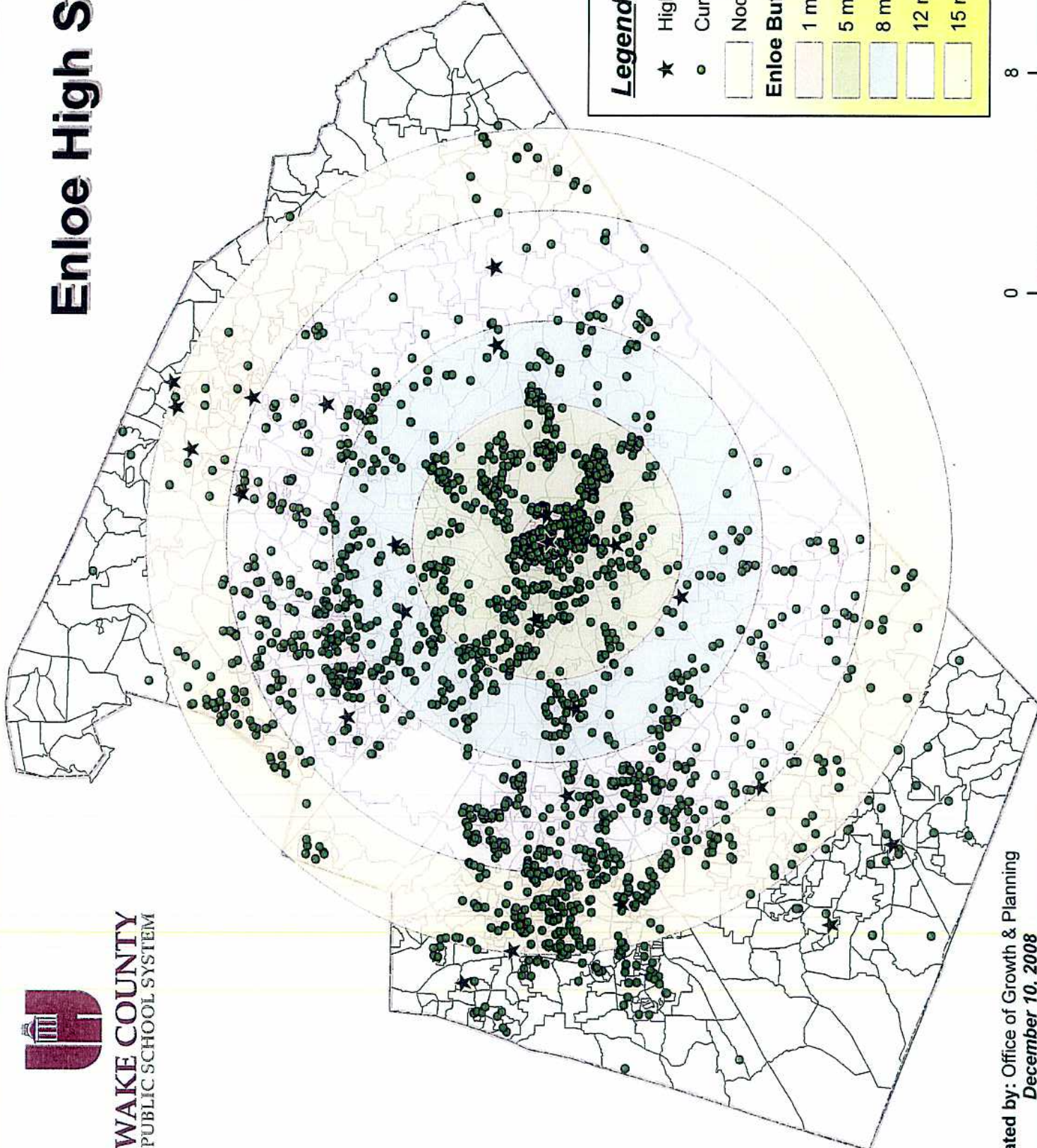
Broughton Buffer

- 1 mile
- 5 miles
- 8 miles
- 12 miles
- 15 miles



WAKE COUNTY
PUBLIC SCHOOL SYSTEM

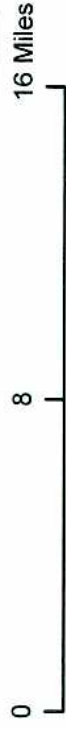
Enloe High School



Legend

- ★ High Schools
 - Current Enloe Students
 - Nodes
- Enloe Buffer**
- 1 mile
 - 5 miles
 - 8 miles
 - 12 miles
 - 15 miles

