



west virginia department of environmental protection

Appendix B: Emissions Inventory

Promoting a healthy environment.

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Point Sources
SO2 Emissions in Brooke County, WV
From 2011 NEI v2

Region	State	Agency	Facility Name	SCC	SCC Description	2011 SO2
54009			WELLSBURG	2275050011	Point Aircraft, General Aviation: Piston	0
54009	0002	MOUNTAIN STATE CARBON, LLC		10200602	Industrial Boilers /Natural Gas /10-100 Million Btu/hr	0
54009	0002	MOUNTAIN STATE CARBON, LLC		10200603	Industrial Boilers /Natural Gas /< 10 Million Btu/hr	0
54009	0002	MOUNTAIN STATE CARBON, LLC		10200707	Industrial Boilers /Process Gas /Coke Oven Gas	286
54009	0002	MOUNTAIN STATE CARBON, LLC		20300109	Commercial, Institutional IC EnginesDistillate Oil (Diesel) /Turbine: Exhaust	0
54009	0002	MOUNTAIN STATE CARBON, LLC		30102318	Chem Manuf /Sulfuric Acid (Contact Process) /Absorber/@ 93.0% Conversic	52
54009	0002	MOUNTAIN STATE CARBON, LLC		30300302	By-product Coke Manuf /Oven Charging	7
54009	0002	MOUNTAIN STATE CARBON, LLC		30300303	By-product Coke Manuf /Oven Pushing	72
54009	0002	MOUNTAIN STATE CARBON, LLC		30300306	By-product Coke Manuf /Oven Underfiring	96
54009	0002	MOUNTAIN STATE CARBON, LLC		30300308	By-product Coke Manuf /Oven/Door Leaks	29
54009	0002	MOUNTAIN STATE CARBON, LLC		30300314	By-product Coke Manuf /Topside Leaks	74
54009	0002	MOUNTAIN STATE CARBON, LLC		30300399	By-product Coke Manuf /Not Classified **	73
54009	0002	MOUNTAIN STATE CARBON, LLC		30300813	Iron Production /Windbox	0
54009	0002	MOUNTAIN STATE CARBON, LLC		30390024	Primary Metals /Fuel Fired Equipment /Process Gas: Flares	9
54009	0001	KOPPERS FOLLANSBEE		10200601	Industrial Boilers /Natural Gas /> 100 Million Btu/hr	0
54009	0001	KOPPERS FOLLANSBEE		10200602	Industrial Boilers /Natural Gas /10-100 Million Btu/hr	0
54009	0001	KOPPERS FOLLANSBEE		10201302	Industrial Boilers /Liquid Waste /Waste Oil	32
54009	0001	KOPPERS FOLLANSBEE		10300602	Commercial, Institutional Boilers /Natural Gas /10-100 Million Btu/hr	0
54009	0001	KOPPERS FOLLANSBEE		10300603	Commercial, Institutional Boilers /Natural Gas /< 10 Million Btu/hr	0
54009	0001	KOPPERS FOLLANSBEE		30190003	Chem Manuf /Fuel Fired Equipment /Natural Gas: Process Heaters	0
54009	0001	KOPPERS FOLLANSBEE		30190099	Chem Manuf /Fuel Fired Equipment /Specify in Comments Field	0
54009	0004	WHEELING CORRUGATING COMP/		10200602	Industrial Boilers /Natural Gas /10-100 Million Btu/hr	0
54009	0004	WHEELING CORRUGATING COMP/		10200603	Industrial Boilers /Natural Gas /< 10 Million Btu/hr	0
54009	0004	WHEELING CORRUGATING COMP/		10500106	Space Heaters /Industrial /Natural Gas	0
54009	0012	ARDAGH METAL PACKAGING USA,		39000699	In-Process Fuel Use /Natural Gas /General	0
54009	0012	ARDAGH METAL PACKAGING USA,		40201001	Surface Coating Oven Heater /Natural Gas	0
54009	0014	CROWN CORK & SEAL COMPANY (10300603	Commercial, Institutional Boilers /Natural Gas /< 10 Million Btu/hr	0
54009	0027	BALL METAL FOOD CONTAINER CC		40201001	Surface Coating Oven Heater /Natural Gas	0
54009	0053	BROOKE COUNTY LANDFILL		28888801	Int Comb /Fugitive Emissions /Other Not Classified /Specify in Comments	0
54009	0054	PRECOAT METALS		10300602	Commercial, Institutional Boilers /Natural Gas /10-100 Million Btu/hr	0
54009	0054	PRECOAT METALS		40282599	Surface Coating /Wastewater, Pts of Generation /Specify Point of Generatic	1

