

Ozone Monitor Values – Parts Per Billion (ppb)

COUNTY	MONITOR LOCATION	2000-2002 Value	2001-2003 Value
Clark	Charlestown	0.090	0.092
Floyd	New Albany	0.083	0.086

PM 2.5 Monitor Values – Micrograms Per Cubic Meter (ug/m³)

COUNTY	MONITOR LOCATION	2000-2002 Value	2001-2003 Value
Clark	Jeffersonville - Spring Street	17.2	15.8
Clark	Jeffersonville - Pfau		19.1
Clark	Jeffersonville – Spring and Pfau combined	17.2	16.2
Floyd	New Albany	15.5	14.9

Note: The Spring Street monitor was active until July 2003. Pfau monitor used from that date to present. The data from both monitors was used for attainment purposes.

Emissions Inventories

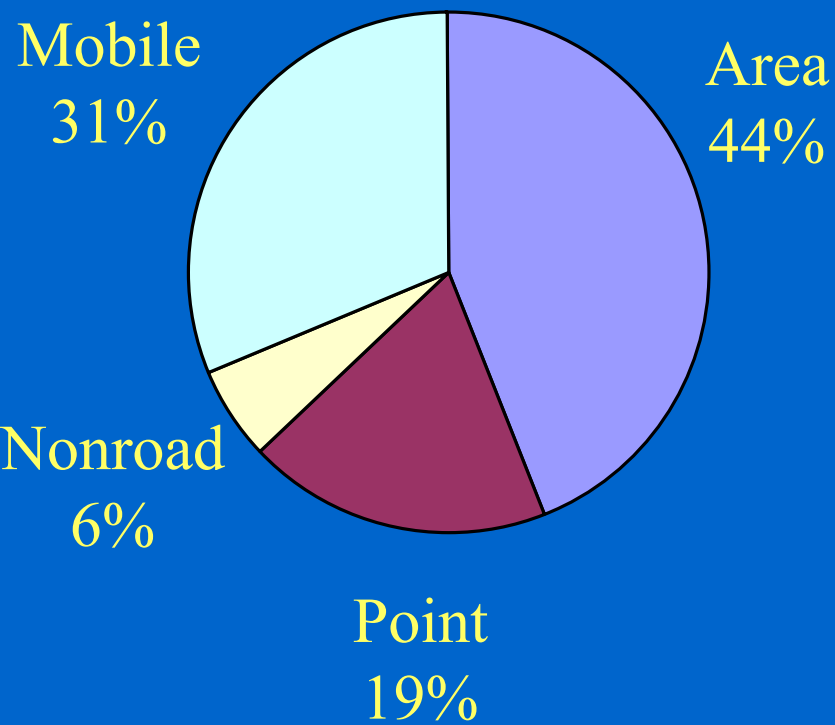
Annual Totals by County (tons)

	VOC	NO _x	PM 2.5	SO ₂
Clark Totals	7,277	5,284	2,494	490
Floyd Totals	4,878	10,763	5,146	50,168

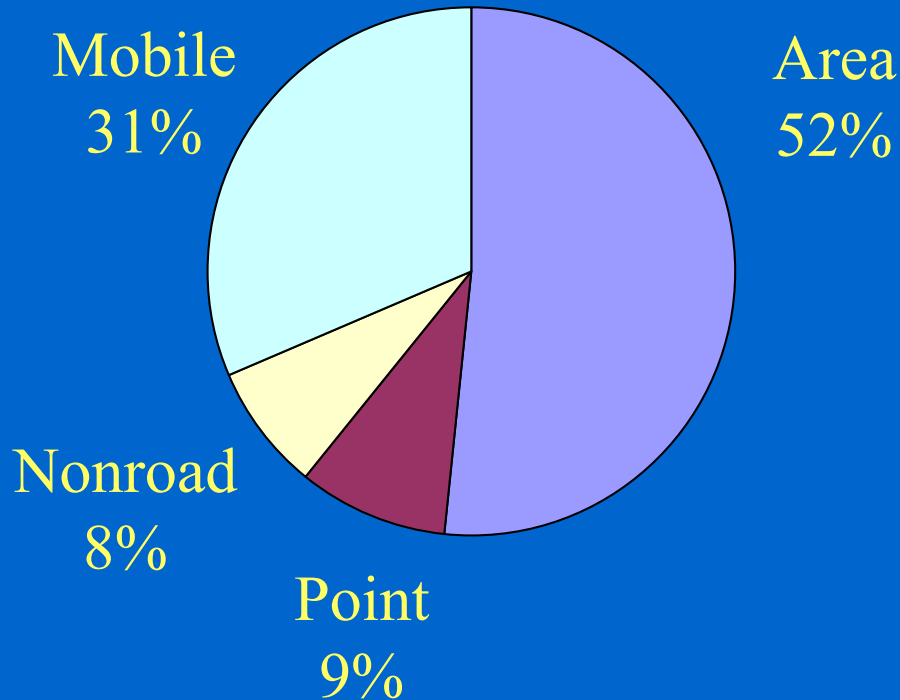
Note: 1999 National Emissions Inventory (NEI) data

