

APPENDIX C

**Nitrogen Oxides (NO_x), Sulfur Dioxide (SO₂) and
Direct Fine Particle (PM_{2.5}) (2002, 2005 and 2008)
Emission Trends, All Sources, Southwestern
Indiana Area**

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2002 Southwestern Indiana Area (Tons Per Year)

Direct PM _{2.5}		ONROAD	NONROAD	AREA	EGU	POINT	TOTAL
	DUBOIS COUNTY, IN	26.30	52.50	446.63	0.00	112.11	637.54
	GIBSON COUNTY, IN	31.01	84.73	160.62	203.02	15.93	495.31
	PIKE COUNTY, IN	11.08	23.68	49.74	188.61	47.00	320.11
	SPENCER COUNTY, IN	23.41	78.57	136.46	61.81	18.56	318.81
	VANDEBURGH COUNTY, IN	69.19	137.14	530.81	0.00	143.90	881.04
	WARRICK COUNTY, IN	37.47	42.43	135.74	1,566.21	2.56	1,784.41
	198.46	419.05	1,460.00	2,019.65	340.06		
GRAND TOTAL							4,437.22

2002 Southwestern Indiana Area (Tons Per Year)

SO ₂		ONROAD	NONROAD	AREA	EGU	POINT	TOTAL
	DUBOIS COUNTY, IN	69.64	66.10	1,220.41	0.00	809.10	2,165.25
	GIBSON COUNTY, IN	69.29	108.95	433.37	127,503.07	0.00	128,114.68
	PIKE COUNTY, IN	26.97	26.99	31.34	47,178.98	18,056.75	65,321.03
	SPENCER COUNTY, IN	51.90	129.15	188.50	51,551.31	0.09	51,920.95
	VANDEBURGH COUNTY, IN	141.53	210.71	1,596.00	0.00	19.85	1,968.09
	WARRICK COUNTY, IN	61.69	46.65	269.58	104,514.41	0.00	104,892.33
	421.02	588.55	3,739.20	330,747.77	18,885.79		
GRAND TOTAL							354,382.33

2002 Southwestern Indiana Area (Tons Per Year)

NO _x		ONROAD	NONROAD	AREA	EGU	POINT	TOTAL
	DUBOIS COUNTY, IN	1,514.30	870.98	422.16	0.00	902.05	3,709.49
	GIBSON COUNTY, IN	1,743.22	1,192.81	179.10	45,282.66	33.83	48,431.62
	PIKE COUNTY, IN	713.51	296.11	31.10	19,951.55	4,071.69	25,063.96
	SPENCER COUNTY, IN	1,538.39	1,224.97	93.66	34,143.66	11.50	37,012.18
	VANDEBURGH COUNTY, IN	3,850.88	2,415.19	869.58	0.00	285.46	7,421.11
	WARRICK COUNTY, IN	2,076.22	494.18	157.20	22,945.95	0.00	25,673.55
	11,436.52	6,494.24	1,752.80	122,323.82	5,304.53		
GRAND TOTAL							147,311.91

2005 Southwestern Indiana Area (Tons Per Year)

Direct PM _{2.5}		ONROAD	NONROAD	AREA	EGU	POINT	TOTAL
	DUBOIS COUNTY, IN	21.06	49.60	8.50	30.46	93.63	203.25
	GIBSON COUNTY, IN	2.66	72.79	7.49	3,625.58	20.47	3,728.99
	PIKE COUNTY, IN	3.02	19.63	3.60	2,528.89	55.23	2,610.37
	SPENCER COUNTY, IN	3.10	39.17	3.71	33.36	50.84	130.18
	VANDEBURGH COUNTY, IN	57.30	116.66	8.14	0.33	60.72	243.15
	WARRICK COUNTY, IN	30.52	39.21	6.00	2,021.47	1,146.51	3,243.71
	117.66	337.06	37.44	8,240.09	1,427.40	10,159.65	
GRAND TOTAL							

2005 Southwestern Indiana Area (Tons Per Year)

SO ₂		ONROAD	NONROAD	AREA	EGU	POINT	TOTAL
	DUBOIS COUNTY, IN	28.07	74.67	171.87	301.77	9.80	586.18
	GIBSON COUNTY, IN	35.23	112.97	108.21	153,320.18	0.32	153,576.91
	PIKE COUNTY, IN	12.28	26.14	21.29	52,628.29	4.88	52,692.88
	SPENCER COUNTY, IN	25.83	70.27	36.65	67,955.60	8.53	68,096.88
	VANDEBURGH COUNTY, IN	94.31	195.18	264.88	0.43	6.53	561.33
	WARRICK COUNTY, IN	41.04	57.42	71.08	86,615.50	3,654.89	90,439.93
	236.76	536.65	673.98	360,821.77	3,684.95	365,954.11	
GRAND TOTAL							