Brooke County Point Source Total Tons of SO2 in 2011 NEI 730

Nonroad Sources
SO2 Emissions in Brooke County, WV
From 2011 NEI v2

Region Code	SCC	SCC Description	2011 SO2
54009	2260002006	Gasoline , 2-Stroke Construction & Mining Equipment Tampers/Rammers	0.00
54009	2260002009	Gasoline , 2-Stroke Construction & Mining Equipment Plate Compactors	0.00
54009	2260002021	Gasoline , 2-Stroke Construction & Mining Equipment Paving Equipment	0.00
54009	2260002027	Gasoline , 2-Stroke Construction & Mining Equipment Signal Boards/Light Plants	0.00
54009	2260002039	Gasoline , 2-Stroke Construction & Mining Equipment Concrete/Industrial Saws	0.00
54009	2260002054	Gasoline , 2-Stroke Construction & Mining Equipment Crushing/Processing Equipment	0.00
54009	2260003030	Gasoline , 2-Stroke Industrial Equipment Sweepers/Scrubbers	0.00
54009	2260003040	Gasoline , 2-Stroke Industrial Equipment Other General Industrial Equipment	0.00
54009	2260004015	Gasoline , 2-Stroke Lawn & Garden Equipment Rotary Tillers < 6 HP (Residential)	0.00
54009	2260004016	Gasoline , 2-Stroke Lawn & Garden Equipment Rotary Tillers < 6 HP (Commercial)	0.00
54009	2260004020	Gasoline , 2-Stroke Lawn & Garden Equipment Chain Saws < 6 HP (Residential)	0.00
54009	2260004021	Gasoline , 2-Stroke Lawn & Garden Equipment Chain Saws < 6 HP (Commercial)	0.00
54009	2260004025	Gasoline , 2-Stroke Lawn & Garden Equipment Trimmers/Edgers/Brush Cutters (Residential)	0.00
54009	2260004026	Gasoline , 2-Stroke Lawn & Garden Equipment Trimmers/Edgers/Brush Cutters (Commercial)	0.00
54009	2260004030	Gasoline , 2-Stroke Lawn & Garden Equipment Leafblowers/Vacuums (Residential)	0.00
54009	2260004031	Gasoline , 2-Stroke Lawn & Garden Equipment Leafblowers/Vacuums (Commercial)	0.00
54009	2260004035	Gasoline , 2-Stroke Lawn & Garden Equipment Snowblowers (Residential)	0.00
54009	2260004036	Gasoline , 2-Stroke Lawn & Garden Equipment Snowblowers (Commercial)	0.00
54009	2260004071	Gasoline , 2-Stroke Lawn & Garden Equipment Turf Equipment (Commercial)	0.00
54009	2260005035	Gasoline , 2-Stroke Agricultural Equipment Sprayers	0.00
54009	2260006005	Gasoline , 2-Stroke Commercial Equipment Generator Sets	0.00
54009	2260006010	Gasoline , 2-Stroke Commercial Equipment Pumps	0.00
54009	2260006015	Gasoline , 2-Stroke Commercial Equipment Air Compressors	0.00
54009	2260006035	Gasoline , 2-Stroke Commercial Equipment Hydro-power Units	0.00
