

APPENDIX B: Supplementary Information

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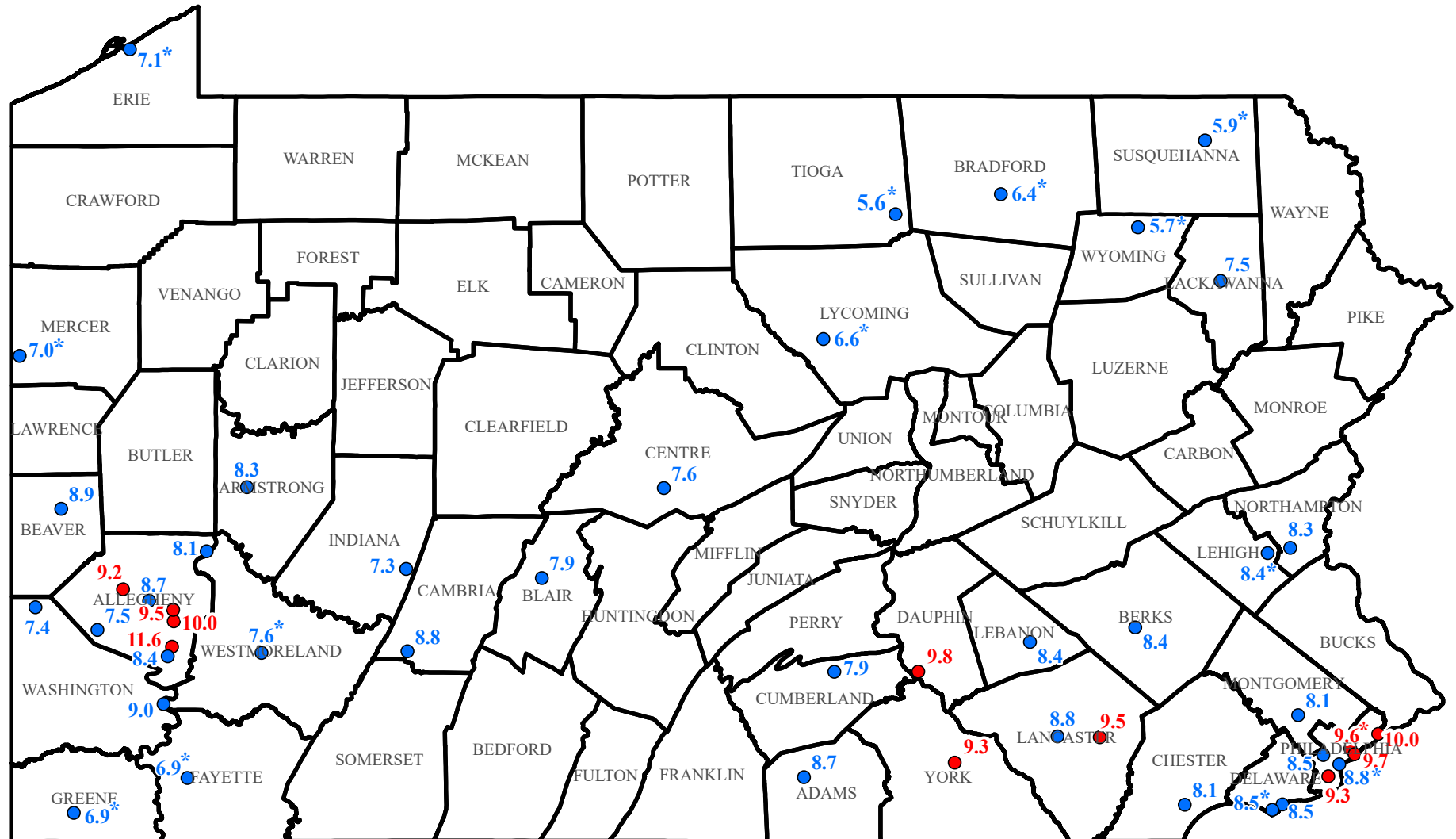
Figure B-25: Population Density by County

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Figure B-1: 2023 Annual PM_{2.5} Design Values



Appearing in Red - 2023 Annual PM_{2.5} Design Values Above the Standard of 9.0 µg/m³

Appearing in Blue - 2023 Annual PM_{2.5} Design Values At or Below the Standard of 9.0 µg/m³

Asterisk (*) appearing to the right of the design value means the data is incomplete during 3-year period.

Figure B-2: PM_{2.5} Point Source Emission Density by County (tons per year per square mile) from 2022 PADEP Annual Inventory

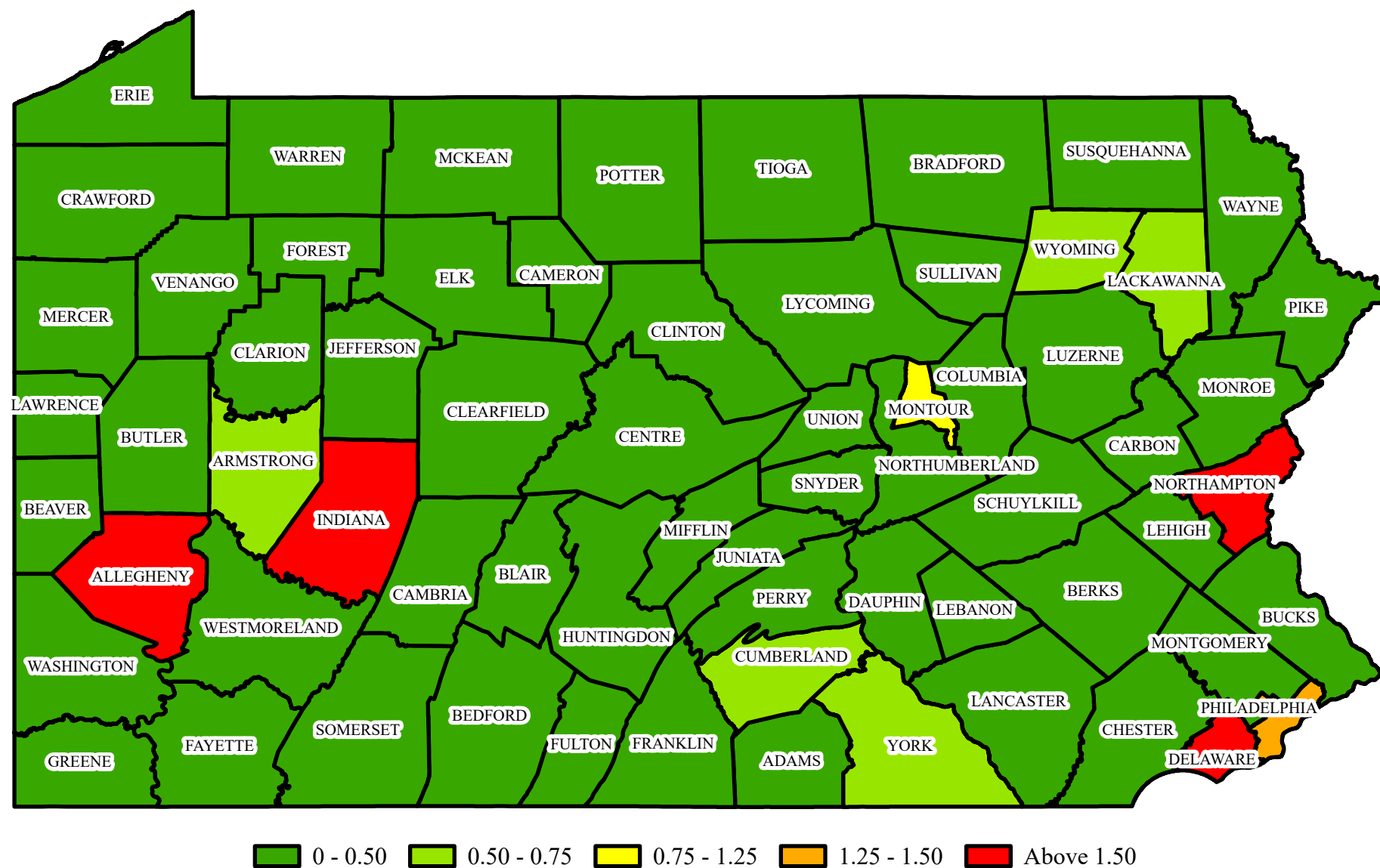


Figure B-3: SO₂ Point Source Emission Density by County (tons per year per square mile) from 2022 PADEP Annual Inventory

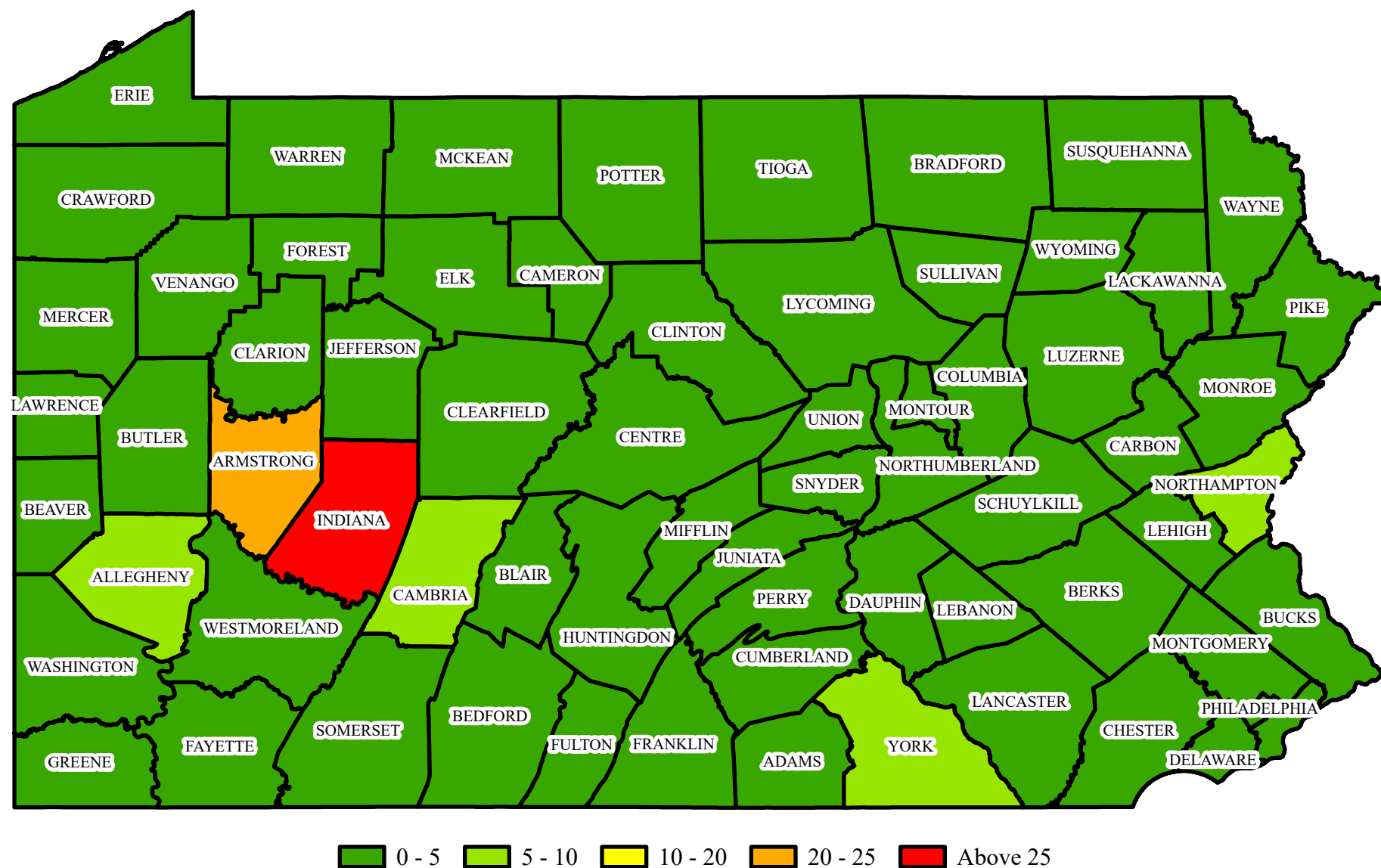


Figure B-4: NO_x Point Source Emission Density by County (tons per year per square mile) from 2022 PADEP Annual Inventory

