



DEKALB COUNTY



Board of Health

CLIFTON CORRIDOR

BUILT ENVIRONMENT
AND HEALTH
ROUNDTABLE



HEALTH IMPACT ASSESSMENT OF THE CLIFTON CORRIDOR

Thayra Riley

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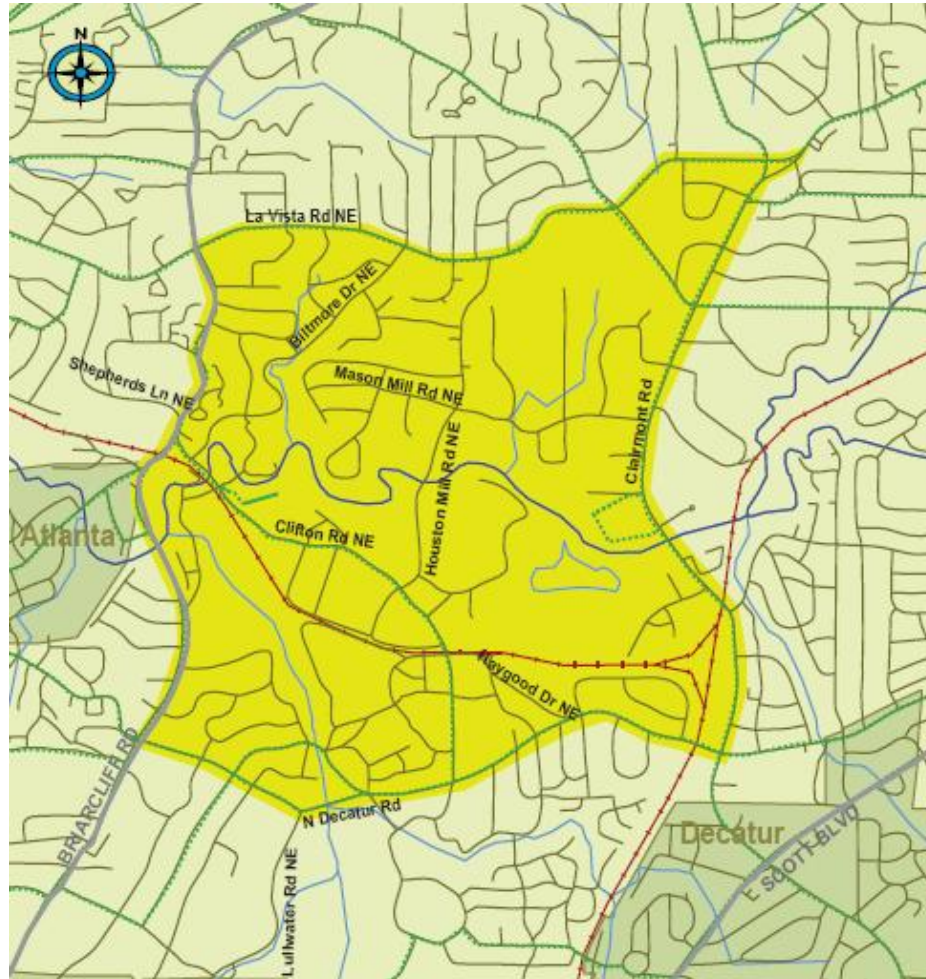
Community Administrator, DeKalb County Board of Health