54009	2260007005	Gasoline , 2-Stroke Logging Equipment Chain Saws : 6 HP	0.00
54009	2265001050	Gasoline , 4-Stroke Recreational Equipment Golf Carts	0.00
54009	2265002003	Gasoline , 4-Stroke Construction & Mining Equipment Pavers	0.00
54009	2265002006	Gasoline , 4-Stroke Construction & Mining Equipment Tampers/Rammers	0.00
54009	2265002009	Gasoline , 4-Stroke Construction & Mining Equipment Plate Compactors	0.00
54009	2265002015	Gasoline , 4-Stroke Construction & Mining Equipment Rollers	0.00
54009	2265002021	Gasoline , 4-Stroke Construction & Mining Equipment Paving Equipment	0.00
54009	2265002024	Gasoline , 4-Stroke Construction & Mining Equipment Surfacing Equipment	0.00
54009	2265002027	Gasoline , 4-Stroke Construction & Mining Equipment Signal Boards/Light Plants	0.00
54009	2265002030	Gasoline , 4-Stroke Construction & Mining Equipment Trenchers	0.00
54009	2265002033	Gasoline , 4-Stroke Construction & Mining Equipment Bore/Drill Rigs	0.00
54009	2265002039	Gasoline , 4-Stroke Construction & Mining Equipment Concrete/Industrial Saws	0.00
54009	2265002042	Gasoline , 4-Stroke Construction & Mining Equipment Cement & Mortar Mixers	0.00
54009	2265002045	Gasoline , 4-Stroke Construction & Mining Equipment Cranes	0.00
54009	2265002054	Gasoline , 4-Stroke Construction & Mining Equipment Crushing/Processing Equipment	0.00
54009	2265002057	Gasoline , 4-Stroke Construction & Mining Equipment Rough Terrain Forklifts	0.00
54009	2265002060	Gasoline , 4-Stroke Construction & Mining Equipment Rubber Tire Loaders	0.00
54009	2265002066	Gasoline , 4-Stroke Construction & Mining Equipment Tractors/Loaders/Backhoes	0.00
54009	2265002072	Gasoline , 4-Stroke Construction & Mining Equipment Skid Steer Loaders	0.00
54009	2265002078	Gasoline , 4-Stroke Construction & Mining Equipment Dumpers/Tenders	0.00
54009	2265002081	Gasoline , 4-Stroke Construction & Mining Equipment Other Construction Equipment	0.00
54009	2265003010	Gasoline , 4-Stroke Industrial Equipment Aerial Lifts	0.00
54009	2265003020	Gasoline , 4-Stroke Industrial Equipment Forklifts	0.00
54009	2265003030	Gasoline , 4-Stroke Industrial Equipment Sweepers/Scrubbers	0.00
54009	2265003040	Gasoline , 4-Stroke Industrial Equipment Other General Industrial Equipment	0.00
54009	2265003050	Gasoline , 4-Stroke Industrial Equipment Other Material H&ling Equipment	0.00
54009	2265003060	Gasoline , 4-Stroke Industrial Equipment AC\Refrigeration	0.00