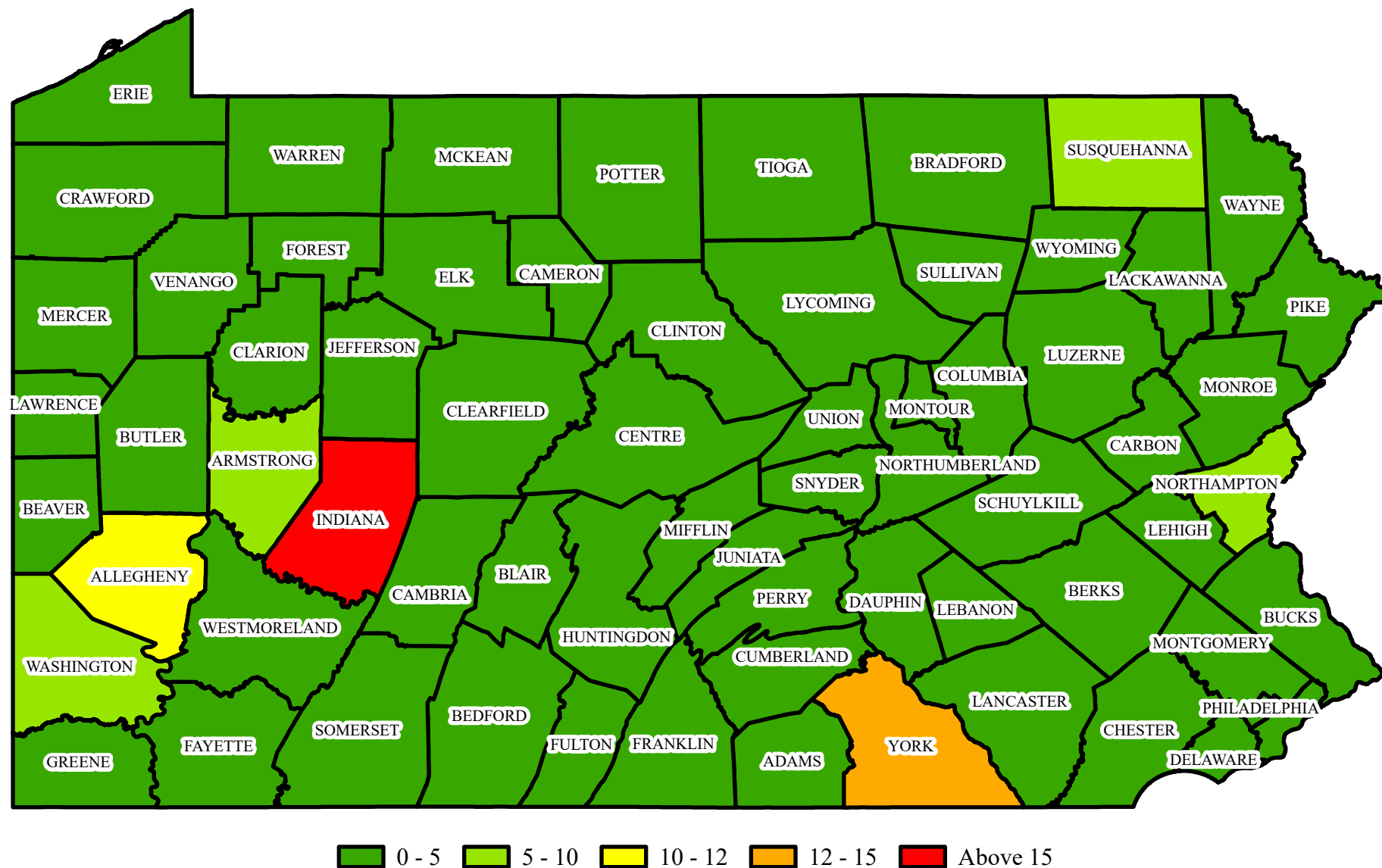


Figure B-5: VOC Point Source Emission Density by County (tons per year per square mile) from 2022 PADEP Annual Inventory

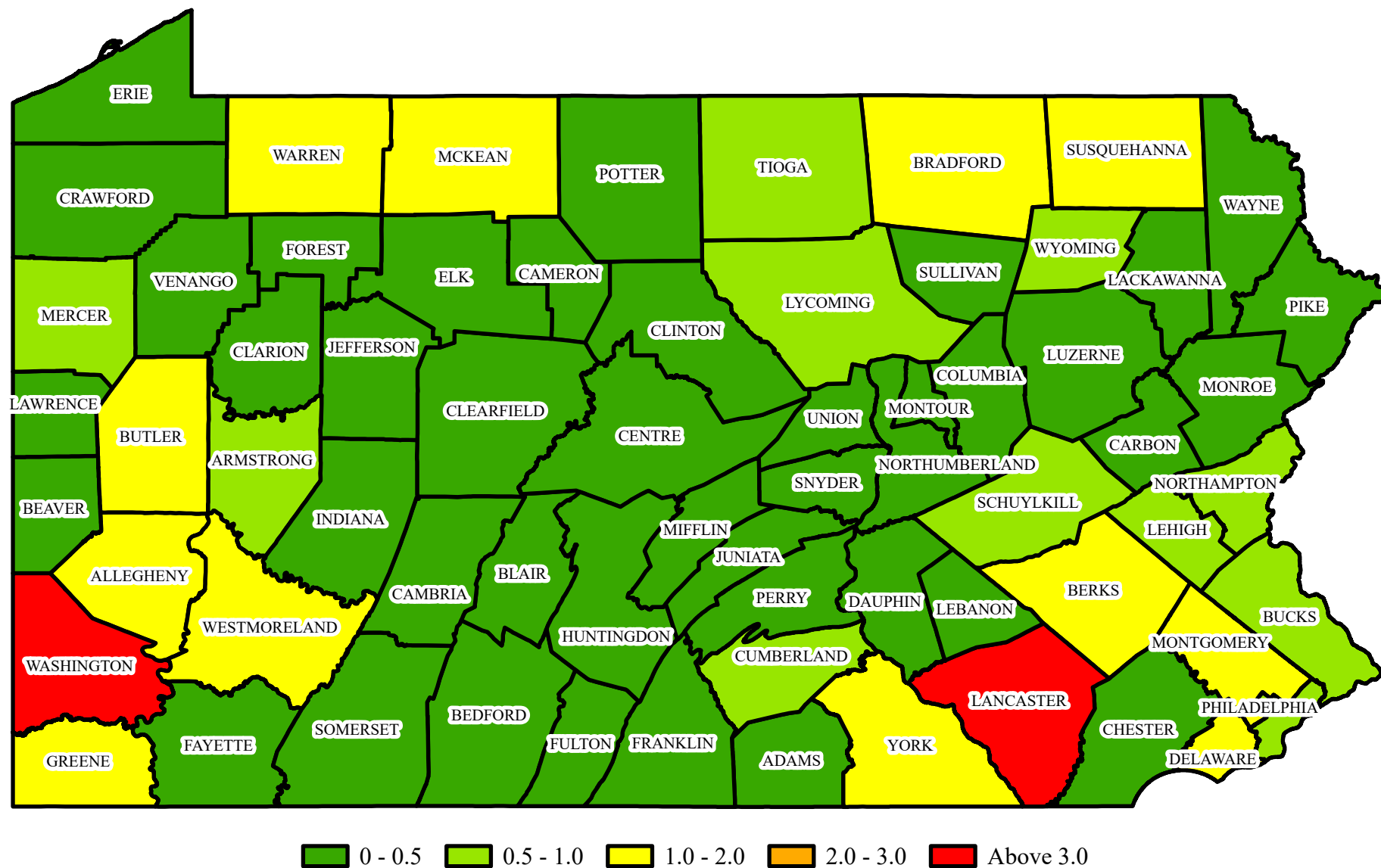


Figure B-6: PM_{2.5} Area Source Emission Density by County (tons per year per square mile) from 2020 National Emissions Inventory

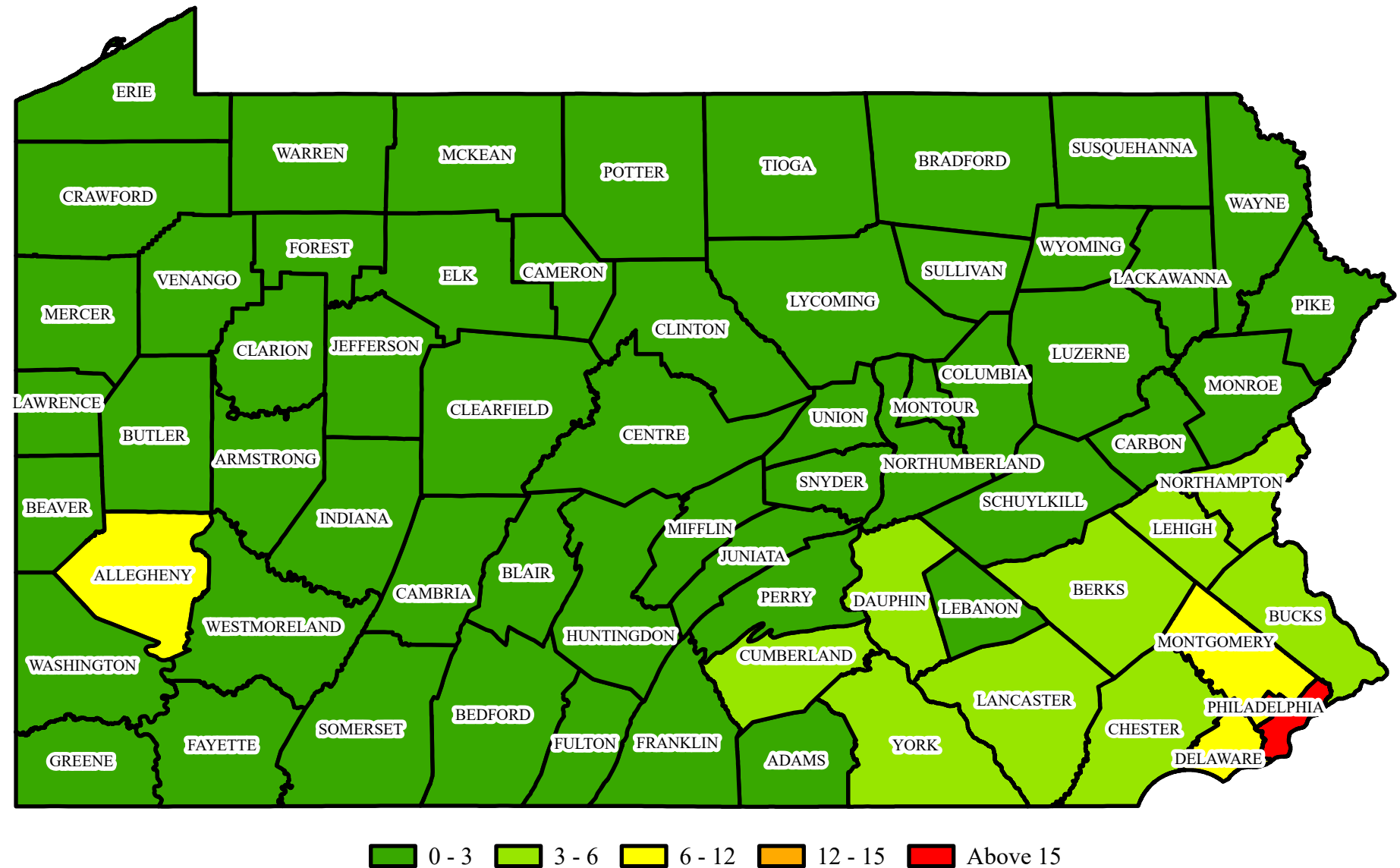


Figure B-7: SO₂ Area Source Emission Density by County (tons per year per square mile) from 2020 National Emissions Inventory