HIA Study Area - Clifton Corridor

DEKALB COUNTY

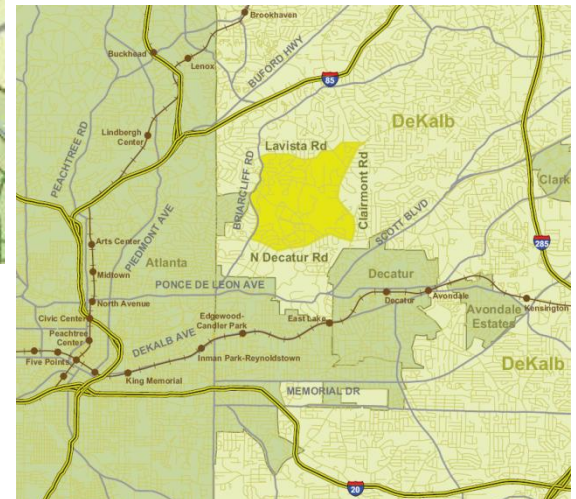
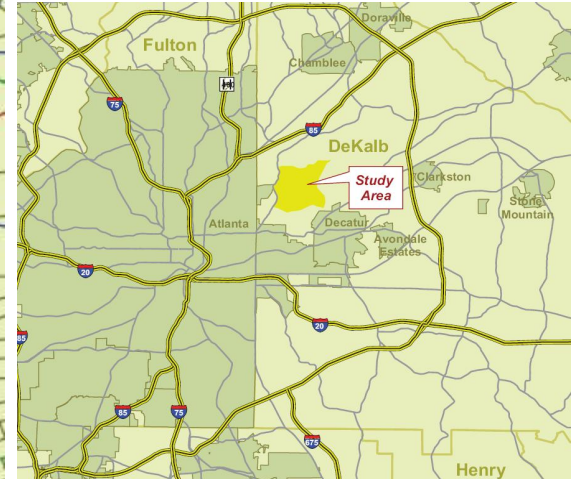
Board of Health

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Legend

-  MARTA Stations
-  Expressways
-  MARTA Rail Line
-  Major Roads
-  Streets
-  Study Area
-  Cities
-  Counties





Emory Rideshare Participation

- Number of **Commuters Registered** in Rideshare database for the Emory Area with ARC – **1950**



- **Vanpool** Participants **434** – Includes all employers i.e. Emory, Healthcare, VA, CHOA



- **Carpool** Participants **319 Total** – Emory Only (219 2-person + 100 3-person)

- **MARTA** Transit Passholders Monthly Passes **2055**
Weekly Passholders **386**

- **Bike/Walk** Participants – **243**

- **FlexCar** Participants – **302**

- **Shuttle** – 250,000 average passengers/month

- **Park and Ride** – North DeKalb **10,811**
Northlake **3,973**, and South DeKalb **4,297**



