**Eligible criteria:**
- Over 20 years of age
- At least one SARS-CoV-2 test by medical or KDCA referral (excluding self-referral)
- At least one national general health examination (2018-2019)
- In South Korea

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**Korean nationwide cohort C**

January 1, 2018  
January 1, 2020  
July 30, 2020

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**Cohort entry**
- Inactive (0 MET min/week)
- Insufficiently active (1 to <500 MET min/week)
- Active (500 to <1000 MET min/week)
- Highly Active (≥ 1000 MET min/week)

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**Primary outcome**
- Test positive
- Severe COVID-19 illness
- COVID-19-related death

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**Subgroup outcome**
- Length of hospital stay