

Our SHE goals and performance

Other emissions to air (particulate emissions, VOC, SO₂, NO_x)

Reducing atmospheric emissions is material to the Roche Group and has been set as a priority topic. Roche's on-going efforts to reduce environmental impact, as part of its sustainable development program, are reflected in the 99% reduction in VOC emissions in metric tons per CHF 1 million of sales since 1992. In 2021, the Roche Group emitted 85.5 metric tons of VOCs, some 0.8% of which were halogenated and the rest non-halogenated. This is an increase by +17% compared to 2020 (73.1t).

Major contributors to this increase are a.o. the Basel and Kaiseraugst site which together contribute to 34.6% of the total VOC emissions in 2021. They increased their total VOC emissions by almost +85% compared to 2020, mainly caused by varying production activities during the year, more use of disinfectant due to the pandemic as well as a change in the emissions measurement method for laboratories to monitor actual air pollution from that source, based on evolved reporting requirements from local authorities. On a Group level, we are now roughly at the same level as before the pandemic in 2018 and 2019. Simultaneously, the NO_x emissions of the Group went up as well by +5% compared to 2020 (118t vs. 113t in 2020). SO₂ and particulate emissions fluctuate around very low levels.

Particulate emissions

At Roche, particulate matter results from the burning of fossil fuels and industrial processes. Roche, worldwide, released 17.6 metric tons in 2021 (+9.4% compared to 2020).

Atmospheric emissions (metric tons)