2005 Southwestern Indiana Area (Tons Per Year)

NO _x		ONROAD	NONROAD	AREA	EGU	POINT	TOTAL
	DUBOIS COUNTY, IN	1,203.96	848.55	360.71	87.51	216.54	2,717.27
	GIBSON COUNTY, IN	132.36	1,162.90	220.02	30,167.80	41.13	31,724.21
	PIKE COUNTY, IN	178.78	255.77	38.57	18,148.77	72.31	18,694.20
	SPENCER COUNTY, IN	177.98	727.76	88.24	21,501.05	145.17	22,640.20
	VANDEBURGH COUNTY, IN	3,150.98	2,140.34	746.06	25.41	83.94	6,146.73
	WARRICK COUNTY, IN	1,683.98	540.52	170.68	15,389.00	214.87	17,999.05
	6,528.04	5,675.84	1,624.28	85,319.54	773.96	99,921.66	
GRAND TOTAL							

2008 Southwestern Indiana Area (Tons Per Year)

Direct PM _{2.5}		ONROAD	NONROAD	AREA	EGU	POINT	TOTAL	
		DUBOIS COUNTY, IN	15.84	40.28	8.49	30.52	79.48	174.61
	GIBSON COUNTY, IN	2.09	58.39	7.43	3,625.20	6.69	3,699.80	
	PIKE COUNTY, IN	2.25	15.99	3.56	2,528.02	14.58	2,564.40	
	SPENCER COUNTY, IN	2.43	31.73	3.68	3,157.90	47.58	3,243.32	
	VANDEBURGH COUNTY, IN	45.42	95.93	8.13	0.08	65.95	215.51	
	WARRICK COUNTY, IN	23.57	32.87	5.93	2,021.27	1,064.10	3,147.74	
		91.60	275.19	37.22	11,362.99	1,278.38		
		GRAND TOTAL						13,045.38

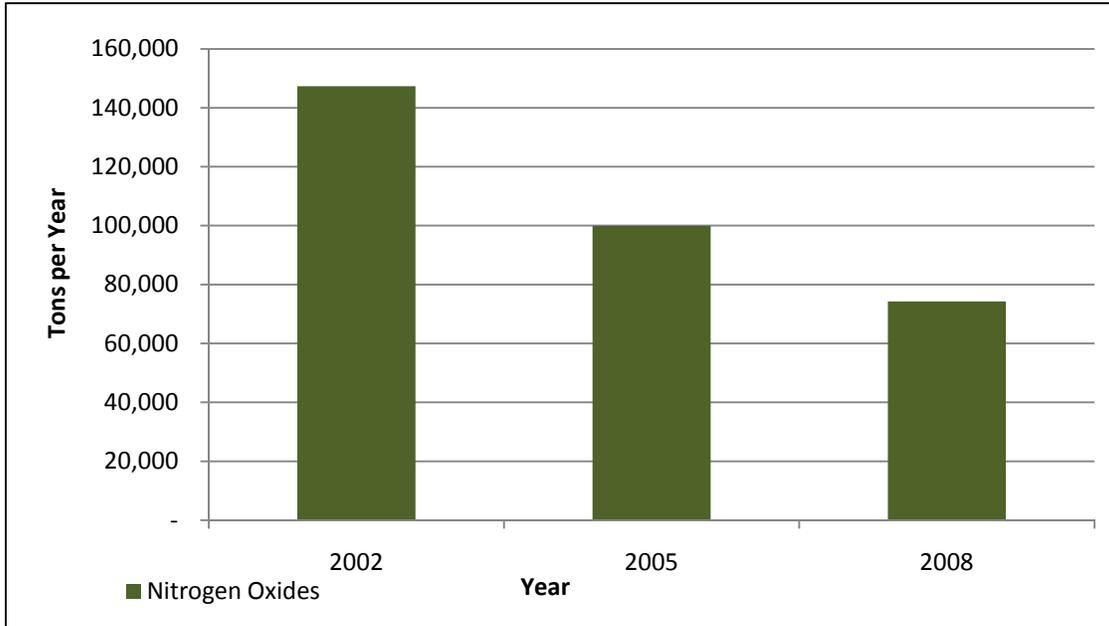
2008 Southwestern Indiana Area (Tons Per Year)