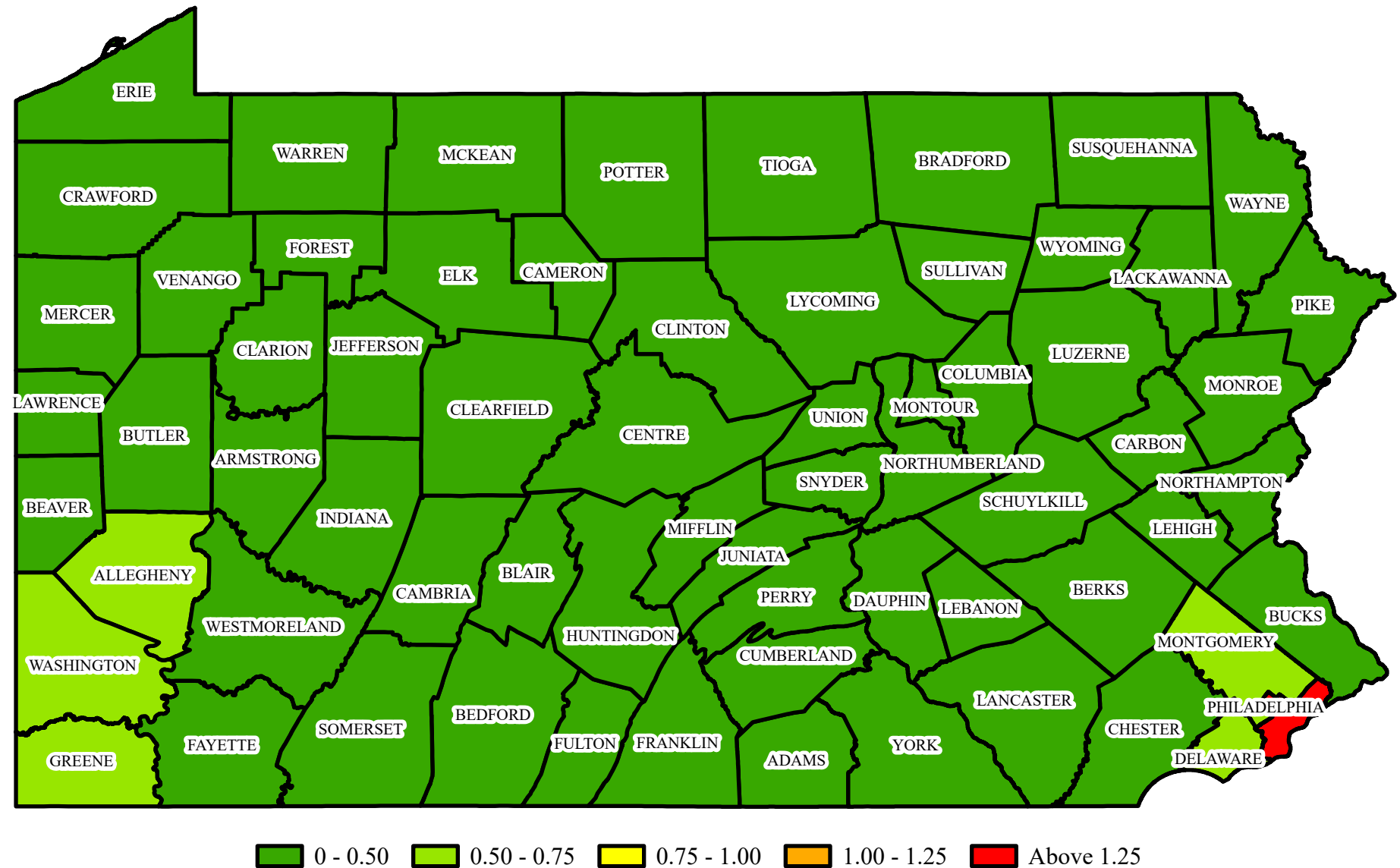
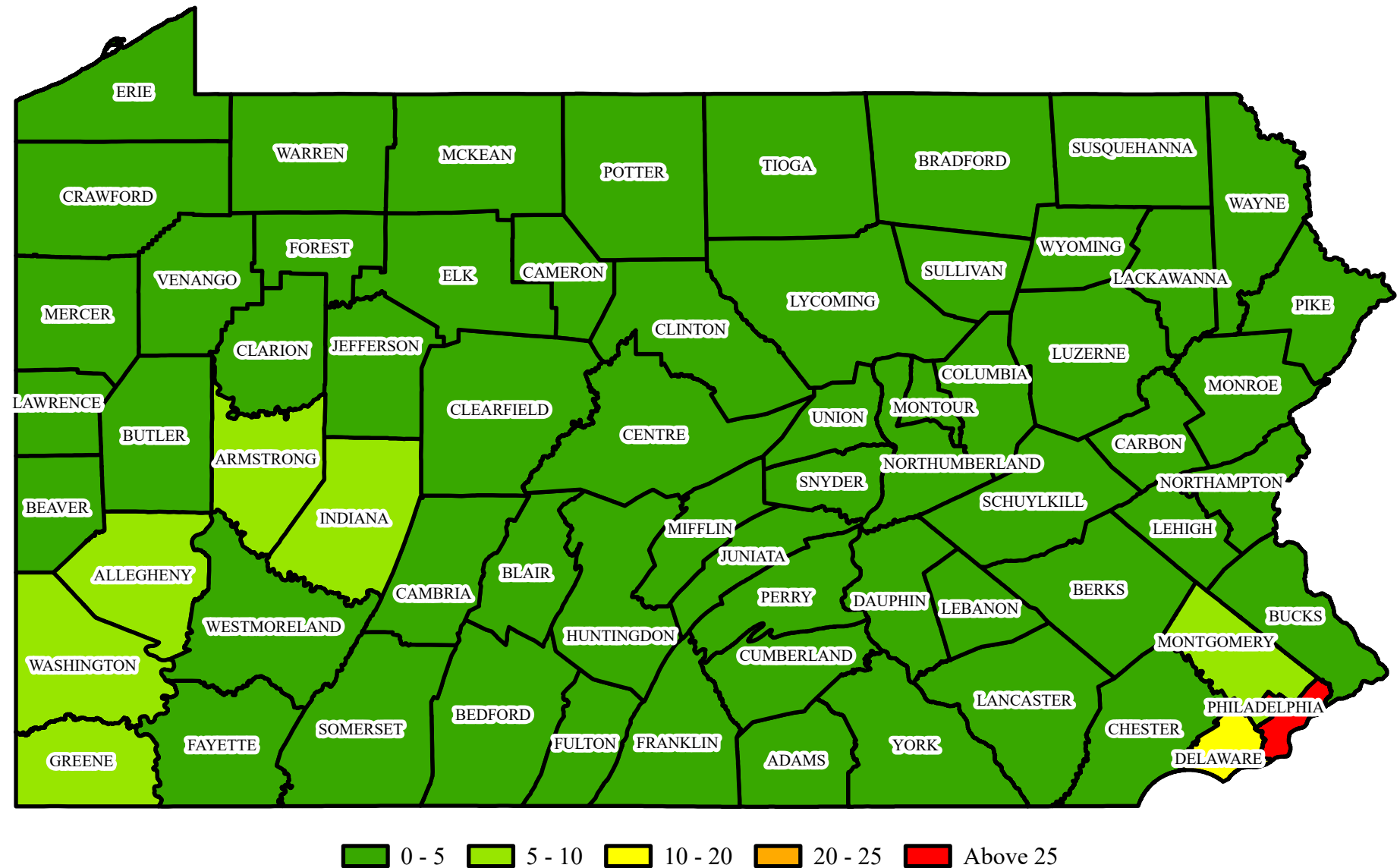


Figure B-8: NO_x Area Source Emission Density by County (tons per year per square mile) from 2020 National Emissions Inventory



0 - 20 20 - 40 40 - 60 60 - 80 Above 80

Map of Pennsylvania showing the number of U.S. Representatives per county. The map is color-coded according to the following legend:

- 0 - 5 (Dark Green)
- 5 - 10 (Light Green)
- 10 - 12 (Yellow)
- 12 - 15 (Orange)
- Above 15 (Red)

Counties colored red (Above 15): Lancaster.

Counties colored yellow (10 - 12): Lebanon.

Counties colored light green (5 - 10): Snyder, Franklin, Juniata.

All other counties are colored dark green (0 - 5).

Figure B-11: PM_{2.5} On-Road Source Emission Density by County (tons per year per square mile) from 2020 National Emissions Inventory

