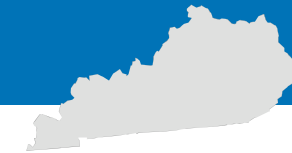
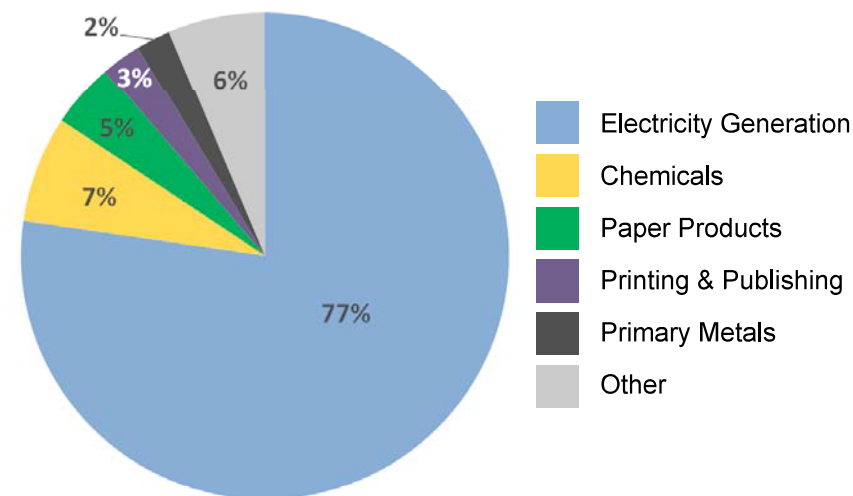


# Toxic Industrial Air Pollution in Kentucky



## Toxic Air Pollution by Sector



Sector	Toxic Air Pollution (lbs)	% of State Toxic Air Pollution
Electricity Generation	31,947,066	77%
Chemicals	2,907,708	7%
Paper Products	1,811,981	4%
Printing & Publishing	1,092,508	3%
Primary Metals	944,219	2%
Other	2,636,866	6%
<b>Total</b>	<b>41,340,348</b>	<b>100%</b>

## Kentucky Key Facts

**Toxic Air Pollution**  
Kentucky's electric sector ranked **FOURTH** in toxic air pollution in 2009, emitting over **31.9 million pounds** of harmful chemicals, which accounted for **77%** of state pollution and about **8%** of toxic pollution from all U.S. power plants.

**Mercury Pollution**  
Kentucky ranked **14th** among all states in mercury air pollution from power plants with about **1,760 pounds** emitted in 2009, which accounted for **89%** of state mercury air pollution and about **2%** of U.S. electric sector pollution.

## Top Power Plant Polluters

Plant Name	Owner(s)	Toxic Air Pollution (lbs)		Pollution Control Update?
		All Toxics	Mercury	
Paradise	Tennessee Valley Authority	7,713,713	170	
Big Sandy	AEP	5,437,314	334	
Ghent	PPL	4,225,878	140	●
Mill Creek	PPL	4,154,748	239	
E W Brown	PPL	2,027,273	123	●
Cooper	East Kentucky Power Coop	1,612,120	100	●
Trimble County	PPL & Others	1,165,453	85	
Cane Run	PPL	834,351	86	
East Bend	Duke, DPL	774,364	54	
Shawnee	Tennessee Valley Authority	761,659	190	

● Pollution controls have been installed since 2009 or are currently under construction. These investments should reduce emissions of mercury and other toxic air pollutants in future years.



Note: The possibility of already planned retirements or pollution controls at the listed plants may also reduce emissions in future years.  
Sources: EPA's Toxics Release Inventory (2009 data), accessed June 2011; EPA's National Electric Energy Data System Database v.4.10 (2010).