Emissions Inventories - VOC

Clark



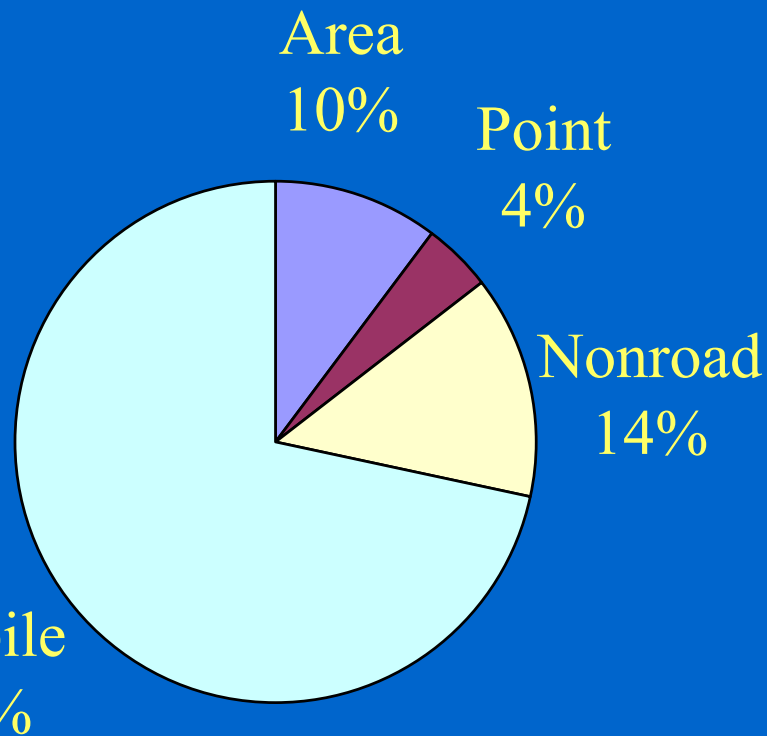
Floyd



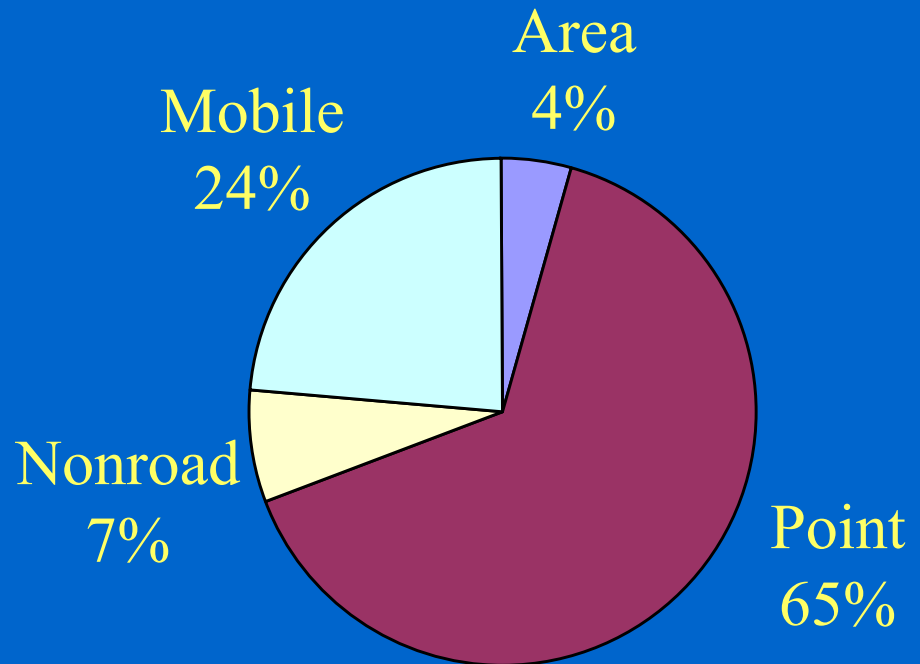
Note: 1999 National Emissions Inventory (NEI) data