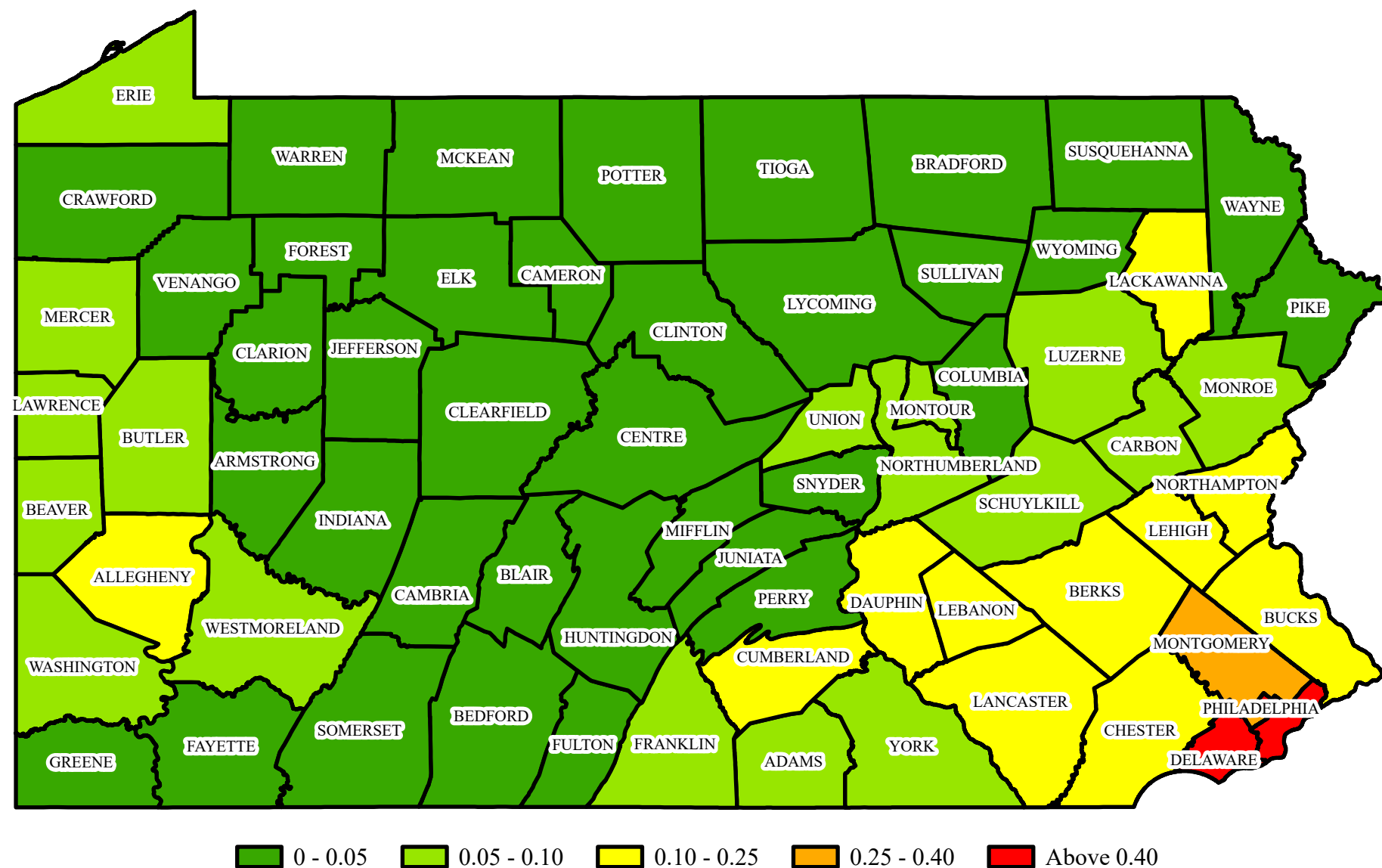
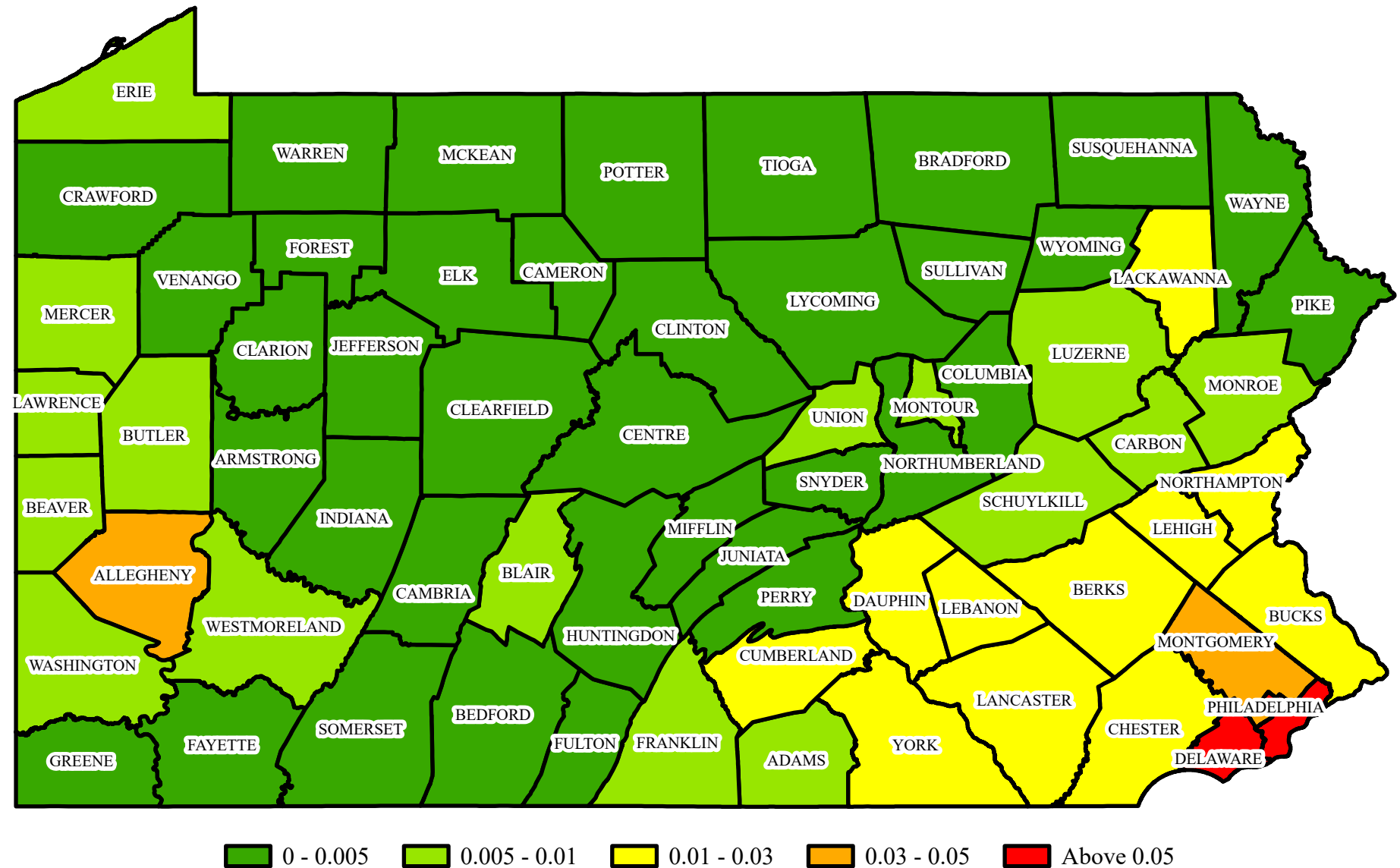


Figure B-12: SO₂ On-Road Source Emission Density by County (tons per year per square mile) from 2020 National Emissions Inventory



[illegible]

Figure B-15: NH₃ On-Road Source Emission Density by County (tons per year per square mile) from 2020 National Emissions Inventory

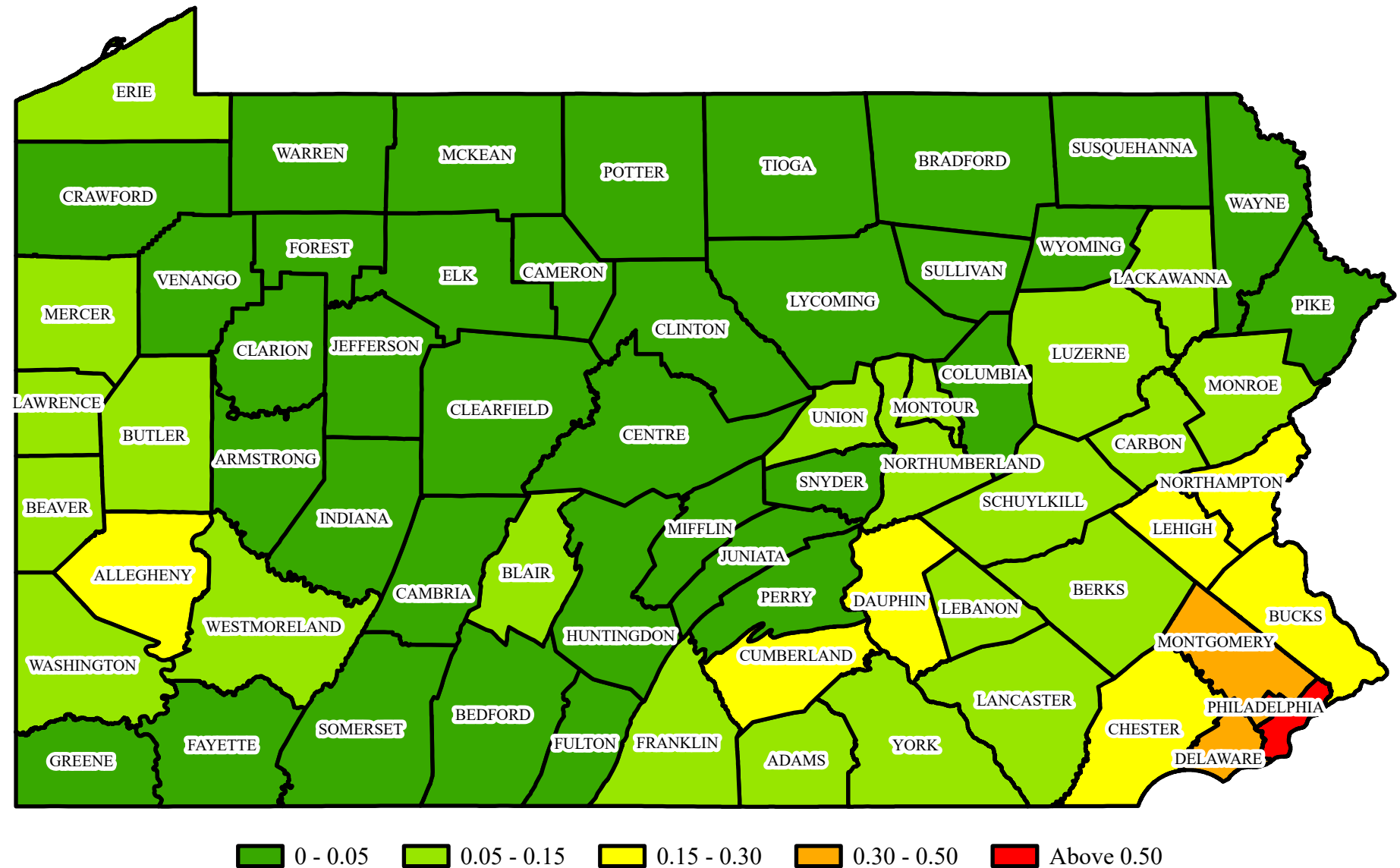


Figure B-16: PM_{2.5} Non-Road Source Emission Density by County (tons per year per square mile) from 2020 National Emissions Inventory