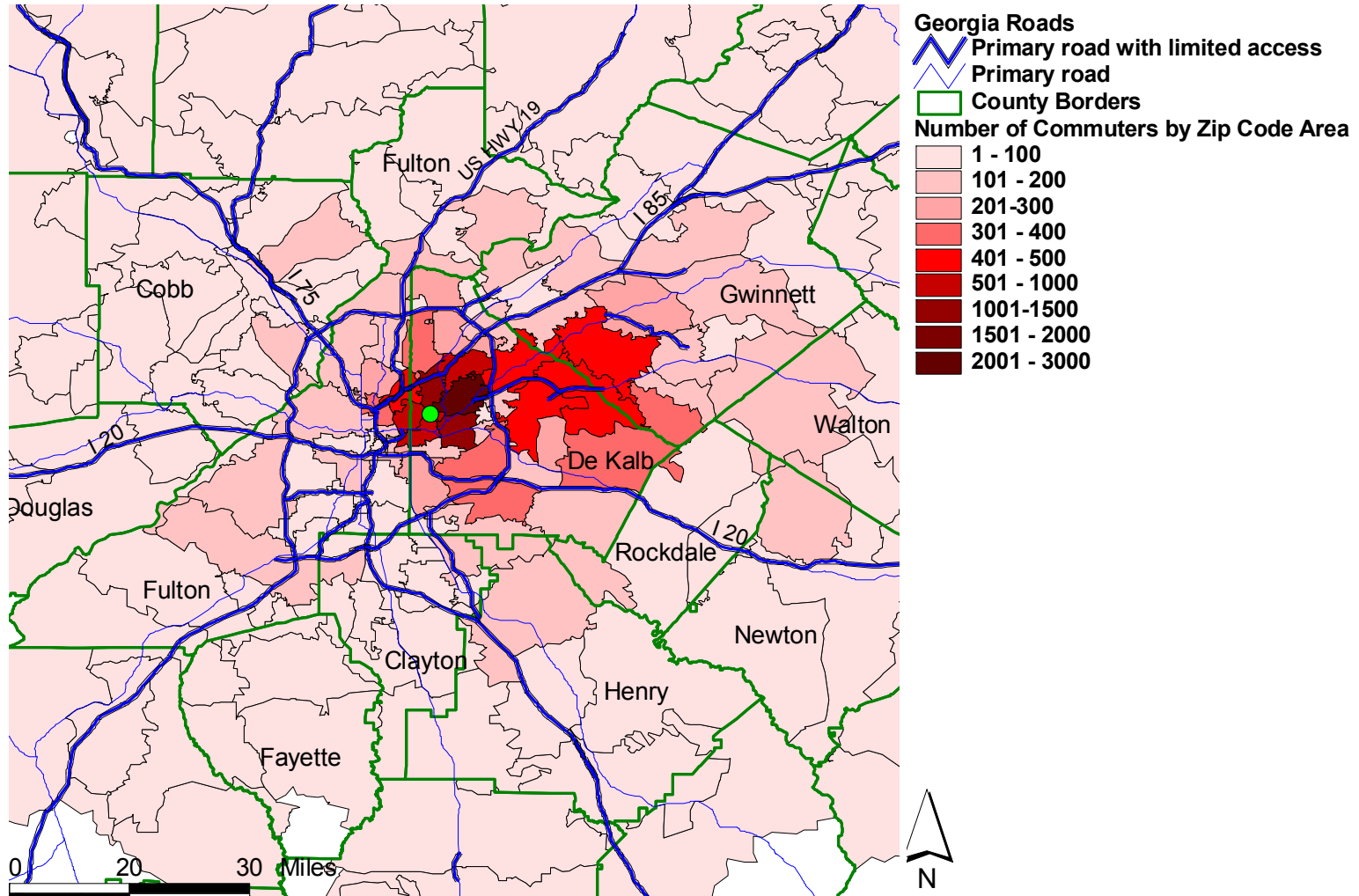
As of September 2007





Where do CCTMA Employees Live?

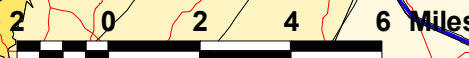
