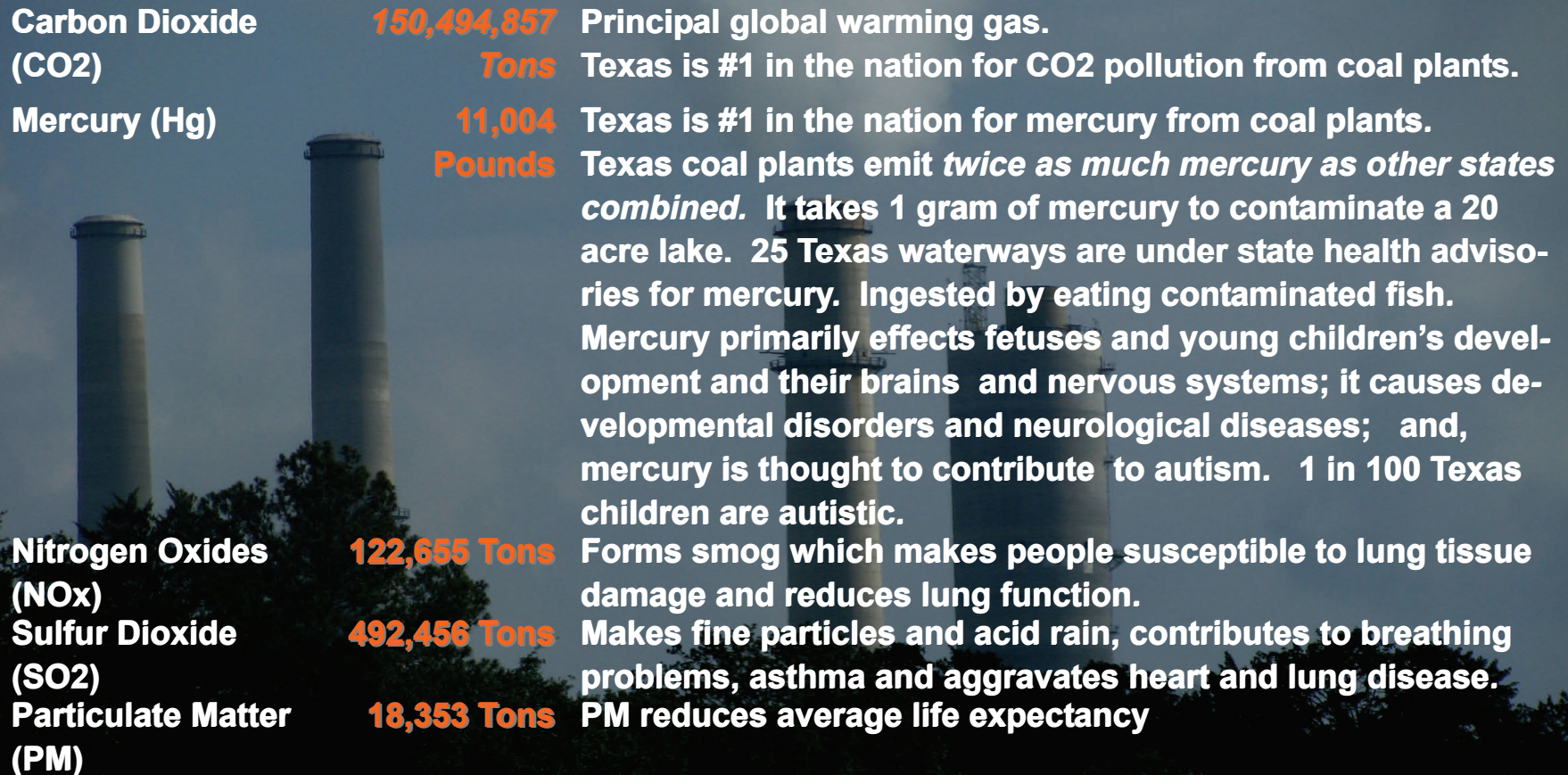


## Health Impacts from Existing Texas **COAL** Plant Pollution (Annually)



Carbon Dioxide (CO2)	<b>150,494,857 Tons</b>	Principal global warming gas. Texas is #1 in the nation for CO2 pollution from coal plants.
Mercury (Hg)	<b>11,004 Pounds</b>	Texas is #1 in the nation for mercury from coal plants. Texas coal plants emit <i>twice as much mercury as other states combined</i> . It takes 1 gram of mercury to contaminate a 20 acre lake. 25 Texas waterways are under state health advisories for mercury. Ingested by eating contaminated fish. Mercury primarily effects fetuses and young children's development and their brains and nervous systems; it causes developmental disorders and neurological diseases; and, mercury is thought to contribute to autism. 1 in 100 Texas children are autistic.
Nitrogen Oxides (NOx)	<b>122,655 Tons</b>	Forms smog which makes people susceptible to lung tissue damage and reduces lung function.
Sulfur Dioxide (SO2)	<b>492,456 Tons</b>	Makes fine particles and acid rain, contributes to breathing problems, asthma and aggravates heart and lung disease.
Particulate Matter (PM)	<b>18,353 Tons</b>	PM reduces average life expectancy

Coal plant pollution causes 1,105 hospital admissions, 1,791 heart attacks, and 1,160 deaths every year in Texas. Texas deaths from asthma, a disease linked to coal plant pollution, have almost doubled since 1980. The 2004 Clear the Air report, *Dirty Power, Dirty Air* links asthma to coal plant pollution.

**We need you! Get involved** in the efforts to stop new coal plants and clean up and phase out old coal plants in Texas. You can actually have fun, go on some hikes, and make new friends while you're at it! Contact the Sierra Club at 512-477-1729 or go to [www.sierraclub.org/coal/tx](http://www.sierraclub.org/coal/tx). This publication is a project of Sierra Club's Climate Recovery Partnership and the Lone Star Chapter of the Sierra Club.