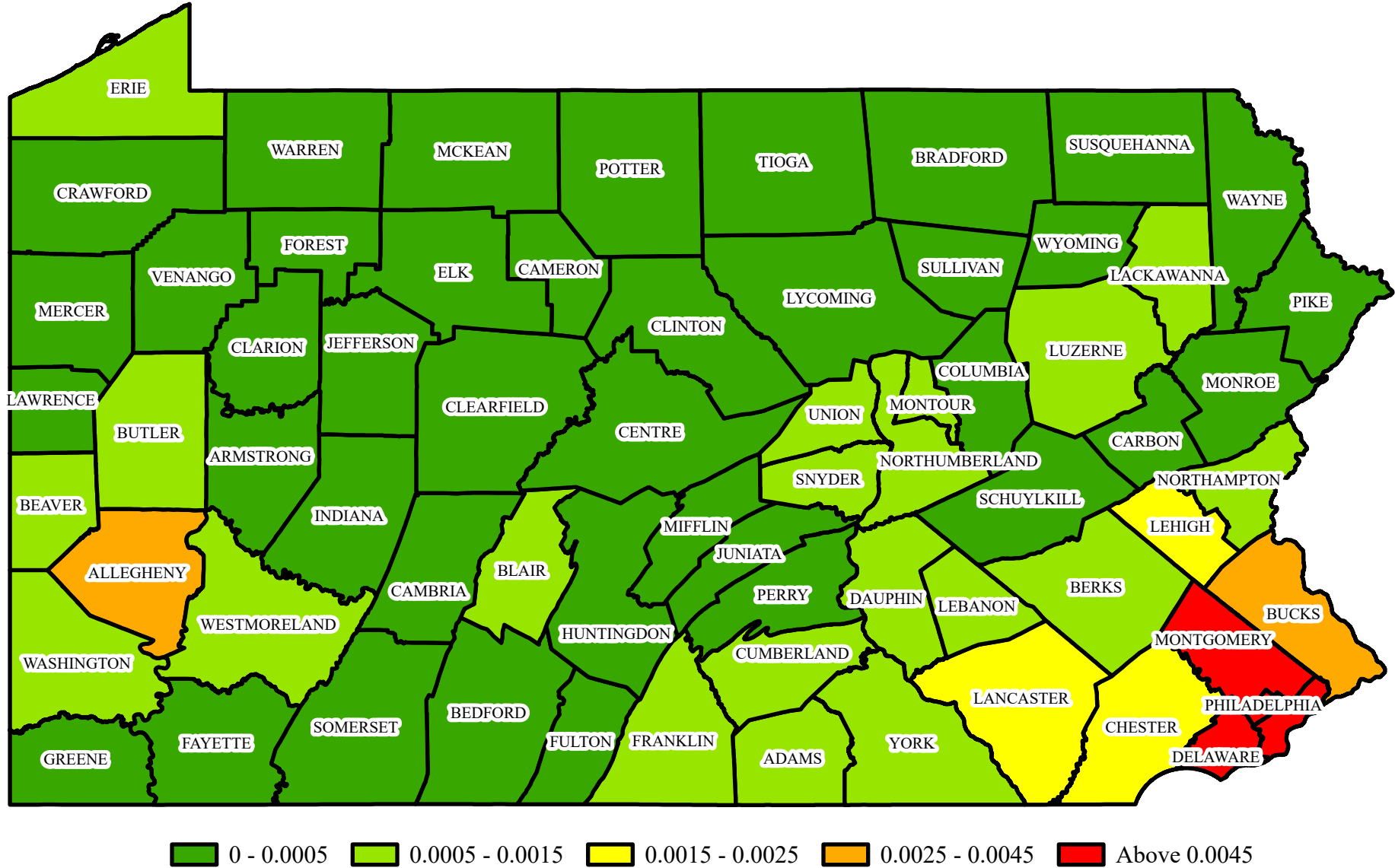


Figure B-17: SO₂ Non-Road Source Emission Density by County (tons per year per square mile) from 2020 National Emissions Inventory

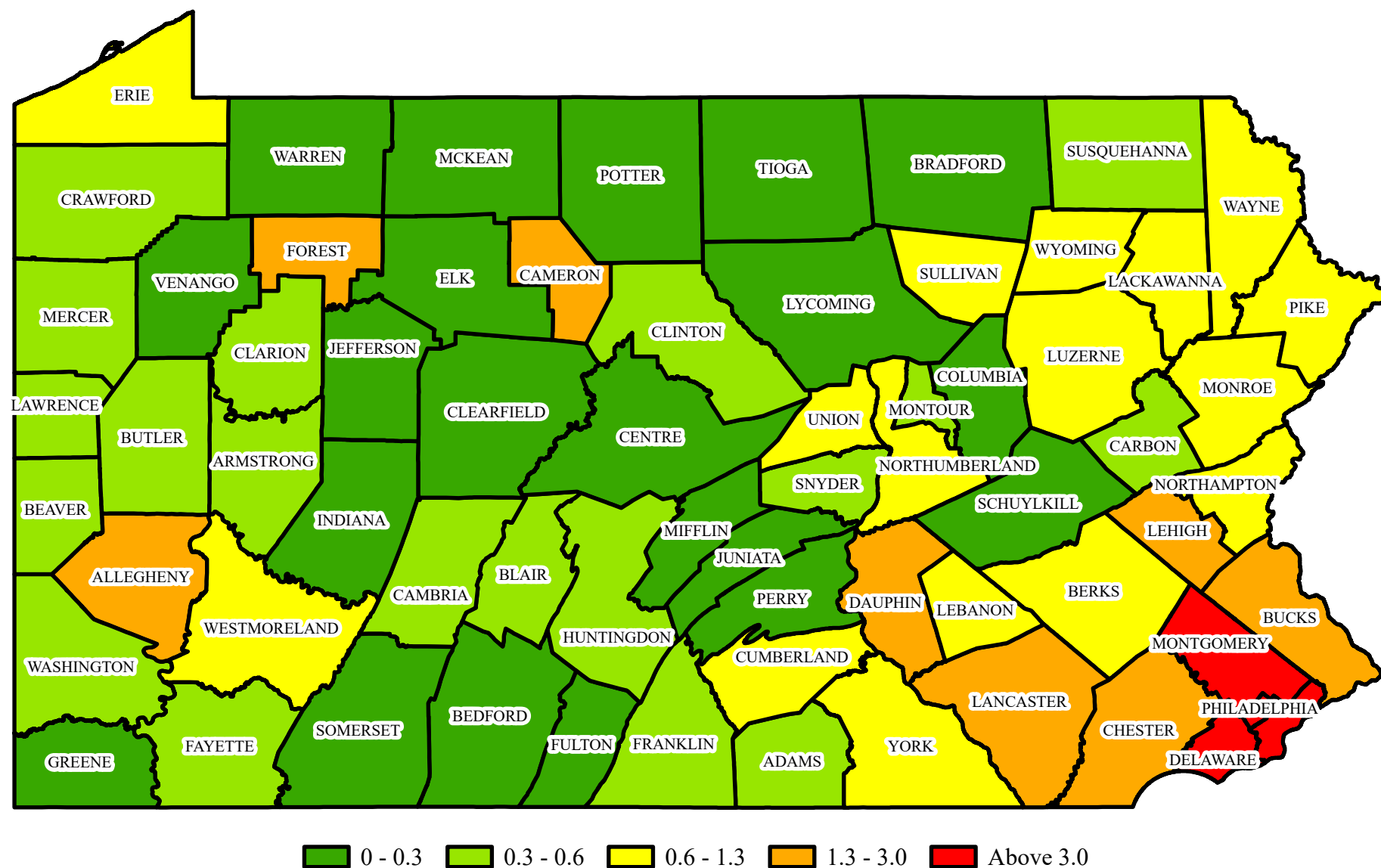


Figure B-18: NO_x Non-Road Source Emission Density by County (tons per year per square mile) from 2020 National Emissions Inventory

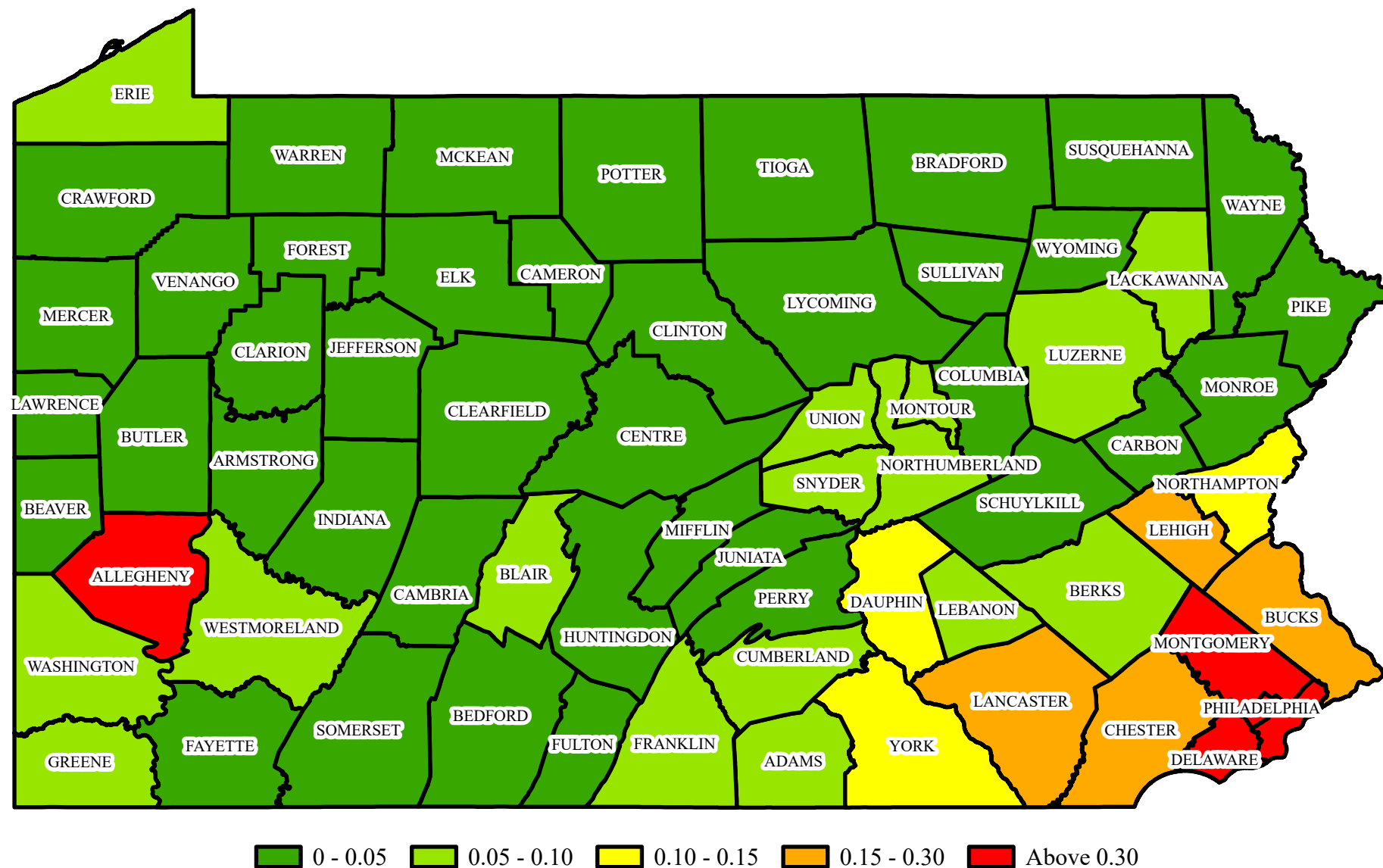


Figure B-19: VOC Non-Road Source Emission Density by County (tons per year per square mile) from 2020 National Emissions Inventory