Nonroad Sources
SO2 Emissions in Brooke County, WV
From 2011 NEI v2

Region Code	SCC	SCC Description	2011 SO2
54009	2265003070	Gasoline , 4-Stroke Industrial Equipment Terminal Tractors	0.00
54009	2265004010	Gasoline , 4-Stroke Lawn & Garden Equipment Lawn Mowers (Residential)	0.00
54009	2265004011	Gasoline , 4-Stroke Lawn & Garden Equipment Lawn Mowers (Commercial)	0.00
54009	2265004015	Gasoline , 4-Stroke Lawn & Garden Equipment Rotary Tillers < 6 HP (Residential)	0.00
54009	2265004016	Gasoline , 4-Stroke Lawn & Garden Equipment Rotary Tillers < 6 HP (Commercial)	0.00
54009	2265004025	Gasoline , 4-Stroke Lawn & Garden Equipment Trimmers/Edgers/Brush Cutters (Residential)	0.00
54009	2265004026	Gasoline , 4-Stroke Lawn & Garden Equipment Trimmers/Edgers/Brush Cutters (Commercial)	0.00
54009	2265004030	Gasoline , 4-Stroke Lawn & Garden Equipment Leafblowers/Vacuums (Residential)	0.00
54009	2265004031	Gasoline , 4-Stroke Lawn & Garden Equipment Leafblowers/Vacuums (Commercial)	0.00
54009	2265004035	Gasoline , 4-Stroke Lawn & Garden Equipment Snowblowers (Residential)	0.00
54009	2265004036	Gasoline , 4-Stroke Lawn & Garden Equipment Snowblowers (Commercial)	0.00
54009	2265004040	Gasoline , 4-Stroke Lawn & Garden Equipment Rear Engine Riding Mowers (Residential)	0.00
54009	2265004041	Gasoline , 4-Stroke Lawn & Garden Equipment Rear Engine Riding Mowers (Commercial)	0.00
54009	2265004046	Gasoline , 4-Stroke Lawn & Garden Equipment Front Mowers (Commercial)	0.00
54009	2265004051	Gasoline , 4-Stroke Lawn & Garden Equipment Shredders < 6 HP (Commercial)	0.00
54009	2265004055	Gasoline , 4-Stroke Lawn & Garden Equipment Lawn & Garden Tractors (Residential)	0.01
54009	2265004056	Gasoline , 4-Stroke Lawn & Garden Equipment Lawn & Garden Tractors (Commercial)	0.00
54009	2265004066	Gasoline , 4-Stroke Lawn & Garden Equipment Chippers/Stump Grinders (Commercial)	0.00
54009	2265004071	Gasoline , 4-Stroke Lawn & Garden Equipment Turf Equipment (Commercial)	0.00
54009	2265004075	Gasoline , 4-Stroke Lawn & Garden Equipment Other Lawn & Garden Equipment (Residential)	0.00
54009	2265004076	Gasoline , 4-Stroke Lawn & Garden Equipment Other Lawn & Garden Equipment (Commercial)	0.00
54009	2265005010	Gasoline , 4-Stroke Agricultural Equipment 2-Wheel Tractors	0.00
54009	2265005015	Gasoline , 4-Stroke Agricultural Equipment Agricultural Tractors	0.00
54009	2265005025	Gasoline , 4-Stroke Agricultural Equipment Balers	0.00
54009	2265005030	Gasoline , 4-Stroke Agricultural Equipment Agricultural Mowers	0.00
54009	2265005035	Gasoline , 4-Stroke Agricultural Equipment Sprayers	0.00
54009	2265005040	Gasoline , 4-Stroke Agricultural Equipment Tillers : 6 HP	0.00
54009	2265005045	Gasoline , 4-Stroke Agricultural Equipment Swathers	0.00
54009	2265005055	Gasoline , 4-Stroke Agricultural Equipment Other Agricultural Equipment	0.00
54009	2265005060	Gasoline , 4-Stroke Agricultural Equipment Irrigation Sets	0.00
54009	2265006005	Gasoline , 4-Stroke Commercial Equipment Generator Sets	0.00
54009	2265006010	Gasoline , 4-Stroke Commercial Equipment Pumps	0.00
54009	2265006015	Gasoline , 4-Stroke Commercial Equipment Air Compressors	0.00
54009	2265006025	Gasoline , 4-Stroke Commercial Equipment Welders	0.00
54009	2265006030	Gasoline , 4-Stroke Commercial Equipment Pressure Washers	0.00
54009	2265006035	Gasoline , 4-Stroke Commercial Equipment Hydro-power Units	0.00
54009	2265007010	Gasoline , 4-Stroke Logging Equipment Shredders : 6 HP	0.00
54009	2265007015	Gasoline , 4-Stroke Logging Equipment Forest Equipment Feller/Bunch/Skidder	0.00
54009	2267002003	LPG, Construction & Mining Equipment: Pavers	0.00
54009	2267002015	LPG, Construction & Mining Equipment: Rollers	0.00
54009	2267002021	LPG, Construction & Mining Equipment: Paving Equipment	0.00
54009	2267002024	LPG, Construction & Mining Equipment: Surfacing Equipment	0.00
54009	2267002030	LPG, Construction & Mining Equipment: Trenchers	0.00
54009	2267002033	LPG, Construction & Mining Equipment: Bore/Drill Rigs	0.00
54009	2267002039	LPG, Construction & Mining Equipment: Concrete/Industrial Saws	0.00
54009	2267002045	LPG, Construction & Mining Equipment: Cranes	0.00
54009	2267002054	LPG, Construction & Mining Equipment: Crushing/Processing Equipment	0.00
54009	2267002057	LPG, Construction & Mining Equipment: Rough Terrain Forklifts	0.00
54009	2267002060	LPG, Construction & Mining Equipment: Rubber Tire Loaders	0.00
54009	2267002066	LPG, Construction & Mining Equipment: Tractors/Loaders/Backhoes	0.00
54009	2267002072	LPG, Construction & Mining Equipment: Skid Steer Loaders	0.00

