Potential impact of COVID-19 on population dynamics in Russian regions

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Demographic Scenarios

**COVID-STALL0** - *short-term* effects of COVID-19 (less than a year)
**COVID-STALL1** - *medium term* effects of COVID-19 (over a year)
**COVID-STALL2** - *long-term* effects of COVID-19 (full recovery on 2023)
**COVID-STALL3** - *lingering* effects COVID-19 (recovery to 2024)

Baseline - Russian demographic projection in the absence of a pandemic in 2020.
Total population changes in Russia

![Chart showing population changes in Russia from 2020 to 2030, with lines representing different scenarios: COVID_STALL0, COVID_STALL1, COVID_STALL2, and COVID_STALL3. Each line shows a downward trend, indicating population decreases. The y-axis represents thousands of people, and the x-axis represents years from 2020 to 2030.](image-url)
Working age (20-65) population changes in Russia
Changes in OADR [65+//(20-64)] in Russia
Changes in POADR \([RLE15+/(20-RLE15)]\) in Russia
Relative changes (% 2018-2030) in total population in Russian regions (COVID-STALL0)

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\left[ \frac{(P_{\text{scen}}^{2030} - P_{\text{scen}}^{2018}) - (P_{\text{b}}^{2030} - P_{\text{b}}^{2018})}{(P_{\text{b}}^{2030} - P_{\text{b}}^{2018})} \right] \times 100
\]
Relative changes (% 2018-2030) in total population in Russian regions (COVID-STALL1)
Relative changes (% 2018-2030) in total population in Russian regions (COVID-STALL2)
Relative changes (% 2018-2030) in total population in Russian regions (COVID-STALL3)
Relative changes (% 2018-2030) in working age population (20-64) (COVID-STALL0)
Relative changes (% 2018-2030) in working age population (20-64) (COVID-STALL3)
Changes in OADR \([65+/-(20-64)]\) in Russia
Relative changes (% 2018-2030) in OADR (COVID-STALL0)
Relative changes (% 2018-2030) in OADR (COVID-STALL3)
Thanks for your attention!

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