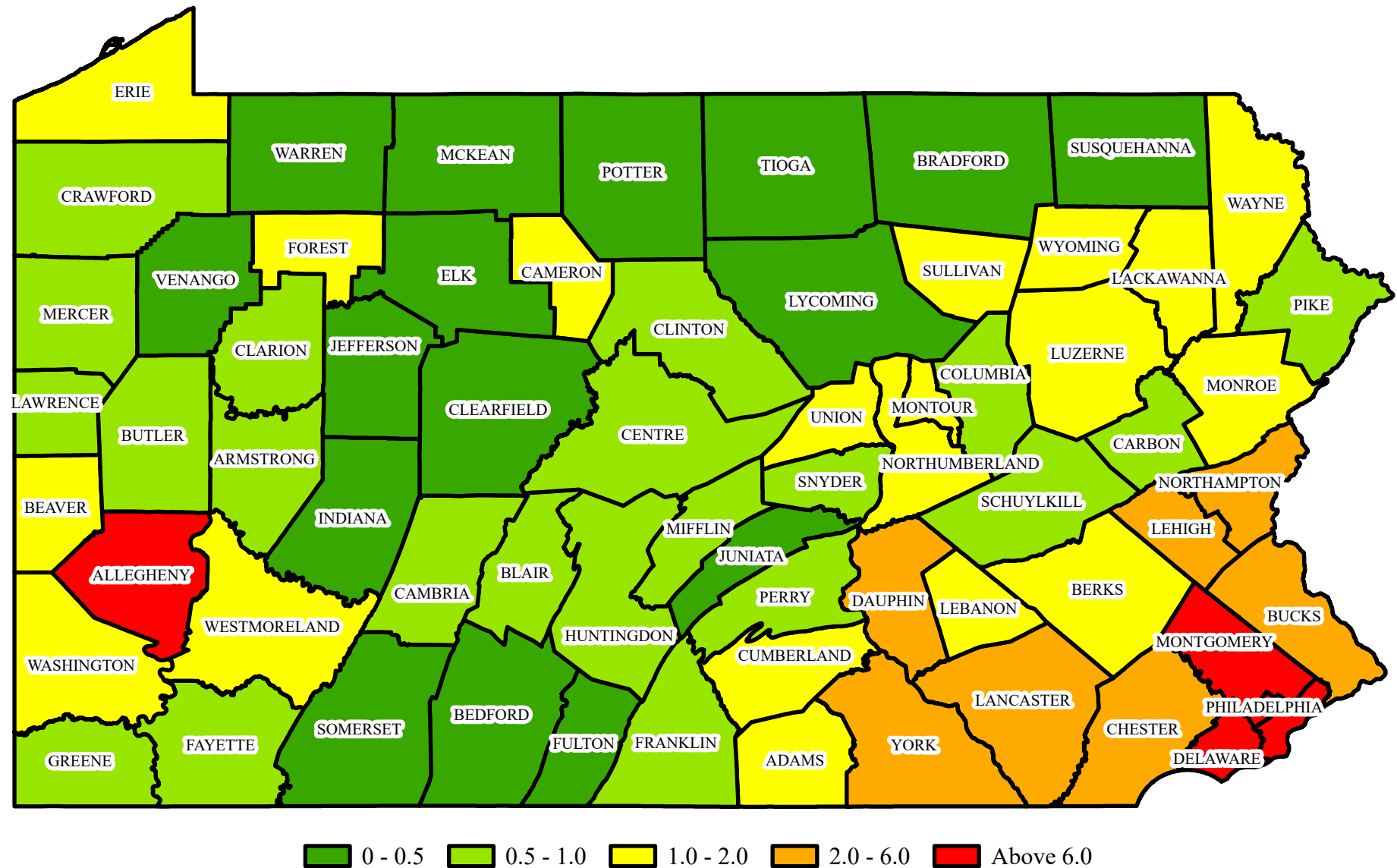


Figure B-20: NH₃ Non-Road Source Emission Density by County (tons per year per square mile) from 2020 National Emissions Inventory

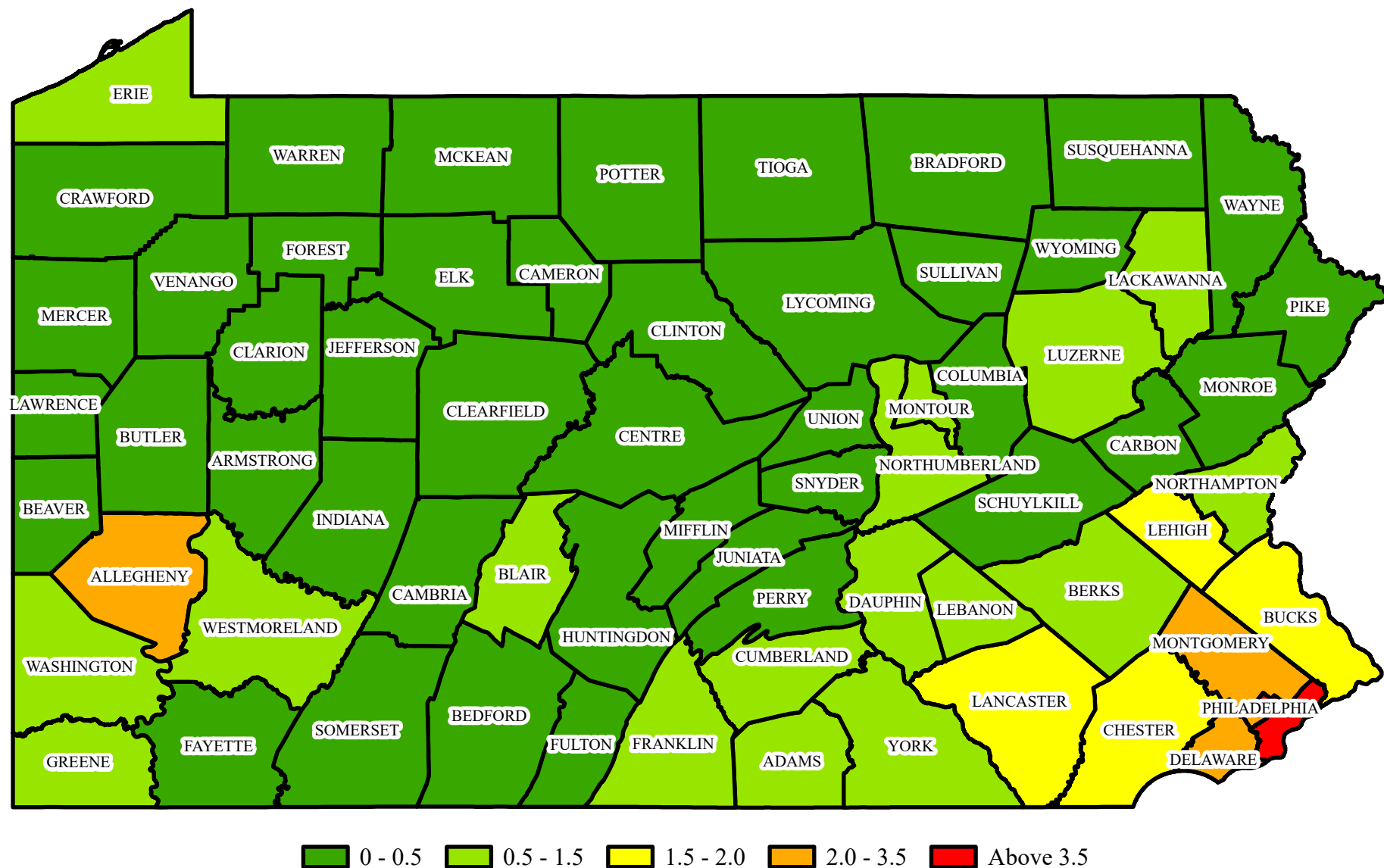


Figure B-21: PM_{2.5} Point Source Emissions by Facility (tons per year) from 2022 PADEP Annual Inventory

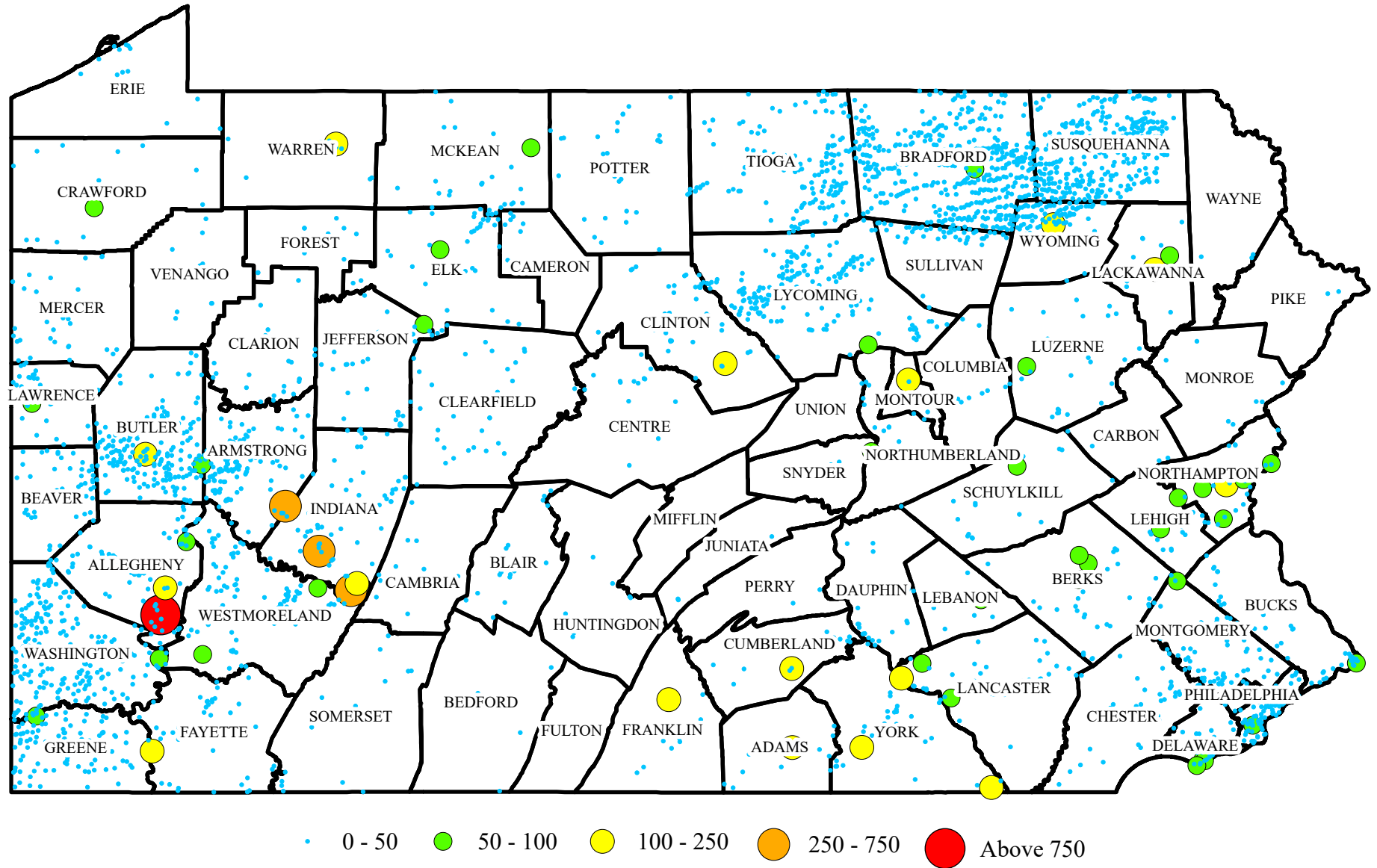


Figure B-22: SO₂ Point Source Emissions by Facility (tons per year) from 2022 PADEP Annual Inventory

