Ground Zero

Each Of Us Breathes About 3,000 Gallons of Air Every Day

The cigarette that makes your lungs as black as a night in the naked city.

Healthy Tissue  Healthy Tissue  Progressive massive fibrosis 40-year-old miner

Surface Ozone

Ozone Mixing Ratio (ppbv)

20 40


20 40

Surface Ozone

Barrow, AK (79N)
Zugspitze, FR  (47N)
Whiteface M, NY  (44N)
Mount, Mt. St.  (59N)
San Francisco  (40S)
South Pole  (90S)
Asthma and Air Pollution

Sources of NOx

Sources of VOC

Asthma and Air Pollution

Air Pollution In The USA

Asthma In New Jersey

Persons Diagnosed with Asthma, by Age and Sex, 1999

Source: (2) National Health Interview Survey
Knoxville, TN - A new study released today by the American Lung Association (ALA) finds that ten cities in the Southeast rank in the top 25 for worst ozone pollution. In addition, ten counties in the Southeast with ozone monitors received a "Failing" grade from ALA for air quality. The report ranks four Tennessee cities, two Georgia cities, and three North Carolina cities in the top 25. Eleven counties in Florida.

* 2002 study by ALA

**Case Study:** North Carolina

The Southeast cities ranking in the top 25 worst polluted in the U.S. are as follows:

- #6 Atlanta, Georgia
- #8 Knoxville, Tennessee
- #13 Raleigh-Durham-Chapel Hill, North Carolina
- #18 Nashville, Tennessee
- #19 Memphis, Tennessee
- #21 Birmingham, Alabama
- #21 Greensboro-Winston-Salem-High Point, North Carolina
- #24 Macon, Georgia
- #24 Chattanooga, Tennessee
New Study Shows Southeast Cities Worst in Nation for Air Pollution
Groups Call for Senators to Support Power Plant Clean Up

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http://www.dhhs.state.nc.us/ozone.htm