Emissions Inventories - NOx

Clark



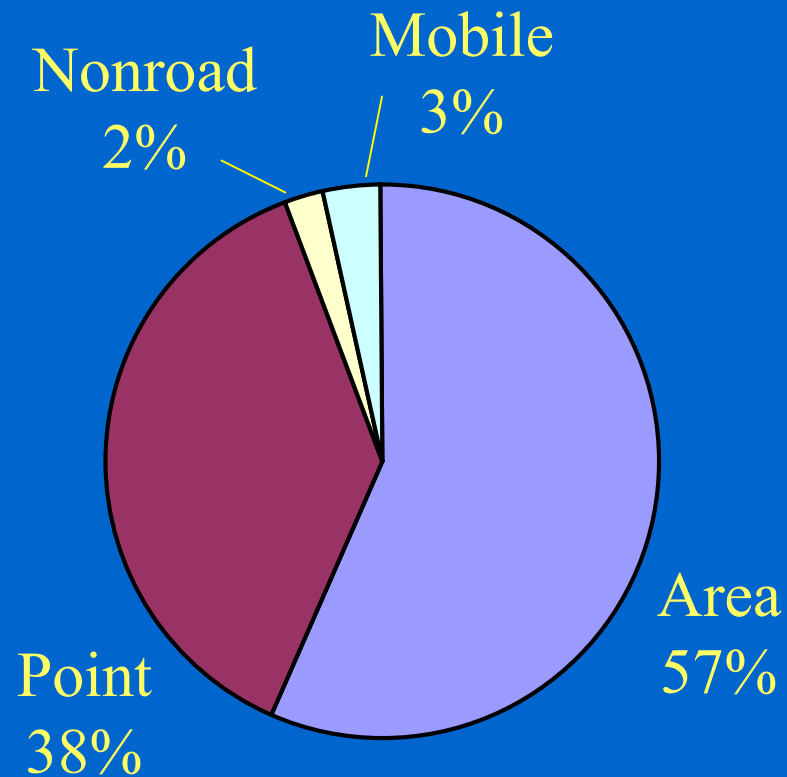
Floyd



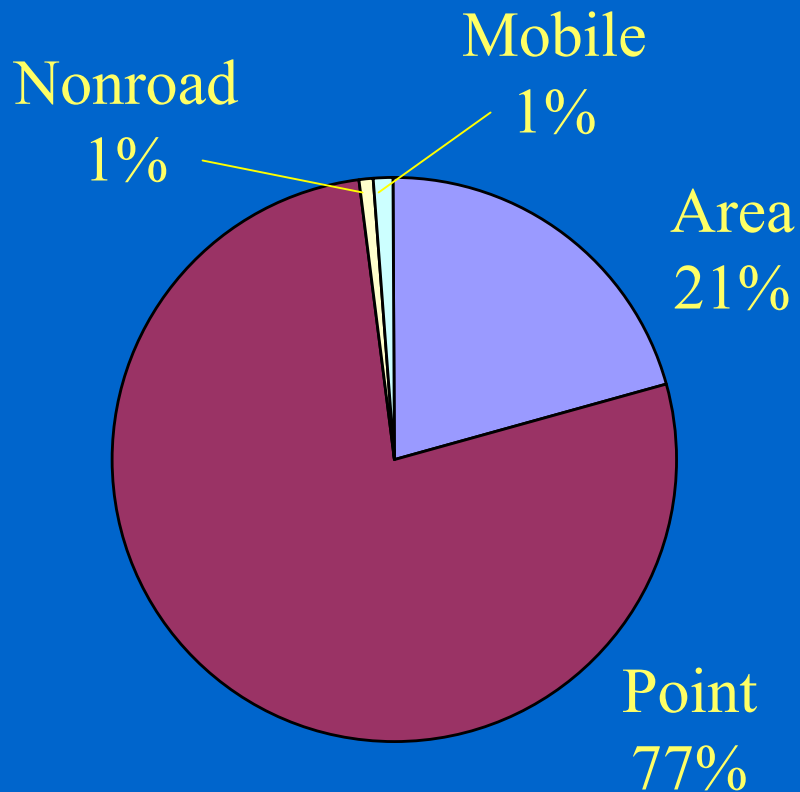
Note: 1999 National Emissions Inventory (NEI) data