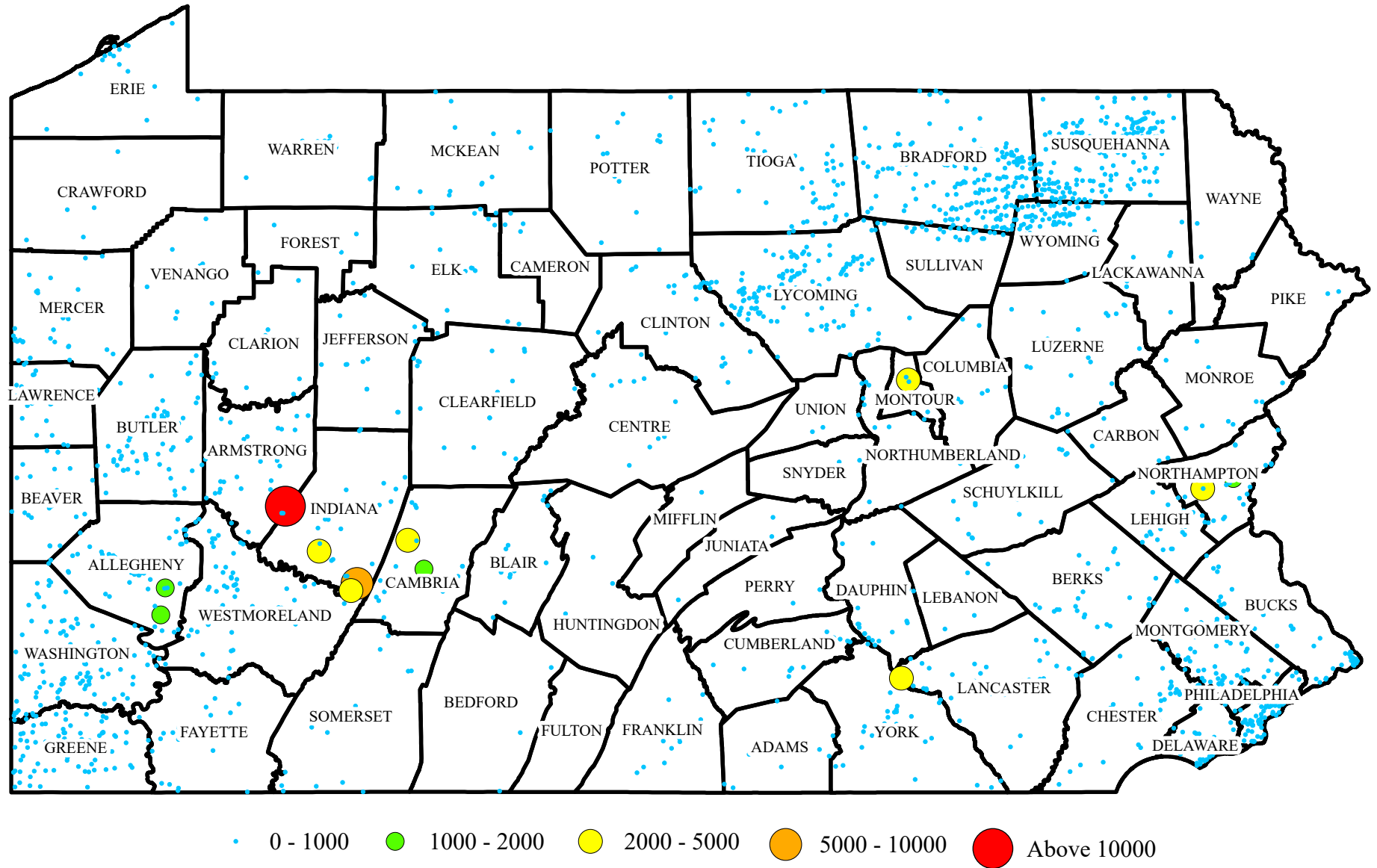


Figure B-23: NO_x Point Source Emissions by Facility (tons per year) from 2022 PADEP Annual Inventory

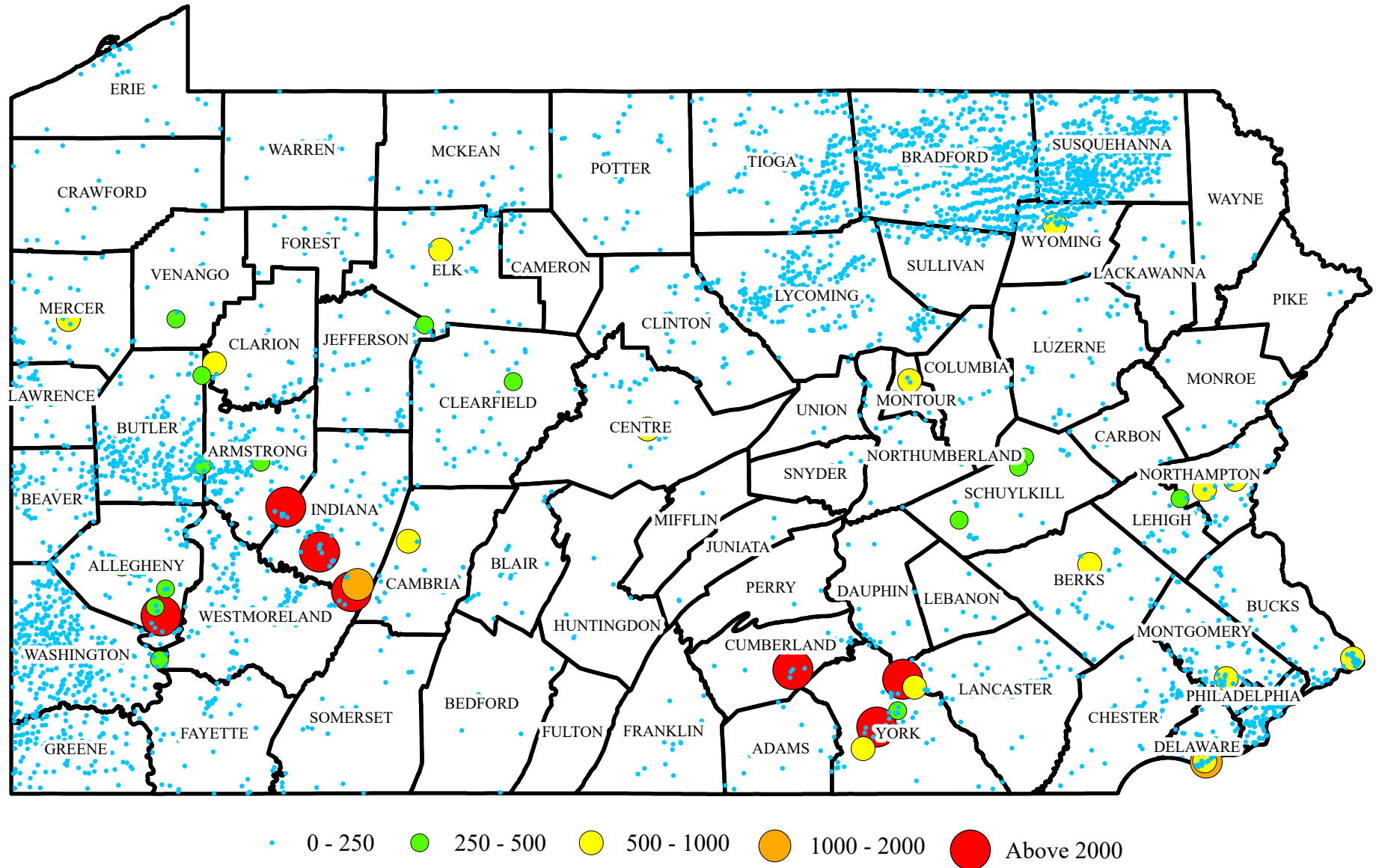


Figure B-24: VOC Point Source Emissions by Facility (tons per year) from 2022 PADEP Annual Inventory

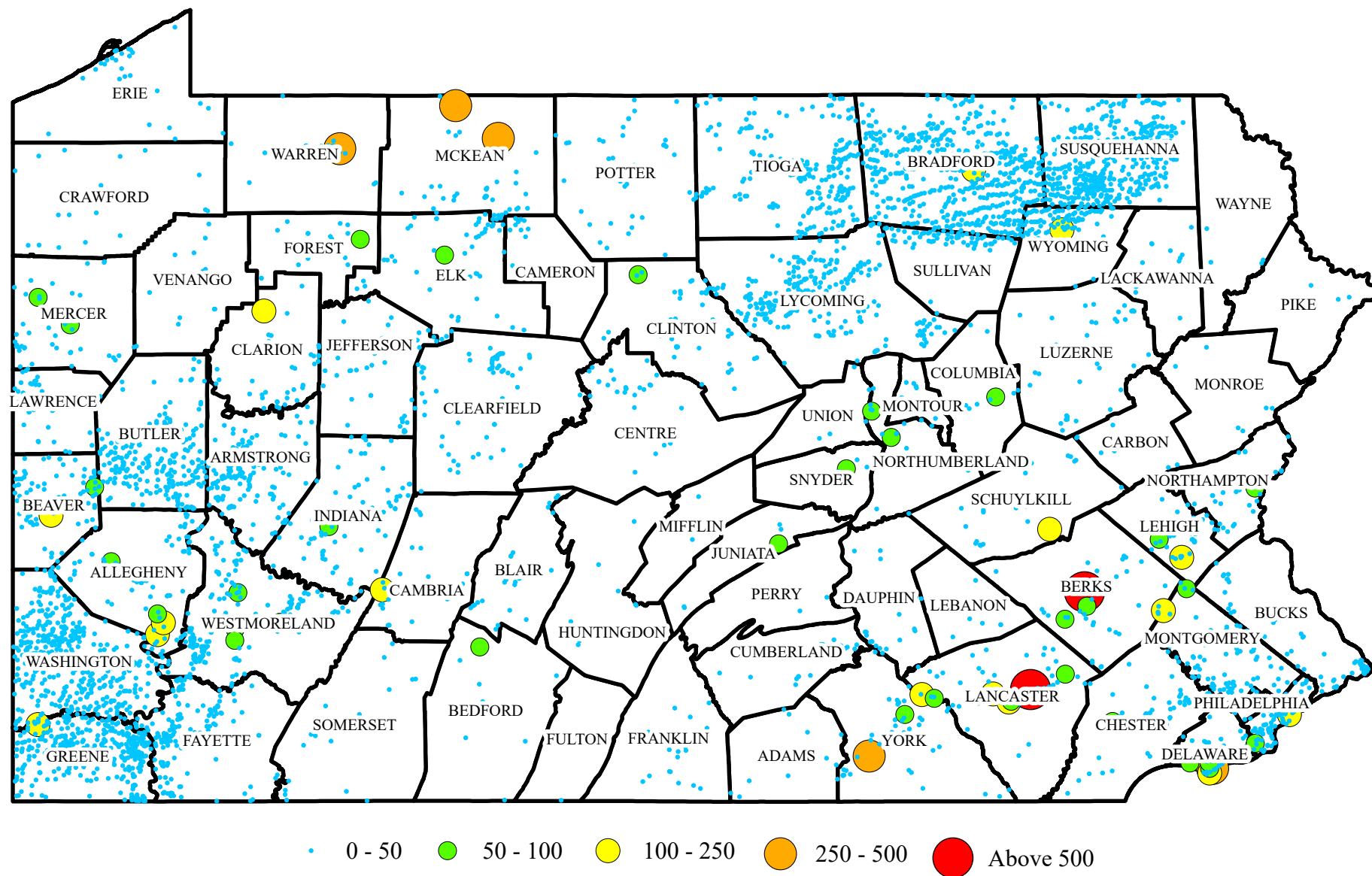


Figure B-25: Population Density by County (person per square mile) based on 2020 US Census Results