Nonroad Sources
SO2 Emissions in Brooke County, WV
From 2011 NEI v2

Region			2011
Code	SCC	SCC Description	SO2
54009	2267002081	LPG, Construction & Mining Equipment: Other Construction Equipment	0.00
54009	2267003010	LPG, Industrial Equipment: Aerial Lifts	0.00
54009	2267003020	LPG, Industrial Equipment: Forklifts	0.12
54009	2267003030	LPG, Industrial Equipment: Sweepers/Scrubbers	0.00
54009	2267003040	LPG, Industrial Equipment: Other General Industrial Equipment	0.00
54009	2267003050	LPG, Industrial Equipment: Other Material H&ling Equipment	0.00
54009	2267003070	LPG, Industrial Equipment: Terminal Tractors	0.00
54009	2267004066	LPG, Lawn & Garden Equipment: Chippers/Stump Grinders (Commercial)	0.00
54009	2267005055	LPG, Agricultural Equipment: Other Agricultural Equipment	0.00
54009	2267006005	LPG, Commercial Equipment: Generator Sets	0.00
54009	2267006010	LPG, Commercial Equipment: Pumps	0.00
54009	2267006015	LPG, Commercial Equipment: Air Compressors	0.00
54009	2267006025	LPG, Commercial Equipment: Welders	0.00
54009	2267006030	LPG, Commercial Equipment: Pressure Washers	0.00
54009	2267006035	LPG, Commercial Equipment: Hydro-power Units	0.00
54009	2268002081	CNG, Construction & Mining Equipt: Other Construction Equipt	0.00
54009	2268003020	CNG, Industrial Equipt: Forklifts	0.01
54009	2268003030	CNG, Industrial Equipt: Sweepers/Scrubbers	0.00
54009	2268003040	CNG, Industrial Equipt: Other General Industrial Equipt	0.00
54009	2268003060	CNG, Industrial Equipt: AC\Refrigeration	0.00
54009	2268003070	CNG, Industrial Equipt: Terminal Tractors	0.00
54009	2268005055	CNG, Agricultural Equipt: Other Agricultural Equipt	0.00
54009	2268005060	CNG, Agricultural Equipt: Irrigation Sets	0.00
54009	2268006005	CNG, Commercial Equipt: Generator Sets	0.00
54009	2268006010	CNG, Commercial Equipt: Pumps	0.00
54009	2268006015	CNG, Commercial Equipt: Air Compressors	0.00
54009	2268006020	CNG, Commercial Equipt: Gas Compressors	0.00
54009	2270002003	Diesel, Construction & Mining Equipt: Pavers	0.00
54009	2270002006	Diesel, Construction & Mining Equipt: Tampers/Rammers	0.00
54009	2270002009	Diesel, Construction & Mining Equipt: Plate Compactors	0.00
54009	2270002015	Diesel, Construction & Mining Equipt: Rollers	0.00
54009	2270002018	Diesel, Construction & Mining Equipt: Scrapers	0.00
54009	2270002021	Diesel, Construction & Mining Equipt: Paving Equipt	0.00
54009	2270002024	Diesel, Construction & Mining Equipt: Surfacing Equipt	0.00
54009	2270002027	Diesel, Construction & Mining Equipt: Signal Boards/Light Plants	0.00
54009	2270002030	Diesel, Construction & Mining Equipt: Trenchers	0.00
54009	2270002033	Diesel, Construction & Mining Equipt: Bore/Drill Rigs	0.00
54009	2270002036	Diesel, Construction & Mining Equipt: Excavators	0.01
54009	2270002039	Diesel, Construction & Mining Equipt: Concrete/Industrial Saws	0.00
54009	2270002042	Diesel, Construction & Mining Equipt: Cement & Mortar Mixers	0.00
54009	2270002045	Diesel, Construction & Mining Equipt: Cranes	0.00
54009	2270002048	Diesel, Construction & Mining Equipt: Graders	0.00
54009	2270002051	Diesel, Construction & Mining Equipt: Nonroad Trucks	0.01
54009	2270002054	Diesel, Construction & Mining Equipt: Crushing/Processing Equipt	0.00
54009	2270002057	Diesel, Construction & Mining Equipt: Rough Terrain Forklifts	0.00
54009	2270002060	Diesel, Construction & Mining Equipt: Rubber Tire Loaders	0.01
54009	2270002066	Diesel, Construction & Mining Equipt: Tractors/Loaders/Backhoes	0.01
54009	2270002069	Diesel, Construction & Mining Equipt: Crawler Tractor/Dozers	0.01
54009	2270002072	Diesel, Construction & Mining Equipt: Skid Steer Loaders	0.00
54009	2270002075	Diesel, Construction & Mining Equipt: Nonroad Tractors	0.00
54009	2270002078	Diesel, Construction & Mining Equipt: Dumpers/Tenders	0.00

