

Sources Near MANE-VU Class I Areas

Emissions in Counties Containing Class I Areas

Prepared March 3, 2006

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Counties with Class I Areas

- Acadia – Hancock County, ME
- Moosehorn & Roosevelt Campobello–
Washington County, ME
- Great Gulf & Presidential Range/Dry River
– Coos County, NH
- Brigantine – Atlantic County, NJ
- Lye Brook – Bennington County, VT

Emission Source Categories

- Electric Generating Units
- Non-EGU Fuel Combustion*
- Industrial Processes*
- Off-Highway Vehicles
- Highway Vehicles
- Open/Biomass Burning*
- Crustal/Fugitive Dust/Other Area Sources*

*See lists of SCCs included

Non-EGU Fuel Combustion SCC Titles

- All Stationary Source Fuel Combustion – Industrial, Commercial & Institutional, others
- Other Combustion
- All External Combustion Boiler – Industrial, Commercial and Institutional
- All Internal Combustion Boiler – Industrial, Commercial and Institutional
- Industrial Process – In process fuel use

Industrial Process SCC Titles

- All Industrial Process
- Solvent Utilization
- Storage & Transport
- Industrial Process in Point source
- Petroleum & solvent evaporation
- MACT source categories

Open/Biomass Burning SCCs

- Waste Disposal, Treatment, and recovery
– Area Source
- Natural Sources
- Waste Disposal – Point Source
- Residential Wood

Crustal/Fugitive Dust/Other

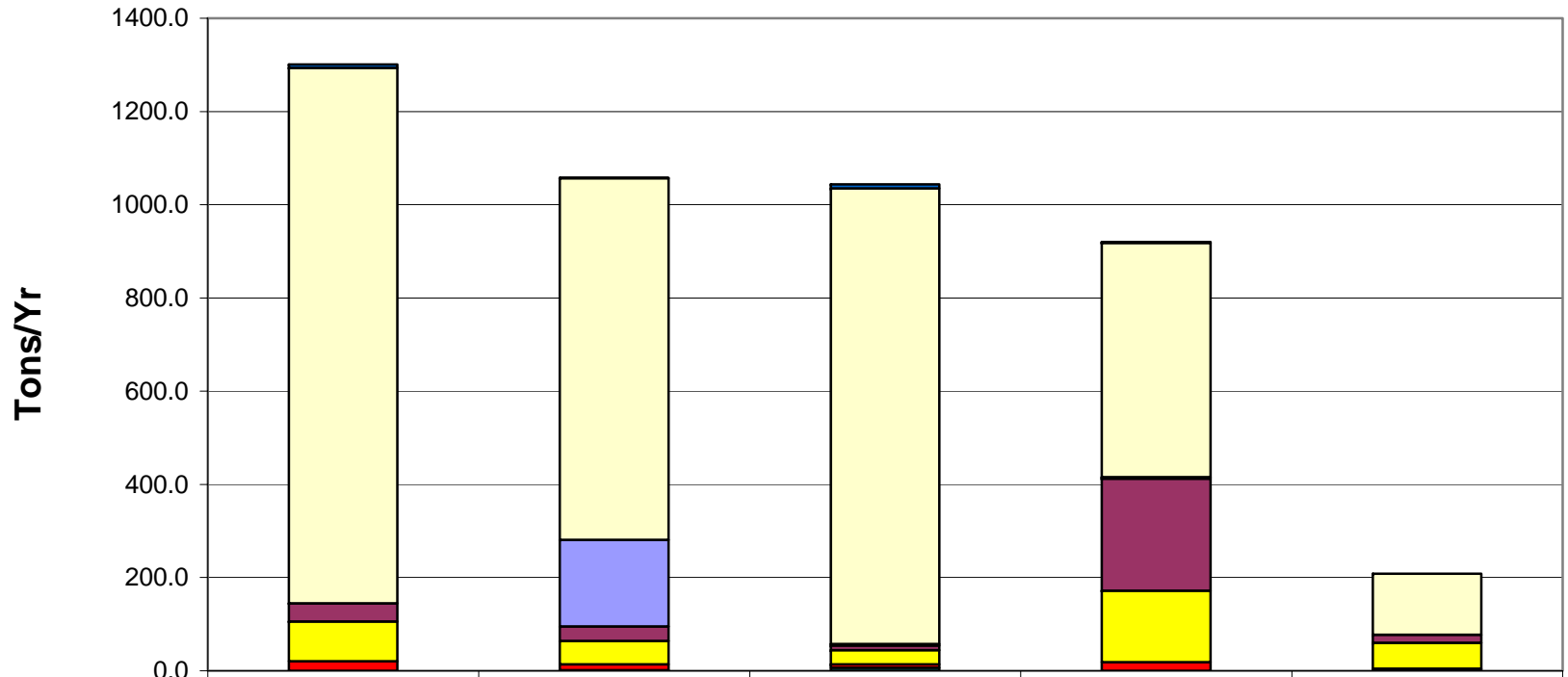
- Paved Roads
- Unpaved Roads
- Industrial Construction
- Mining and Quarrying
- Miscellaneous Area Sources
- Agricultural

What's next?

- Is this type of information useful/needed?
- Should MARAMA develop similar charts for sources within some specific distance of the Class I areas?
- What other information do the Class I states plan to develop about emissions sources near their Class I areas?

