



2012



Illinois Annual Air Quality Report



Table C3

PM₁₀ Point Source Emission Distribution (Tons/Year)

Category	2008	2009	2010	2011	2012
External Fuel Combustion					
Electric Generation	7,740.7	8,454.8	8,065.1	8,134.8	8,093.0
Industrial	1,779.6	1,739.4	1,553.5	1,601.1	1,536.3
Commercial/Institutional	285.5	282.0	245.6	273.2	273.6
Space Heating	3.5	3.6	3.9	3.5	3.1
Internal Fuel Combustion					
Electric Generation	295.0	229.2	243.0	283.3	525.0
Industrial	320.4	315.7	275.7	260.9	286.9
Commercial/Institutional	37.4	43.7	43.9	36.9	31.5
Engine Testing	21.9	29.6	19.7	14.1	15.1
Industrial Processes					
Chemical Manufacturing	961.9	943.2	927.9	949.1	872.9
Food/Agriculture	7,516.1	7,083.1	7,141.3	6,737.9	6,355.6
Primary Metal Production	1,269.4	1,213.7	790.9	1,301.2	1,222.5
Secondary Metal Production	1,575.5	1,573.9	1,351.6	1,265.0	1,232.5
Mineral Products	8,347.5	6,565.1	6,486.5	5,651.0	5,052.2
Petroleum Industry	1,990.6	1,708.4	1,593.4	993.7	1,007.8
Paper and Wood Products	252.5	227.6	219.4	180.1	167.2
Rubber and Plastic Products	159.9	189.5	192.7	192.2	173.3
Fabricated Metal Products	273.3	282.9	320.8	266.5	227.5
Oil and Gas Production	6.0	7.0	7.5	11.6	13.4
Building Construction	0.0	3.0	2.0	1.6	1.6
Miscellaneous Machinery	13.4	13.4	13.5	13.5	13.2
Electrical Equipment	3.5	2.8	2.5	2.4	1.8
Transportation Equipment	17.6	14.0	7.8	18.7	19.5
Health Services	74.2	83.2	94.2	93.5	8.9
Leather and Leather Products	3.3	3.3	3.3	3.3	17.2
Textile Products	0.0	0.0	0.1	0.1	0.1
Process Cooling	387.1	375.3	384.4	402.7	422.4
In-Process Fuel Use	150.2	143.7	43.3	144.8	82.5
Miscellaneous Manufacturing	33.9	30.0	25.3	22.3	15.0
Organic Solvent Emissions					
Organic Solvent Use	0.0	0.0			1.5
Surface Coating Operations	229.0	224.7	199.7	199.4	197.2
Petroleum Product Storage	0.0	0.0			
Bulk Terminals/Plants	1.3	1.3	12.9	1.3	2.6
Printing/Publishing	6.1	3.1	2.9	11.1	11.7
Petroleum Marketing/Transport	0.0	0.4	0.4	0.8	2.3
Organic Chemical Storage (large)	6.3	3.7	4.8	4.8	4.4
Organic Chemical Transportation	0.0	0.0			
Organic Solvent Evaporation	1.7	1.7	1.7	6.6	7.0

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Category	2008	2009	2010	2011	2012
Solid Waste Disposal					
Government	354.1	349.8	355.9	401.5	406.7
Commercial/Institutional	16.1	14.9	11.0	9.8	15.1
Industrial	106.7	95.9	84.7	102.6	112.2
Site Remediation	84.8	75.9	48.2	50.8	43.0
MACT Processes					
Food and Agriculture Processes	0.0	0.0	0.0	0.0	0.0
Styrene or Methacrylate Based Resins	1.9	0.7	0.8	0.8	0.2
Alkyd Resin Production	3.8	72.0	4.8	3.0	0.6
Vinyl Based Resins	127.3	129.8	129.9	129.9	63.6
Miscellaneous Polymers	8.5	9.8	9.6	9.6	6.9
Inorganic Chemicals			0.3	0.3	0.3
Consumer Products Manufacturing	0.3	0.3	0.2	0.2	0.2
Paint Stripper Use	0.2	0.2			
Miscellaneous Processes	1.0	1.0	1.0	1.0	1.0
Phthalate Plasticizers Production	3.1	3.1	3.2	3.2	3.2
Totals	34,474.1	32,551.4	30,930.9	29,795.9	28,623.9