

Lincoln On the Move:

A Community

In Motion



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Snapshot

- Lincoln is in attainment for all pollutants
- Lincoln is growing:
 - Population increased by about 1.5% (approx. 3000) in past year
 - Area increased by nearly 18 sq. miles since 1990
- With growth comes problems

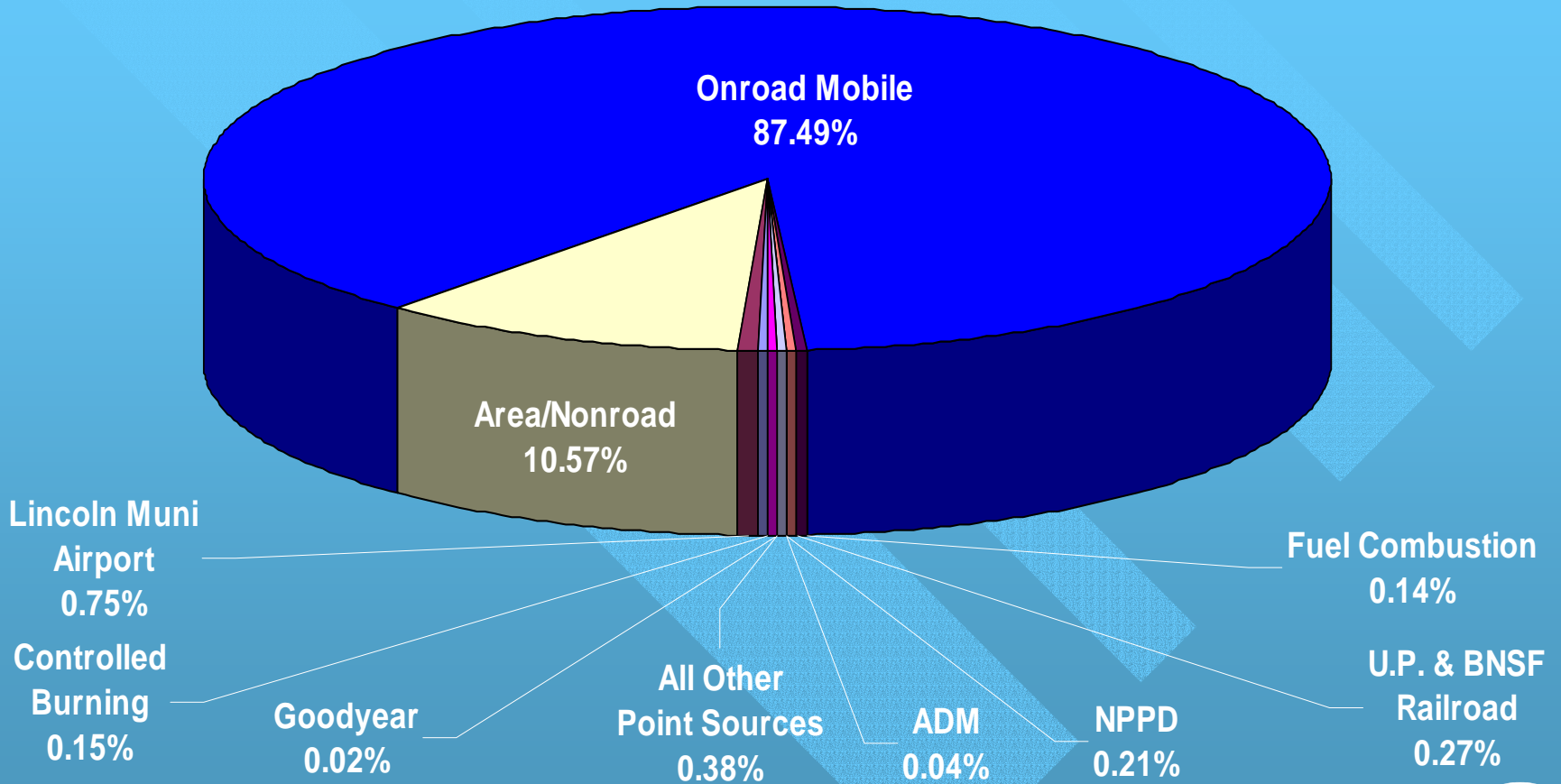


CO Monitoring

- Monitoring since mid-seventies
- Monitoring in high traffic area east of downtown Lincoln
- Lincoln has been in attainment with NAAQS since mid-eighties
- Data consistently below national standards



CO Totals By Source



Ozone Monitoring

- Monitoring began in 1986
- Site is located in Davey, NE
 - Six miles north of Lincoln
 - Southerly summer winds
- Concentrations are less than 25% of the NAAQS