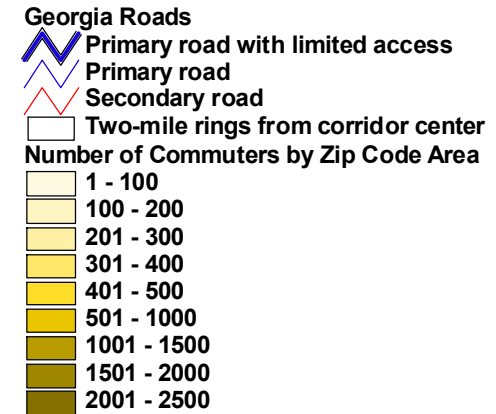
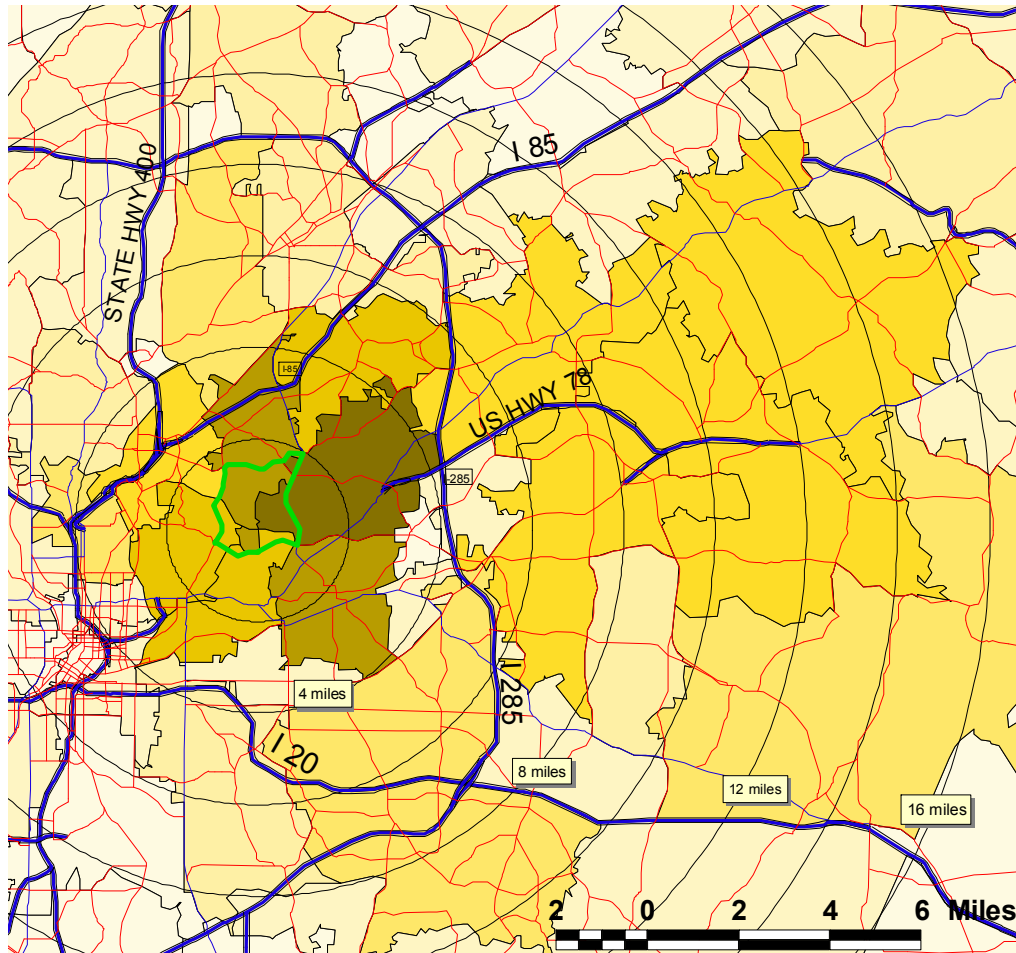
43% between the I-85 and I-20 corridors.