SO ₂		ONROAD	NONROAD	AREA	EGU	POINT	TOTAL	
		DUBOIS COUNTY, IN	5.32	34.63	174.06	3,244.32	9.88	3,468.21
	GIBSON COUNTY, IN	7.07	62.60	109.54	69,674.35	0.33	69,853.89	
	PIKE COUNTY, IN	2.54	13.06	22.81	36,952.22	4.87	36,995.50	
	SPENCER COUNTY, IN	4.38	33.41	38.22	69,598.53	2.91	69,677.45	
	VANDEBURGH COUNTY, IN	17.24	95.11	266.71	0.11	6.52	385.69	
	WARRICK COUNTY, IN	6.97	23.12	72.83	50,069.10	3,574.04	53,746.06	
		43.52	261.93	684.17	229,538.63	3,598.55		
		GRAND TOTAL						234,126.80

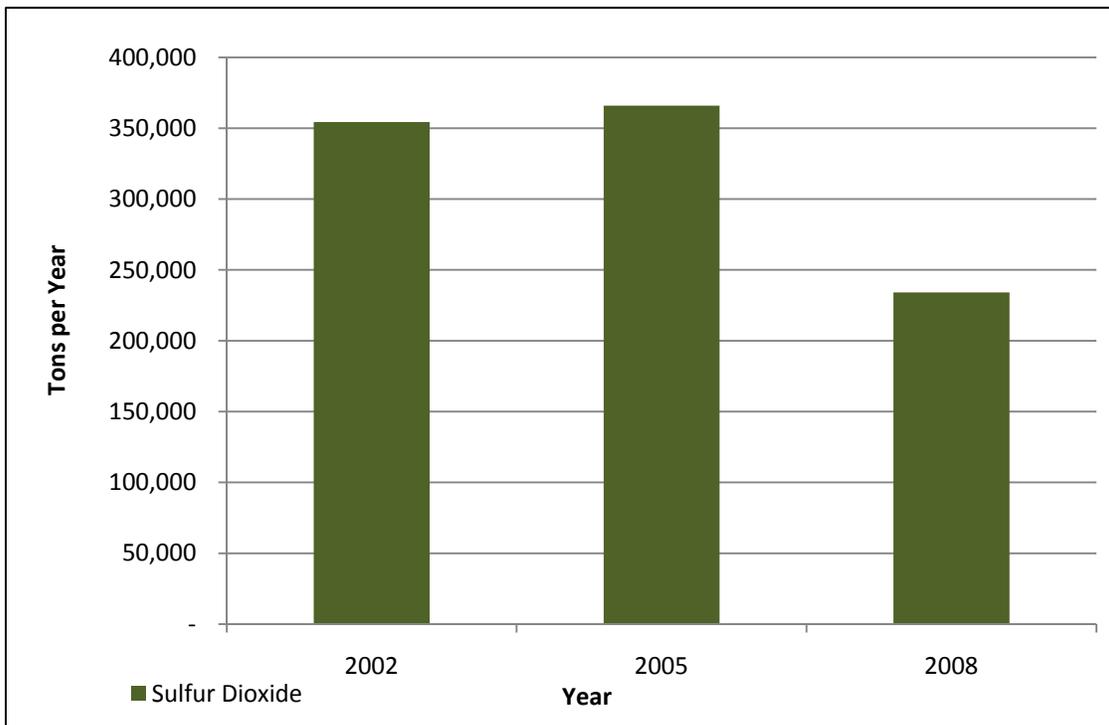
2008 Southwestern Indiana Area (Tons Per Year)

NO _x		ONROAD	NONROAD	AREA	EGU	POINT	TOTAL	
		DUBOIS COUNTY, IN	897.56	688.64	365.48	333.93	216.72	2,502.33
	GIBSON COUNTY, IN	104.41	931.59	2,223.11	12,674.10	42.77	15,975.98	
	PIKE COUNTY, IN	131.32	217.29	40.61	14,908.12	72.25	15,369.59	
	SPENCER COUNTY, IN	141.95	586.16	90.66	22,601.53	129.70	23,550.00	
	VANDEBURGH COUNTY, IN	2,451.09	1,699.60	754.77	10.97	81.12	4,997.55	
	WARRICK COUNTY, IN	1,291.73	457.58	173.96	9,750.15	218.01	11,891.43	
		5,018.06	4,580.86	3,648.59	60,278.80	760.57		
		GRAND TOTAL						74,286.88

**NO_x Emissions Trend,
All Sources, Southwestern Indiana, 2002, 2005 and 2008**



**SO₂ Emissions Trend,
All Sources, Southwestern Indiana, 2002, 2005 and 2008**



**Direct PM_{2.5} Emissions Trend,
All Sources, Southwestern Indiana, 2002, 2005 and 2008**

