

Atmos. Chem. Phys. Discuss., author comment AC1  
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## Thank you!

Vitali Fioletov et al.

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Author comment on "Quantifying urban, industrial, and background changes in NO<sub>2</sub> during the COVID-19 lockdown period based on TROPOMI satellite observations" by Vitali Fioletov et al., Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2021-536-AC1>, 2022

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Dear MariLiza

Happy New Year!

Thank you for the link! In the revised version of the paper, we used the US EPA eGRID emissions inventory that is behind the Web tool you have mentioned in addition to EPA NEI CEMS inventory. However, the eGRID inventory contains only annual emissions, while the EPA NEI CEMS inventory, that we mostly used in the study, is based on hourly measurements of emissions.

Vitali