Where do CCTMA Employees Live?

54% (or approximately 14,000) live in DeKalb County



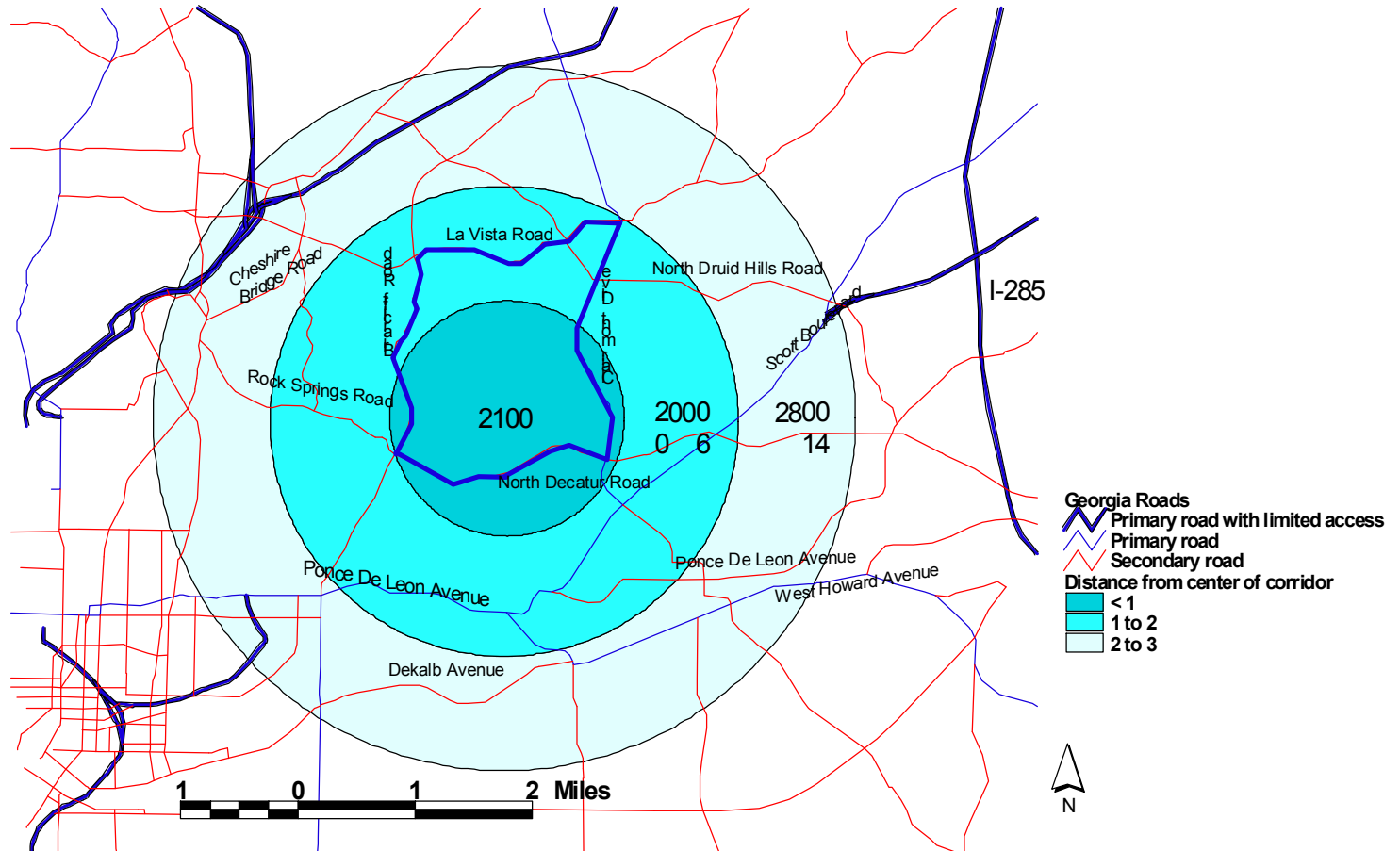


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Where do CCTMA Employees Live?

26% (or approximately 7,000) live within a 3-mile radius of the Corridor.