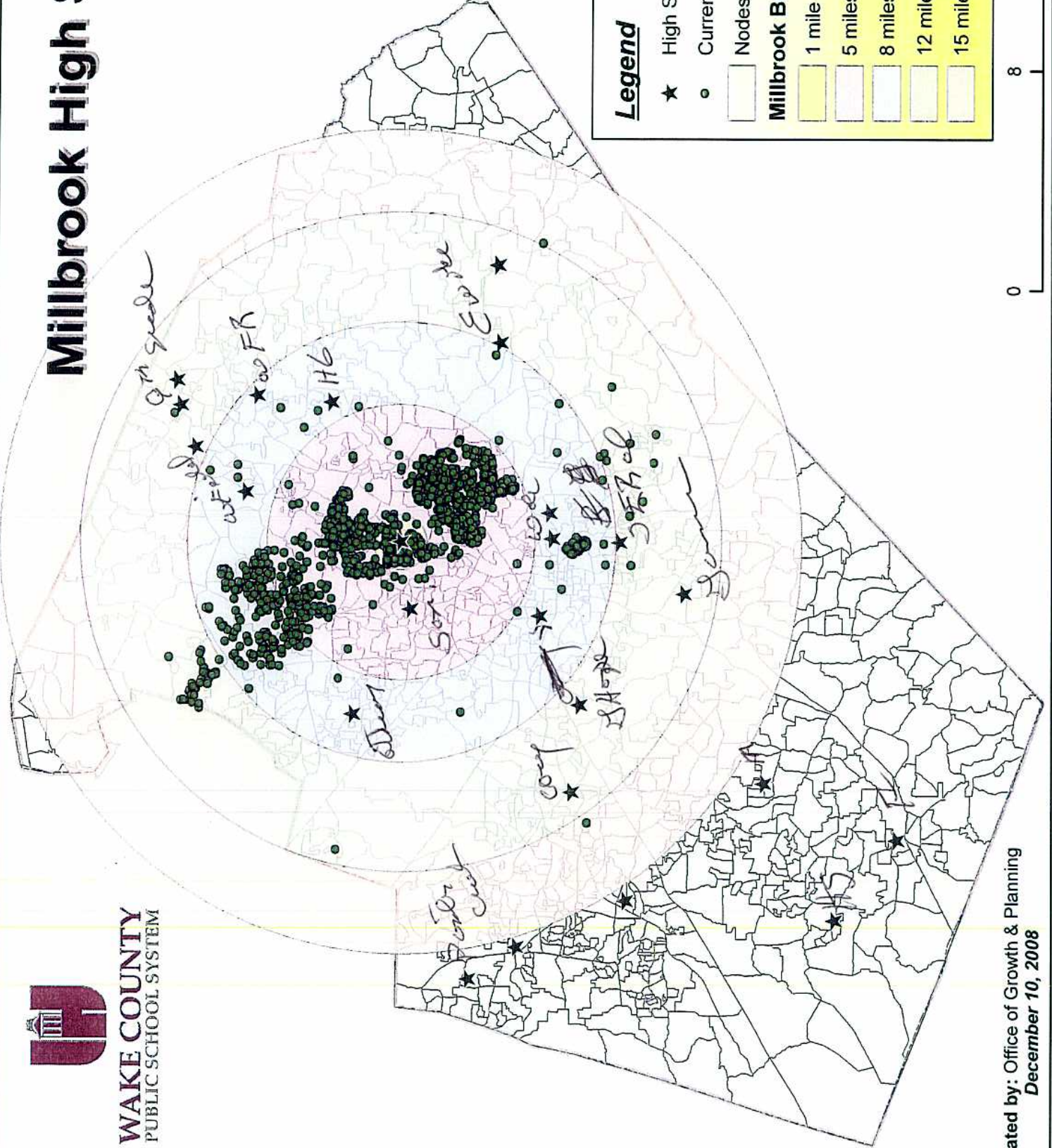
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WAKE COUNTY
PUBLIC SCHOOL SYSTEM