Emissions Inventories – PM 2.5

Clark



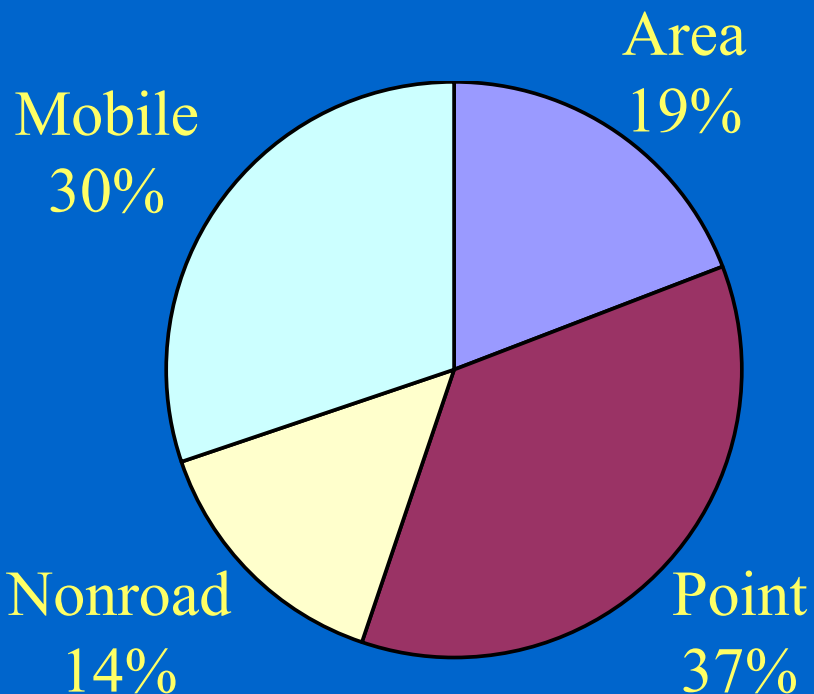
Floyd



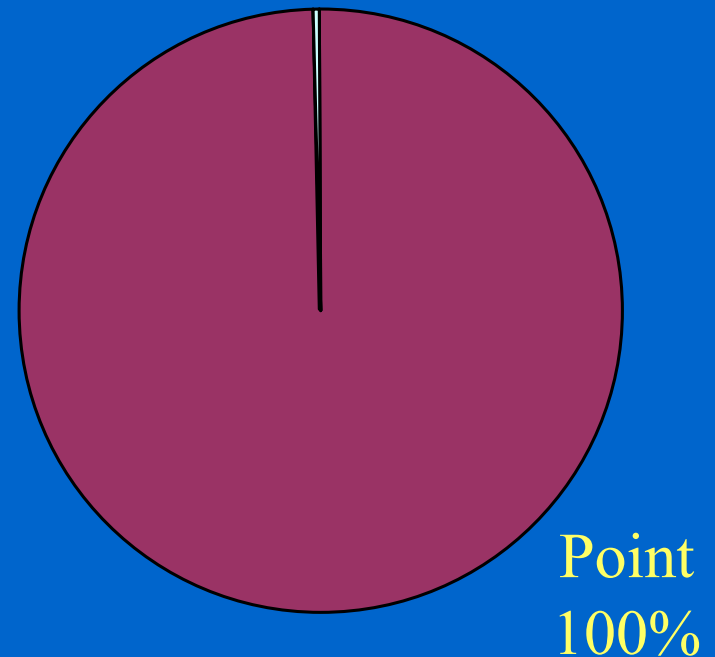
Note: 1999 National Emissions Inventory (NEI) data