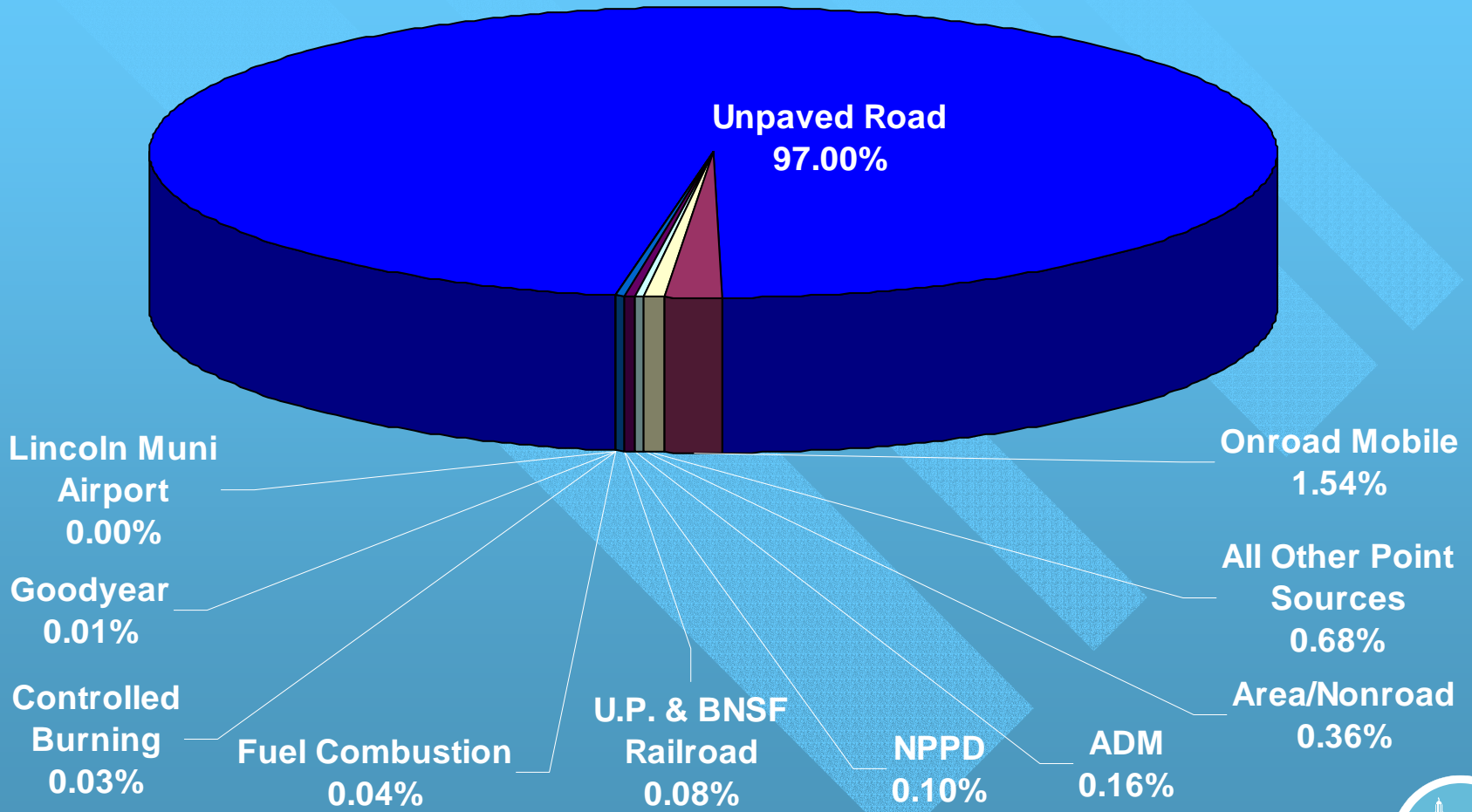


PM 2.5 Monitoring

- Monitoring began in 1998
- Monitors on roof of the Health Dept.
- Lincoln in attainment with NAAQS