Millbrook High School



Legend

- ★ High Schools
- Current Millbrook Students
- Nodes

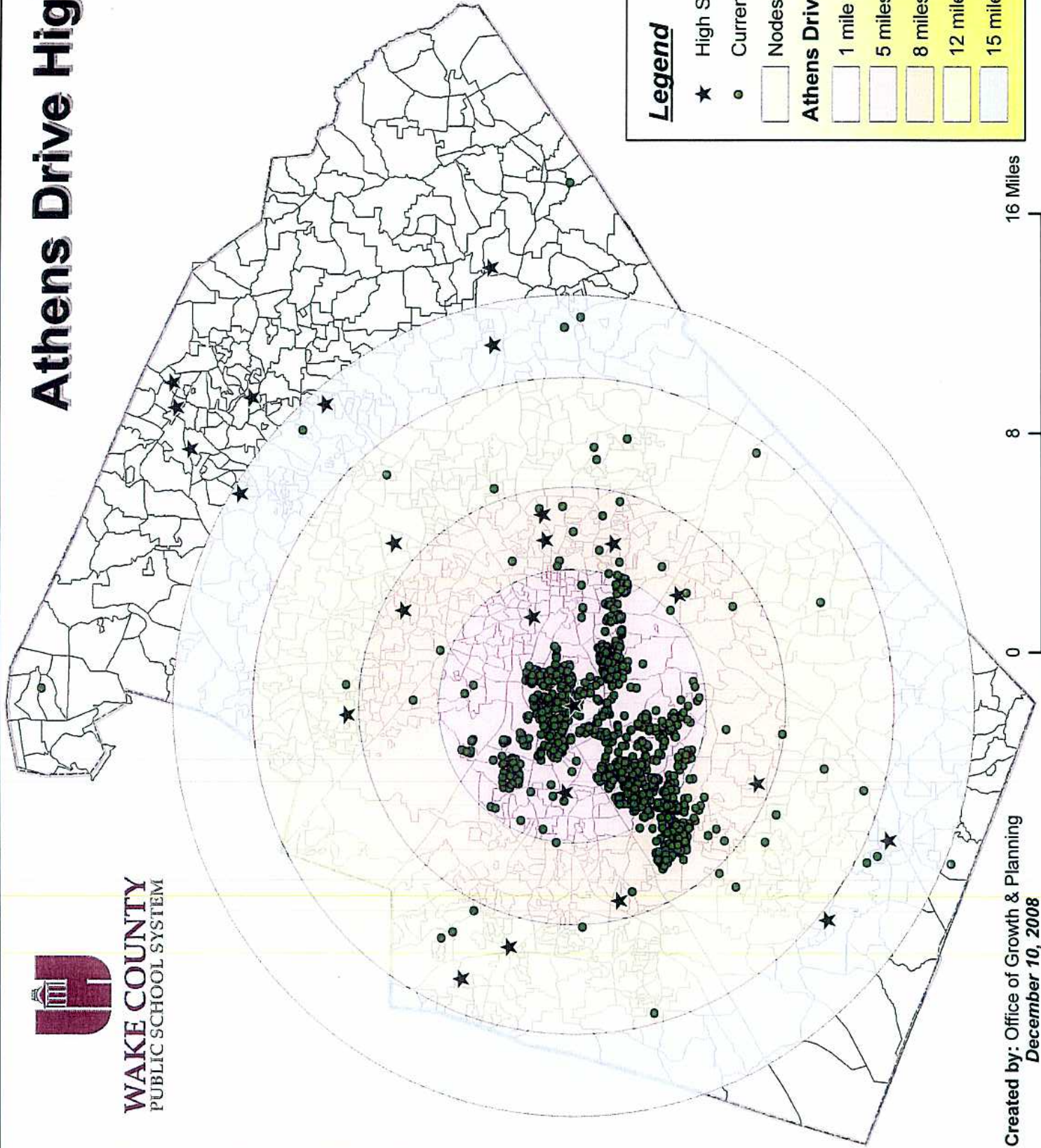
Millbrook Buffer

- 1 mile
- 5 miles
- 8 miles
- 12 miles
- 15 miles

Athens Drive High School



WAKE COUNTY
PUBLIC SCHOOL SYSTEM



Legend

- ★ High Schools
- Current Athens Drive Students
- Nodes