Emissions Inventories – SO₂

Clark



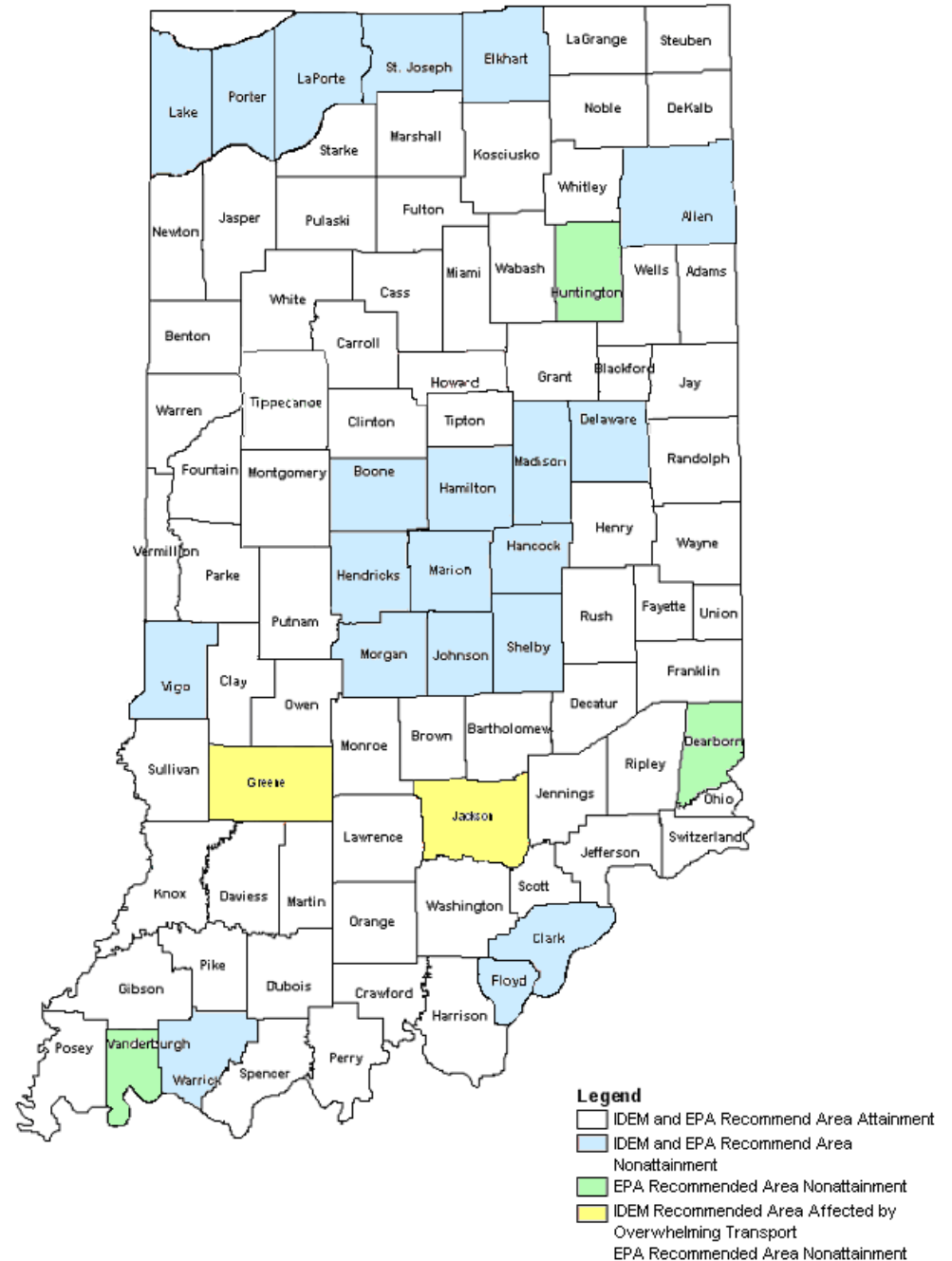
Floyd



Note: 1999 National Emissions Inventory (NEI) data

EPA and IDEM

Proposed 8-Hour Ozone Designations



PM2.5 Recommendations

Governor's Recommendations
made February 15, 2004

IDEM recommended only Clark
county nonattainment for PM 2.5 due
to:

- Only Clark county monitor exceeds standard
- Clark county has a significant industrial presence in addition to Interstate 65
- Clark and Floyd county monitors in close proximity, yet only Clark monitor exceeds standard (implying a local affect)



PM 2.5 Designation Considerations

- IDEM expects that at minimum, USEPA will designate the counties with a monitored PM_{2.5} value above the standard as nonattainment.
- PM_{2.5} Nonattainment designations may correlate with MSA boundaries and/or 8-Hour ozone nonattainment boundaries.
- Although background PM 2.5 concentrations indicate a regional component, urban excess is a primary factor with local violations
- Many unknowns still remain
 - Absence of Implementation Rule
 - NSR Applicability

-
-
-

How Do I Find Out More?

IDEM's Website

<http://www.in.gov/idem/air/pm25standard/index.html>

<http://www.in.gov/idem/air/8hourstandard/index.html>

Contacts

Shawn Seals

(317) 233-0425

sseals@dem.state.in.us

Laurence Brown

(317) 234-3097

lbrown@dem.state.in.us