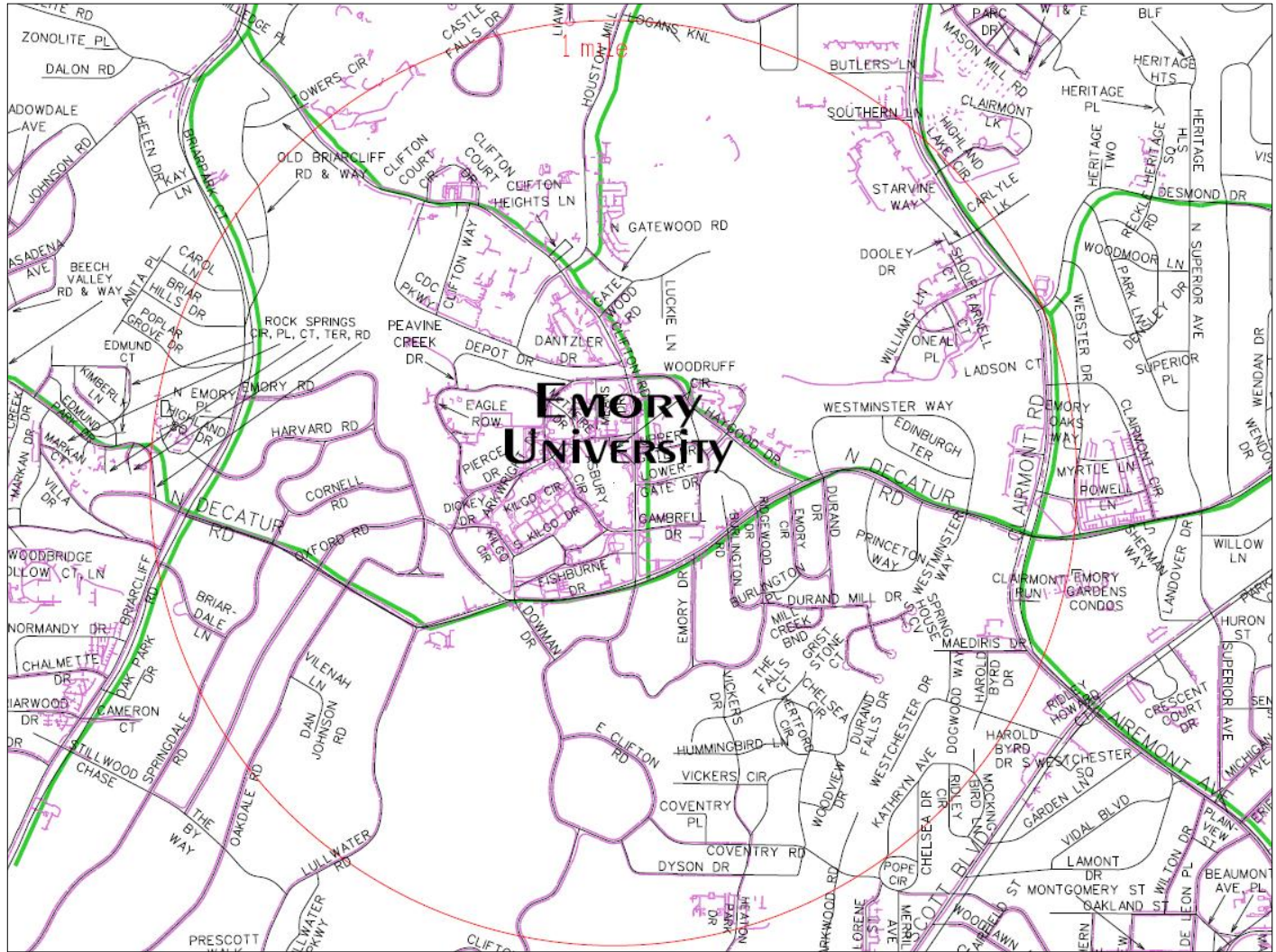


Existing Sidewalks & Bike Lanes

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Emory University Area

September 2007

- sidewalks
- on street bike lanes
- on street connections
- existing PATH trails



Public Health Concerns within the Clifton Corridor

- Traffic congestion and automobile speed increase the likelihood of injury and deter physical activity
- Lack of bike lanes may contribute to bicycle injury
- Traffic congestion impacts the natural environment (air quality, stormwater runoff, noise)
- Poor air quality contribute to respiratory disease and events
- Lack of affordable housing in the area contributes to individuals living away from major centers of employment (CDC, Emory University, Emory University Hospital)
- Physical environment (traffic congestion, high speeds, lack of destination points) is not conducive to walking or biking



Elements of the HIA

Stakeholder Outreach

- Clifton Community Partnership
- Healthy Places Research Group
- DeKalb County Government
- Neighborhood Associations
- Senior Connections, Injury
- Prevention Alliance, Built Environment
- E-News list

Meeting Objectives

- Increase awareness of the built environment and health along the Clifton Corridor
- Foster collaborative partnerships between stakeholders, planners, public health
- Effectively communicate meeting results to the community and decision-makers

Mark Your Calendars
Thursday September 13, 2007
2:00 – 4:30 pm

Built Environment and Health Roundtable
Area of Study: Clifton Corridor

Let's Talk About

- Pedestrian and bicycle safety
- Social-connectivity
- Aesthetics and the sense of well-being
- Physical activity
- Preserving the environment

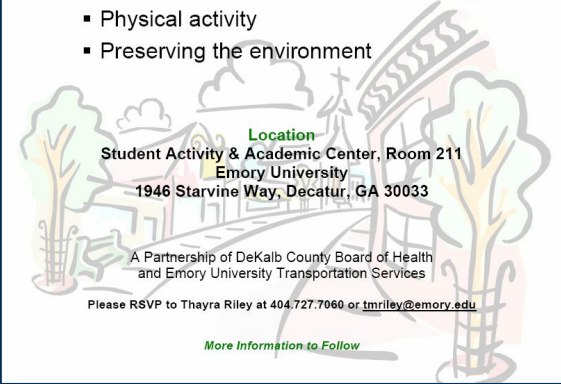
Location

Student Activity & Academic Center, Room 211
Emory University
1946 Starvine Way, Decatur, GA 30033