Nonroad Sources
SO2 Emissions in Brooke County, WV
From 2011 NEI v2

Region			2011
Code	SCC	SCC Description	SO2
54009	2270002081	Diesel, Construction & Mining Equip: Other Construction Equip	0.00
54009	2270003010	Diesel, Industrial Equip: Aerial Lifts	0.00
54009	2270003020	Diesel, Industrial Equip: Forklifts	0.03
54009	2270003030	Diesel, Industrial Equip: Sweepers/Scrubbers	0.01
54009	2270003040	Diesel, Industrial Equip: Other General Industrial Equip	0.01
54009	2270003050	Diesel, Industrial Equip: Other Material H&ling Equip	0.00
54009	2270003060	Diesel, Industrial Equip: AC\Refrigeration	0.01
54009	2270003070	Diesel, Industrial Equip: Terminal Tractors	0.02
54009	2270004031	Diesel, Lawn & Garden Equip: Leafblowers/Vacuums (Commercial)	0.00
54009	2270004036	Diesel, Lawn & Garden Equip: Snowblowers (Commercial)	0.00
54009	2270004046	Diesel, Lawn & Garden Equip: Front Mowers (Commercial)	0.00
54009	2270004056	Diesel, Lawn & Garden Equip: Lawn & Garden Tractors (Commercial)	0.00
54009	2270004066	Diesel, Lawn & Garden Equip: Chippers/Stump Grinders (Commercial)	0.00
54009	2270004071	Diesel, Lawn & Garden Equip: Turf Equip (Commercial)	0.00
54009	2270004076	Diesel, Lawn & Garden Equip: Other Lawn & Garden Equip (Commercial)	0.00
54009	2270005010	Diesel, Agricultural Equip: 2-Wheel Tractors	0.00
54009	2270005015	Diesel, Agricultural Equip: Agricultural Tractors	0.01
54009	2270005020	Diesel, Agricultural Equip: Combines	0.00
54009	2270005025	Diesel, Agricultural Equip: Balers	0.00
54009	2270005030	Diesel, Agricultural Equip: Agricultural Mowers	0.00
54009	2270005035	Diesel, Agricultural Equip: Sprayers	0.00
54009	2270005040	Diesel, Agricultural Equip: Tillers : 6 HP	0.00
54009	2270005045	Diesel, Agricultural Equip: Swathers	0.00
54009	2270005055	Diesel, Agricultural Equip: Other Agricultural Equip	0.00
54009	2270005060	Diesel, Agricultural Equip: Irrigation Sets	0.00
54009	2270006005	Diesel, Commercial Equip: Generator Sets	0.00
54009	2270006010	Diesel, Commercial Equip: Pumps	0.00
54009	2270006015	Diesel, Commercial Equip: Air Compressors	0.00
54009	2270006025	Diesel, Commercial Equip: Welders	0.00
54009	2270006030	Diesel, Commercial Equip: Pressure Washers	0.00
54009	2270006035	Diesel, Commercial Equip: Hydro-power Units	0.00
54009	2270007015	Diesel, Logging Equip: Forest Equip - Feller/Bunch/Skidder	0.00
54009	2270009010	Nonroad: Diesel, Underground Mining Equip: Other Underground Mining Equip	0.01
54009	2282005010	Pleasure Craft, Gasoline 2-Stroke: Outboard	0.01
54009	2282005015	Pleasure Craft, Gasoline 2-Stroke: Personal Water Craft	0.00
54009	2282010005	Pleasure Craft, Gasoline 4-Stroke: Inboard/Sterndrive	0.01
54009	2282020005	Pleasure Craft, Diesel: Inboard/Sterndrive	0.01
54009	2282020010	Pleasure Craft, Diesel: Outboard	0.00
54009	2285002015	Nonroad Railroad Equipment, Diesel: Railway Maintenance	0.00
54009	2285004015	Nonroad Railroad Equipment, Gasoline, 4-Stroke: Railway Maintenance	0.00
54009	2285006015	Nonroad Railroad Equipment, LPG: Railway Maintenance	0.00

Brooke County Nonroad Source Total Tons SO2 in 2011 NEI 0.37

Marine, Air, Rail Sources
 SO2 Emissions in Brooke County, WV
 From 2011 NEI v2

Region			2011
Code	SCC	SCC Description	SO2
54009	2280002200	CMVs, Diesel: Underway emissions	2.10
54009	2285002006	Area Railroad Equipment, Diesel, Line Haul Locomotives: Class I Operations	0.03
54009	2285002007	Area Railroad Equipment, Diesel, Line Haul Locomotives: Class II / III Operations	0.02

Brooke County MAR Source Total Tons SO2

Wildfires, Prescribed Burning Sources
There Were No Fire Emissions in Brooke County, WV
From 2011 NEI v2