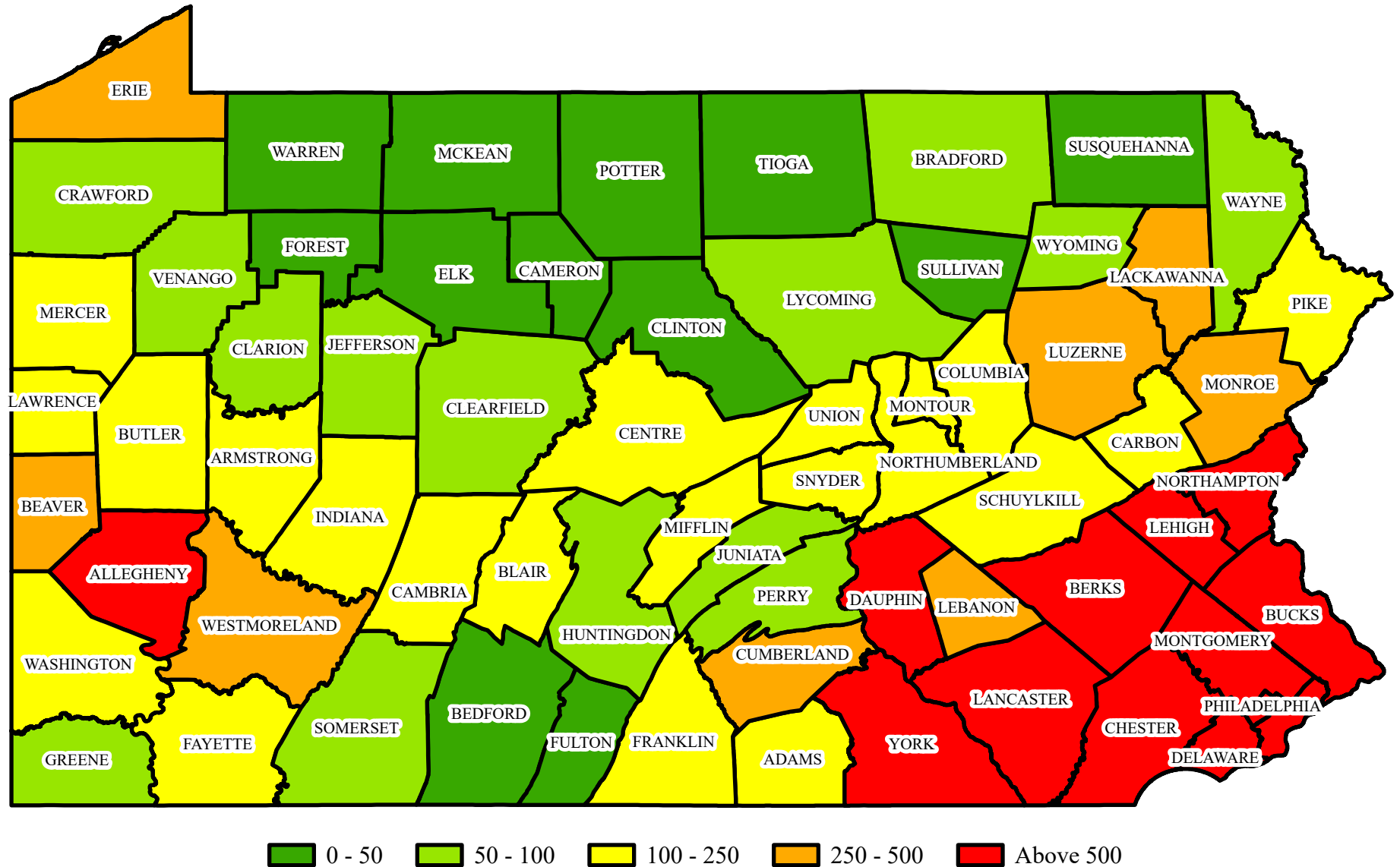


Figure B-26: Population Growth by County (% Change: Year 2020 - 2010) based on 2020 and 2010 US Census Results

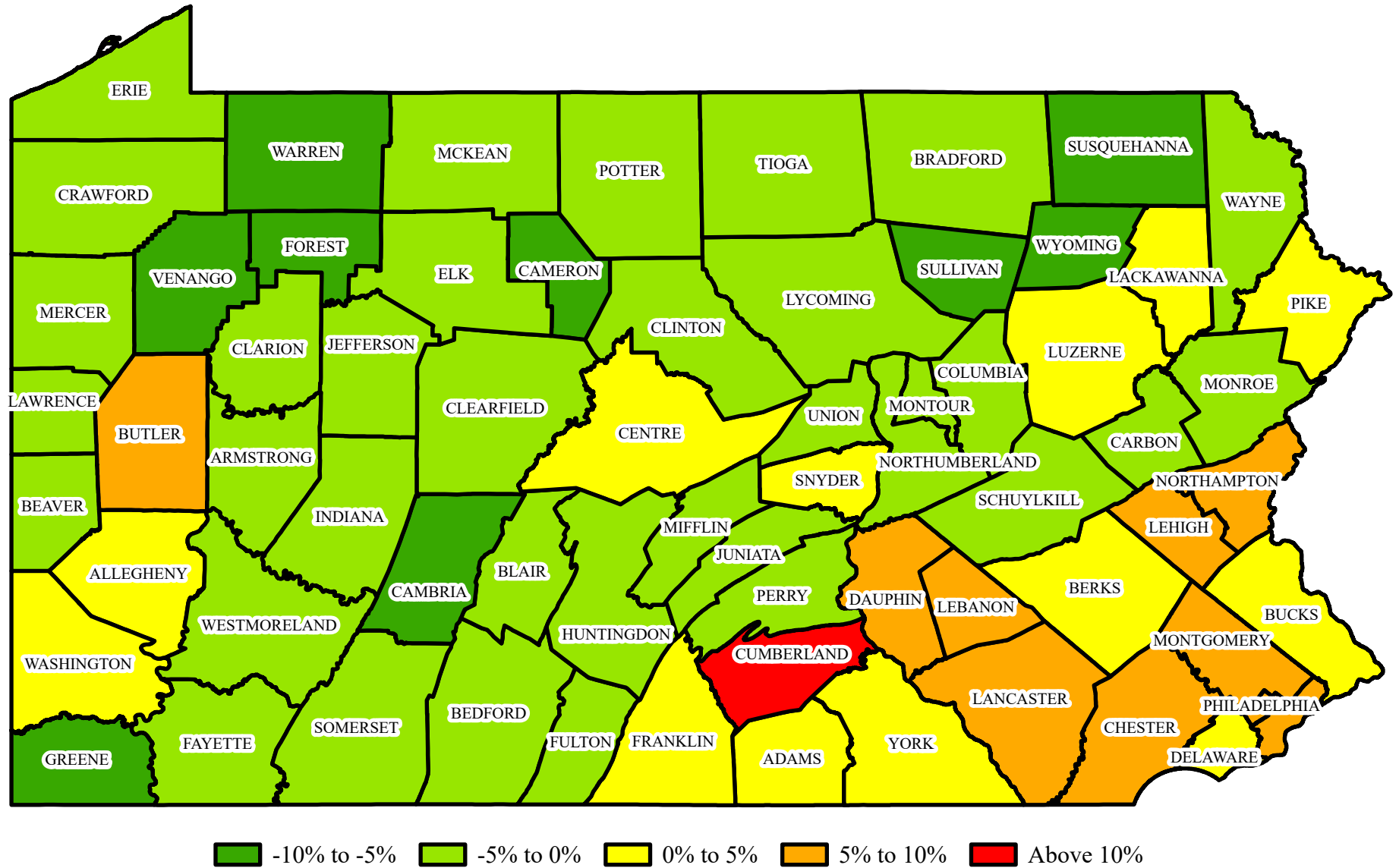


Figure B-27: Pennsylvania Air Basins Map

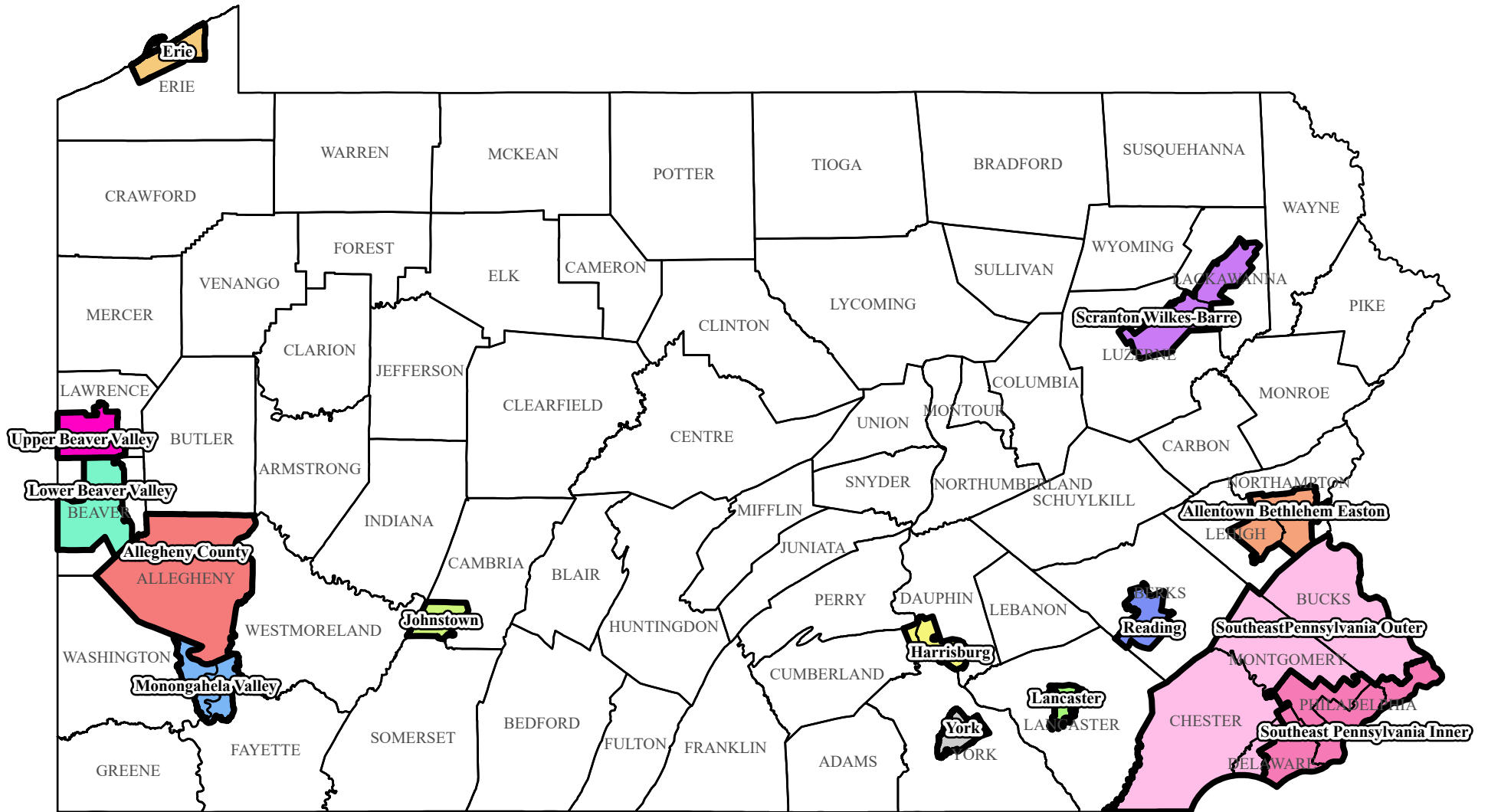


Figure B-28: Pennsylvania Metropolitan Statistical Areas