A Partnership of DeKalb County Board of Health
and Emory University Transportation Services

Please RSVP to Thayra Riley at 404.727.7060 or tmriley@emory.edu

More Information to Follow





HIA Break Out Groups

Focused topics for the table sessions :

- **Pedestrian and Bicycle Safety**
Regan Hammond, Principal Planner ARC
- **Social Connectivity, Aesthetics and Well-Being**
Karen Mumford, Ph.D., Researcher Emory University
- **Physical Activity**
Candace Rutt, Ph.D., Health Psychologist, CDC
- **Preserving the Environment**
John Wegner, Chief Environmental Officer, Emory University



Facilitators:

The break out group facilitators included representatives from local government, health and planning agencies.

- *Emory University*
- *Centers for Disease Control (CDC)*
- *Atlanta Regional Commission (ARC)*
- *Center for Quality Growth and Regional Development (CQGRD) Georgia Tech*



Small Group Questions

- What distance are you are willing to bike or walk as part of your regular commute to work/school?
- What distance are you are willing to bike or walk to reach services?
- What is your largest safety concern regarding bicycling/walking?
- Besides safety are their any other reasons you are reluctant to walk or bike in the Clifton Corridor?
- Are there particular areas where you feel unsafe to walk or bike within the Clifton Corridor?
- What types of interventions do you feel are most effective in improving bicycle and pedestrian safety?
- Where would you like to see these methods employed?

Quick Facts

- Nearly 25,000 metro Atlanta workers bike or walk to work each day.
- In the United States, 78% of all trips to and from work are in single passenger vehicles
- 28% of trips in the US are under one mile
48% of trips in the US are less than 3 miles
- 1.7% of trips are made by foot or bicycle in the US
- Motor vehicle emissions represent 31% of carbon dioxide, 81% of carbon monoxide, and 49% of nitrogen oxide
- A four-mile trip by bicycle keeps about 15 pounds of pollutants out of the air.

(Sources: <http://www.walkbikenashville.org/>, Clean Air Campaign, Services, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, 1996. p. iii.)

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BUILT ENVIRONMENT AND HEALTH ROUNDTABLE

Physical Activity



Small Group Questions

- Do you use elements of the Clifton Corridor for exercise? Provide examples of how you utilize this area for exercise.
- If you do not utilize the Clifton Corridor for exercise, where do you go for exercise?
- What things are working along the Clifton Corridor that contributes to physical activity?
- What resources exist along this area that encourages exercise?
- Are there obstacles that exist in the area that prevent exercise?
- What things are needed to encourage physical activity along this area?
- How likely would your patterns/behaviors regarding physical activity change as a result of these changes?

Quick Facts

- Physical inactivity causes numerous physical and mental health problems, is responsible for an estimated 200,000 deaths per year, and contributes to the obesity epidemic.
- The CDC determined that creating and improving places to be active can result in a 25 percent increase in the percentage of people who exercise at least three times a week.
- People with the best access to a variety of built and natural facilities were 43 percent more likely to exercise 30 minutes most days than those with poor access.
- Older adults living near safe walking and bicycle paths, gyms, parks, and recreation centers were more likely to be getting enough activity.
- People who live in neighborhoods with a mix of shops and businesses within easy walking distance have 35% lower risk of obesity.
- 43% of people with safe places to walk within 10 minutes of home meet recommended activity levels, while just 27% of those without safe places to walk are active enough.
- Up to 25% of cars on the road during the morning rush hour are providing school transport.



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Data Sources

- U.S. Census
 - National Household Transportation Survey
- Bureau of Labor Statistics
- Active Living Research
- Clean Air Campaign
- U.S. Centers for Disease Control and Prevention
- Atlanta Regional Commission (ARC)
- DeKalb County Government
 - Planning Department
 - Department of Public Works
 - Graphic Information Systems (GIS) Department
- Emory University
 - Office of Transportation Services
 - Human Resources
 - Office of Sustainability



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Questions

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