Region Code	SCC	SCC Description	SO2 Emissions in 2011
54001	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54001	2811015000	Prescribed Forest Burning - Unspecified	2
54003	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54003	2811015000	Prescribed Forest Burning - Unspecified	1
54005	2810001000	Forest Wildfires - Wildfires - Unspecified	63
54005	2811015000	Prescribed Forest Burning - Unspecified	43
54007	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54007	2811015000	Prescribed Forest Burning - Unspecified	7
54011	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54011	2811015000	Prescribed Forest Burning - Unspecified	2
54013	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54015	2810001000	Forest Wildfires - Wildfires - Unspecified	6
54015	2811015000	Prescribed Forest Burning - Unspecified	2
54017	2810001000	Forest Wildfires - Wildfires - Unspecified	1
54019	2810001000	Forest Wildfires - Wildfires - Unspecified	4
54019	2811015000	Prescribed Forest Burning - Unspecified	23
54021	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54023	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54023	2811015000	Prescribed Forest Burning - Unspecified	1
54025	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54025	2811015000	Prescribed Forest Burning - Unspecified	10
54027	2810001000	Forest Wildfires - Wildfires - Unspecified	1
54031	2810001000	Forest Wildfires - Wildfires - Unspecified	1
54031	2811015000	Prescribed Forest Burning - Unspecified	8
54033	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54035	2810001000	Forest Wildfires - Wildfires - Unspecified	1
54039	2810001000	Forest Wildfires - Wildfires - Unspecified	31
54039	2811015000	Prescribed Forest Burning - Unspecified	43
54041	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54043	2810001000	Forest Wildfires - Wildfires - Unspecified	5
54043	2811015000	Prescribed Forest Burning - Unspecified	22
54045	2810001000	Forest Wildfires - Wildfires - Unspecified	4
54045	2811015000	Prescribed Forest Burning - Unspecified	25
54047	2810001000	Forest Wildfires - Wildfires - Unspecified	47
54047	2811015000	Prescribed Forest Burning - Unspecified	37
54049	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54051	2811015000	Prescribed Forest Burning - Unspecified	4
54053	2810001000	Forest Wildfires - Wildfires - Unspecified	1
54053	2811015000	Prescribed Forest Burning - Unspecified	5
54055	2810001000	Forest Wildfires - Wildfires - Unspecified	2
54055	2811015000	Prescribed Forest Burning - Unspecified	11
54057	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54059	2810001000	Forest Wildfires - Wildfires - Unspecified	55
54059	2811015000	Prescribed Forest Burning - Unspecified	42
54061	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54063	2810001000	Forest Wildfires - Wildfires - Unspecified	1
54063	2811015000	Prescribed Forest Burning - Unspecified	2
54065	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54067	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54067	2811015000	Prescribed Forest Burning - Unspecified	19

Wildfires, Prescribed Burning Sources
 There Were No Fire Emissions in Brooke County, WV
 From 2011 NEI v2

Region Code	SCC	SCC Description	SO2 Emissions in 2011
54069	2811015000	Prescribed Forest Burning - Unspecified	2
54071	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54071	2811015000	Prescribed Forest Burning - Unspecified	3
54073	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54075	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54075	2811015000	Prescribed Forest Burning - Unspecified	5
54077	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54077	2811015000	Prescribed Forest Burning - Unspecified	6
54079	2810001000	Forest Wildfires - Wildfires - Unspecified	2
54079	2811015000	Prescribed Forest Burning - Unspecified	2
54081	2810001000	Forest Wildfires - Wildfires - Unspecified	13
54081	2811015000	Prescribed Forest Burning - Unspecified	23
54083	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54083	2811015000	Prescribed Forest Burning - Unspecified	7
54085	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54087	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54089	2810001000	Forest Wildfires - Wildfires - Unspecified	1
54089	2811015000	Prescribed Forest Burning - Unspecified	1
54091	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54091	2811015000	Prescribed Forest Burning - Unspecified	2
54093	2811015000	Prescribed Forest Burning - Unspecified	5
54095	2811015000	Prescribed Forest Burning - Unspecified	1
54097	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54099	2810001000	Forest Wildfires - Wildfires - Unspecified	8
54099	2811015000	Prescribed Forest Burning - Unspecified	3
54101	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54101	2811015000	Prescribed Forest Burning - Unspecified	14
54103	2811015000	Prescribed Forest Burning - Unspecified	22
54105	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54107	2810001000	Forest Wildfires - Wildfires - Unspecified	0
54109	2810001000	Forest Wildfires - Wildfires - Unspecified	12
54109	2811015000	Prescribed Forest Burning - Unspecified	11