PM Totals By Source

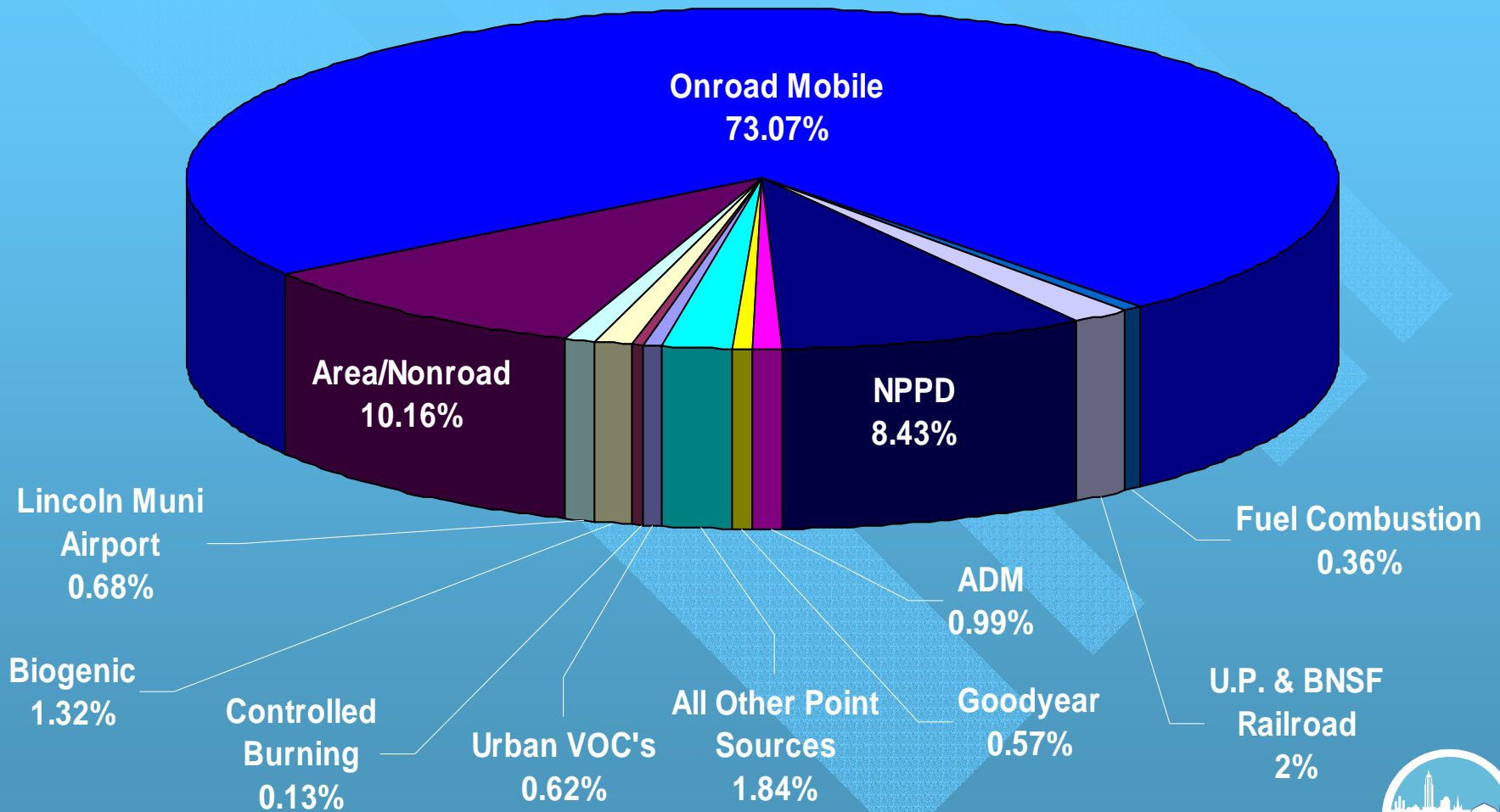


Toxics Monitoring

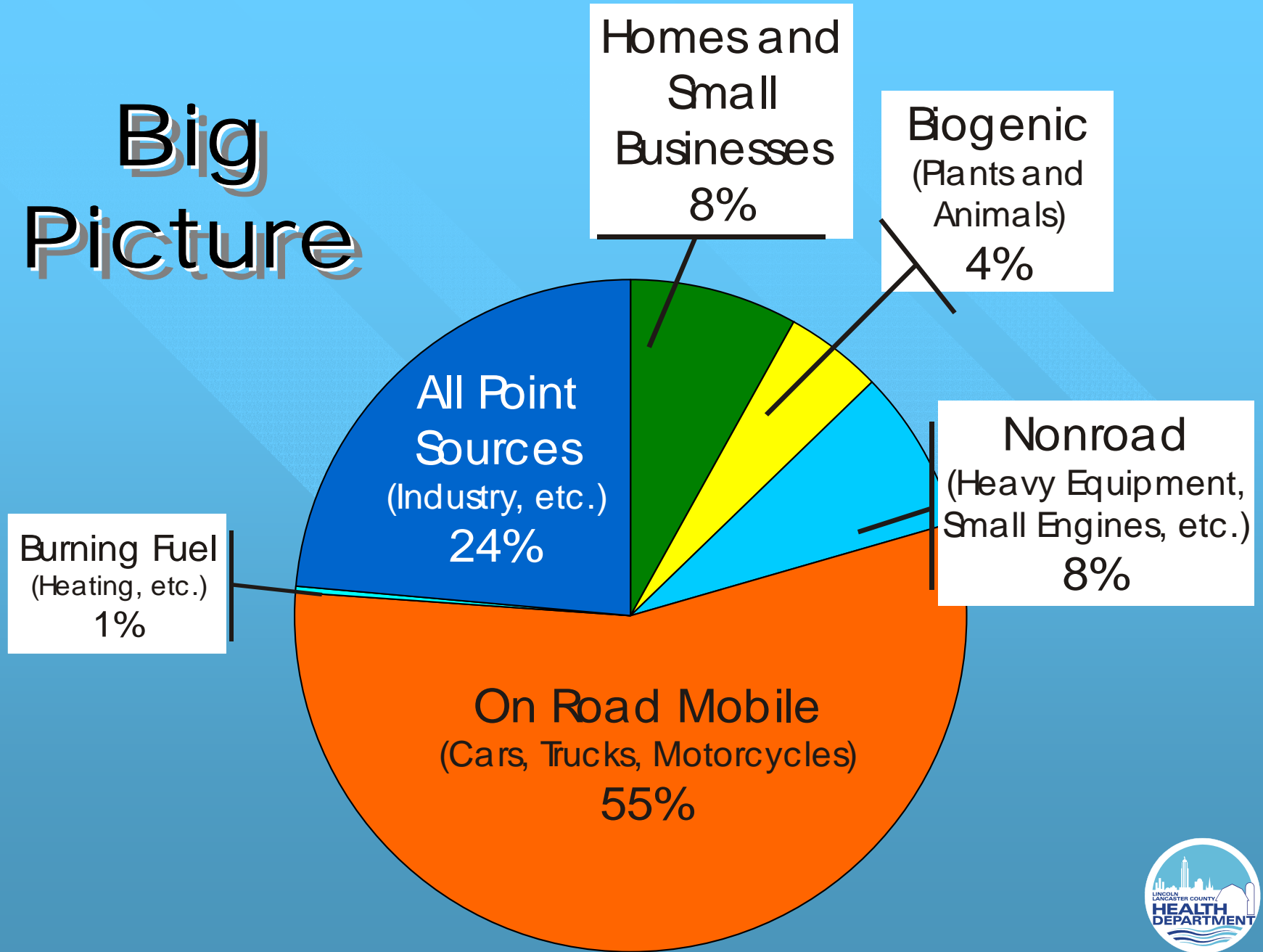
- Began sampling April 1, 2002
- Received \$85,000 EPA grant to conduct air toxics monitoring for one year, possibility of extension for an additional year
- Analyzing the data



Pollutant Totals



Big Picture



And Now For Something Completely Different

- Lincoln On the Move
 - Health based: heart and lungs
 - Activity based
 - » Walking School Bus
 - » 10,000 Steps
- Related programs
 - WorkWell, Inc.
 - Other community partnerships



Communities in Motion

- Use community bikes concept
- Promote public transit: create partnerships
- Partner with Lincoln On the Move: add environmental element to health program
- Conduct two-year project
 - Study
 - Act
 - Modify
 - Recommend



Revised Plan

- Omit community bikes
 - Community bikes have poor track record
 - Too costly: money, time, and labor
- Keep rest of plan
 - Use WorkWell, Inc. networks
 - Work with Multi-Modal Transportation Task Force
 - Partner with schools and businesses



Three Prongs

- Businesses: employees, customers, sites, marketing
- Schools: public, UNL, Community Learning Centers (CLCs), PTO/PTAs
- Government: LLCHD, Public Works and Utilities, Planning



Businesses

- WorkWell, Inc., etc.
- Encourage employees and customers to use alternative transportation
 - Ease of use
 - » Parking for bus riders/bikes
 - » Facilities: showers, locker rooms, etc.
 - Incentives
- Distribute information and assist in marketing



Schools

- Expand Walking School Bus
- Encourage carpooling among parents
- Limit parking near schools
- Promote UNL community bike program
- Use CLCs to market alternative transportation and distribute information



Government

- LLCHD: lead agency, coordination
 - Health Promotion and Outreach: Health
 - Air Quality Section: Environment
- Public Works and Utilities
 - Star Tran: Buses and routes
 - Planning: Signs, trails, and streets
- Multi-Modal Transportation Task Force



Intended Outcomes

- Reduce motor vehicle use
 - Reduce air pollution
 - Increase use of mass transit, trail, alternative modes
- Coordinate activities of agencies that currently work separately on similar or related goals



Activities

- Make use of public transit easier
 - Promote parking/riding
 - In-store promotions
 - Better routes
- Encourage biking/walking to work or school
 - Awareness/education
 - Incentives/rewards



Process

- Create baselines using interns (direct observation, interviews), prior studies, and monitoring
 - Use of transit and trails
 - Air quality
- Implement activities
- Measure outcomes



What's New

- Create private-public partnerships in three spheres: business, education, government
- Use businesses and schools to promote public transportation
- Raise awareness of health benefits ***and*** environmental protection



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