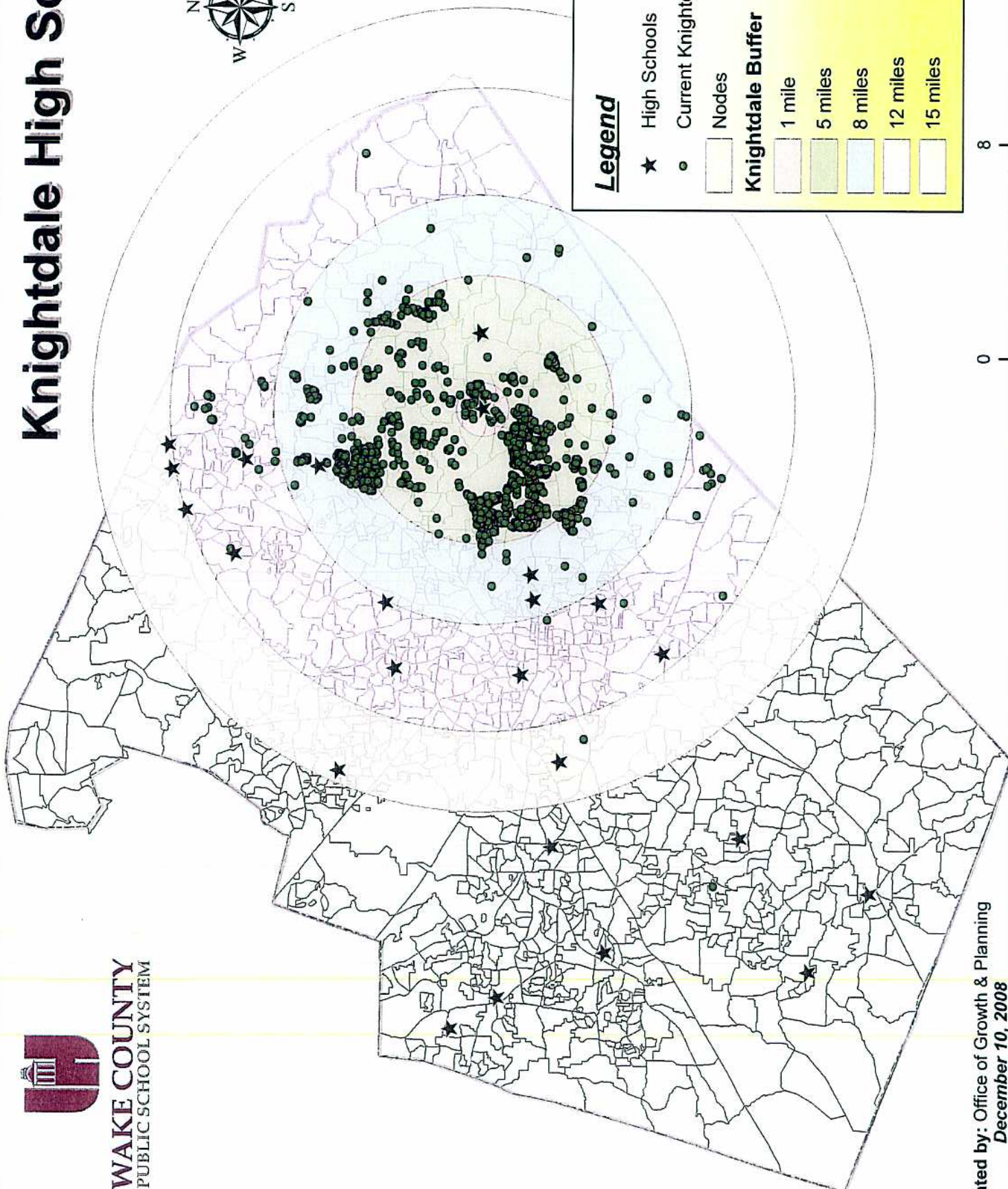
Athens Drive Buffer

- 1 mile
- 5 miles
- 8 miles
- 12 miles
- 15 miles

Knightdale High School



WAKE COUNTY
PUBLIC SCHOOL SYSTEM



Legend

- ★ High Schools
- Current Knightdale Students
- Nodes

Knightdale Buffer

- 1 mile
- 5 miles
- 8 miles
- 12 miles
- 15 miles

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