Area Sources
SO2 Emissions in Brooke County, WV
From 2011 NEI v2

Region	Code	SCC	SCC Description	2011 SO2
	54009	2102002000	Industrial Bituminous/SubBituminous Total: All Boiler Types	118
	54009	2102004000	Industrial Distillate Oil Total: Boilers and IC Engines	7
	54009	2102005000	Industrial Residual Oil Total: All Boiler Types	3
	54009	2102006000	Industrial Natural Gas Total: Boilers and IC Engines	0
	54009	2102011000	Industrial Kerosene Total: All Boiler Types	0
	54009	2103004000	Commercial Institutional Distillate Oil Total: Boilers and IC Engines	0
	54009	2103005000	Commercial Institutional Residual Oil Total: All Boiler Types	0
	54009	2103006000	Commercial Institutional Natural Gas Total: Boilers and IC Engines	0
	54009	2103008000	Commercial Institutional Wood Total: All Boiler Types	0
	54009	2103011000	Commercial Institutional Kerosene Total: All Combustor Types	0
	54009	2104001000	Residential Anthracite Total: All Combustor Types	0
	54009	2104002000	Residential Bituminous/SubBituminous Total: All Combustor Types	0
	54009	2104004000	Residential Distillate Oil Total: All Combustor Types	8
	54009	2104006000	Residential Natural Gas Total: All Combustor Types	0
	54009	2104007000	Residential Liquified Petroleum Gas Total: All Combustor Types	0
	54009	2104008100	Residential Wood Fireplace: general	0
	54009	2104008210	Residential Wood Woodstove: fireplace inserts; non-EPA certified	0
	54009	2104008220	Residential Wood Woodstove: fireplace inserts; EPA certified; non-catalytic	0
	54009	2104008230	Residential Wood Woodstove: fireplace inserts; EPA certified; catalytic	0
	54009	2104008310	Residential Wood Woodstove: freestanding, non-EPA certified	0
	54009	2104008320	Residential Wood Woodstove: freestanding, EPA certified, non-catalytic	0
	54009	2104008330	Residential Wood Woodstove: freestanding, EPA certified, catalytic	0
	54009	2104008400	Residential Wood Woodstove: pellet-fired, general (freestanding or FP insert)	0
	54009	2104008510	Residential Wood Furnace: Indoor, cordwood-fired, non-EPA certified	0
	54009	2104008610	Residential Wood Hydronic heater: outdoor	1
	54009	2104008700	Residential Wood Outdoor wood burning device, NEC (fire-pits, chimeas, etc)	0
	54009	2104011000	Residential Kerosene Total: All Heater Types	4
	54009	2302002200	Food & Kindred Products /Commercial Cooking - Charbroiling /Under-fired Charbroiling	0
	54009	2310000220	Oil & Gas Expl & Prod /All Processes /Drill Rigs	0
	54009	2310000330	Oil & Gas Expl & Prod /All Processes /Artificial Lift	0
	54009	2310000660	Oil and Gas Exploration and Production All Processes Hydraulic Fracturing Engines	0
	54009	2310010200	Oil & Gas Expl & Prod /Crude Petroleum /Oil Well Tanks - Flashing & Standing/Working/Breathing	0
	54009	2310011000	On-Shore Oil Production /Total: All Processes	0
	54009	2310021010	On-Shore Gas Production /Storage Tanks: Condensate	0
	54009	2310021100	On-Shore Gas Production /Gas Well Heaters	0
	54009	2310021202	On-Shore Gas Production /Natural Gas Fired 4Cycle Lean Burn Compressor Engines 50 To 499 HP	0
	54009	2310021251	Oil and Gas Exploration and Production On-Shore Gas Production Lateral Compressors 4 Cycle Lean Burn	0
	54009	2310021302	On-Shore Gas Production /Natural Gas Fired 4Cycle Rich Burn Compressor Engines 50 To 499 HP	0
	54009	2310021351	Oil and Gas Exploration and Production On-Shore Gas Production Lateral Compressors 4 Cycle Rich Burn	0
	54009	2310021400	On-Shore Gas Production /Gas Well Dehydrators	0
	54009	2310021603	On-Shore Gas Production / Gas Well Venting - Blowdowns	0
	54009	2310023010	Coal Bed Methane Natural Gas, Storage Tanks: Condensate	0
	54009	2310023100	Coal Bed Methane Natural Gas, CBM Well Heaters	0
	54009	2310023202	Coal Bed Methane Natural Gas, CBM Fired 4Cycle Lean Burn Compressor Engines 50 To 499 HP	0
	54009	2310023251	Coal Bed Methane Natural Gas, Lateral Compressors 4 Cycle Lean Burn	0
	54009	2310023302	Coal Bed Methane Natural Gas, CBM Fired 4Cycle Rich Burn Compressor Engines 50 To 499 HP	0
	54009	2310023351	Coal Bed Methane Natural Gas, Lateral Compressors 4 Cycle Rich Burn	0
	54009	2310023400	Coal Bed Methane NG / Dehydrators	0
	54009	2310023600	Coal Bed Methane Natural Gas, CBM Well Completion: All Processes	0
	54009	2310023603	Coal Bed Methane NG / Venting - Blowdowns	0
	54009	2310111700	On-Shore Oil Exploration /Oil Well Completion: All Processes	1
	54009	2310121700	On-Shore Gas Exploration /Gas Well Completion: All Processes	12
	54009	2610000100	Open Burning /All Categories /Yard Waste - Leaf Species Unspecified	0
	54009	2610000400	Open Burning /All Categories /Yard Waste - Brush Species Unspecified	0
	54009	2610030000	Open Burning /Residential /Household Waste (use 26-10-000-xxx for Yard Wastes)	1
	54009	2801500000	Agric - Crops /Field Burning - whole field set on fire /Unspecified	0
	54009	2810060100	Cremation /Humans	0

Brooke County Area Source Total Tons SO2 in 2011 NEI 154