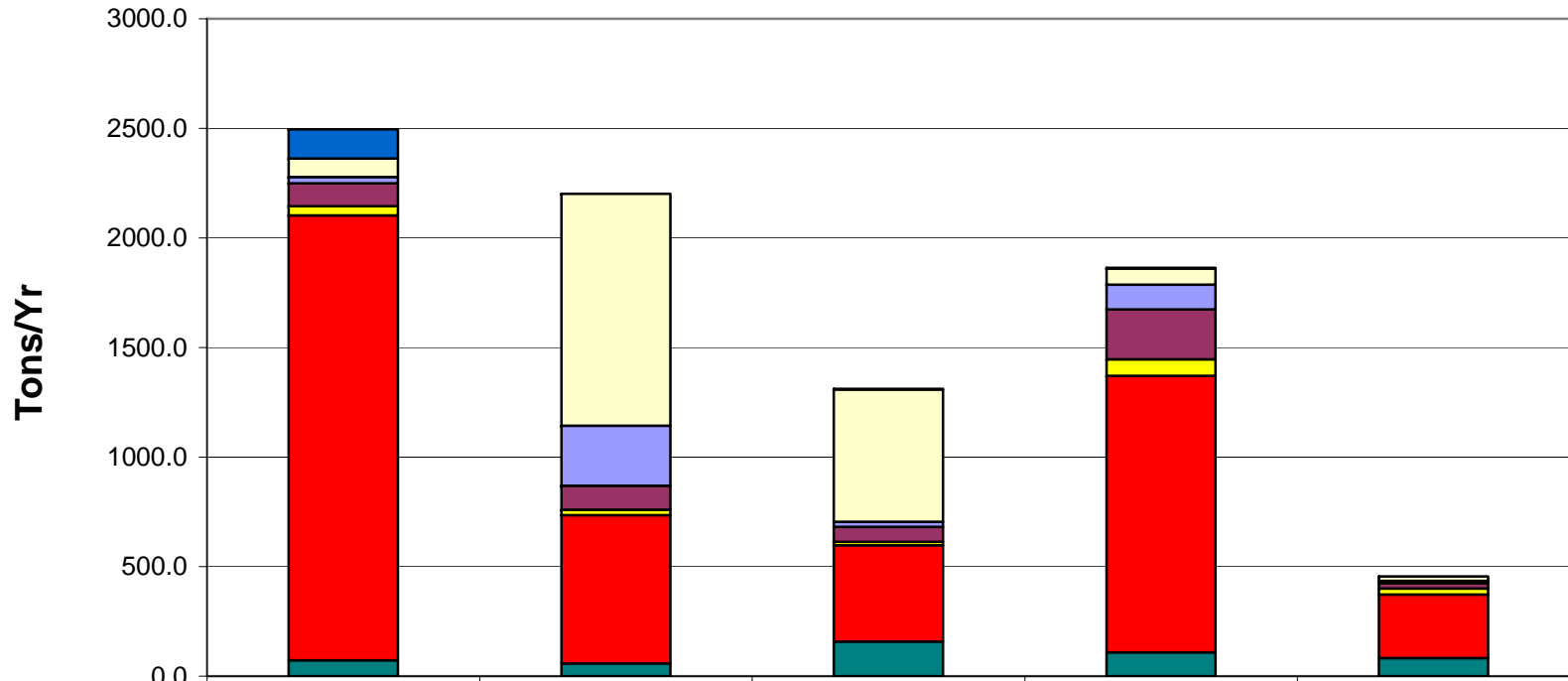
SO₂ Source Distribution in MANE-VU Class 1 Area Counties

Prepared March 3, 2006 (MANE-VU Emissions Inventory Version 2)



	Acadia (Tons/Yr)	Moosehorn & Roosevelt (Tons/Yr)	Great Gulf & Presidential (Tons/Yr)	Brigantine (Tons/Yr)	Lye Brook (Tons/Yr)
■ EGU	7.8	0.1	8.8	2.1	0.0
■ Other Fuel Combustion	1148.5	776.1	977.8	502.0	130.8
■ Industrial Process	0.0	186.2	3.4	3.3	0.0
■ Off-Highway Vehicles	38.9	30.6	9.5	241.0	17.8
■ Highway Vehicles	85.4	50.5	30.4	152.9	55.1
■ Open/Biomass Burning	20.4	12.1	7.6	18.7	4.7
■ Crustal/Fugitive Dust	0.0	1.6	6.4	0.0	0.0

PM_{2.5} Source Distribution in MANE-VU Class 1 Area Counties
Prepared March 3, 2006 (MANE-VU Emissions Inventory Version 2)



	Acadia (Tons/Yr)	Moosehorn & Roosevelt (Tons/Yr)	Great Gulf & Presidential (Tons/Yr)	Brigantine (Tons/Yr)	Lye Brook (Tons/Yr)
■ EGU	134.4	0.1	3.3	1.8	0.0
■ Other Fuel Combustion	83.8	1058.3	603.8	73.9	19.4
■ Industrial Process	29.4	274.0	23.8	114.0	12.4
■ Off-Highway Vehicles	104.3	110.0	67.8	226.7	22.4
■ Highway Vehicles	41.1	24.8	16.6	75.1	28.1
■ Open/Biomass Burning	2030.7	675.8	438.7	1262.9	289.3
■ Crustal/Fugitive Dust	72.6	58.3	157.8	108.8	83.0

NOx Source Distribution in MANE-VU Class 1 Area Counties

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