

# SARS-CoV-2: Stefano Merler today's speech about the updated data on virus transmissibility

April 24, 2020

**The FBK epidemiologist spoke at today's press conference of the Istituto Superiore di Sanità illustrating the Rt value of the Italian regions. For the province of Trento the average value is 0.44**

The **Bruno Kessler Foundation researcher, Stefano Merler**, spoke today, in videocall from Trento, at the press conference on the epidemiological trend and the technical-scientific updates about Covid-19 held in **Rome** with the president of the **Istituto Superiore di Sanità (ISS), Silvio Brusaferro**, the president of the **Consiglio Superiore di Sanità, Franco Locatelli** and the director of the **Department of Infectious Diseases of the Istituto Superiore di Sanità, Giovanni Rezza**.

After the speech to illustrate the state of the art of the epidemic curve, Silvio Brusaferro introduced the epidemiologist Stefano Merler thanking the Bruno Kessler Foundation for the continuous support and collaboration in scientific studies during the epidemic phase.

The FBK researcher, as an expert, illustrated then the Rt value measured in the various Italian regions following the dedicated studies, recalling that the value indicates the number of infections produced by a person during his infectious period. If it is less than 1, it means that we are moving towards the elimination of the disease, if it is greater than 1, we are going towards an exponential growth in the number of cases.

The data were studied based on the dates of appearance of the symptoms, which are the most reliable, and therefore the most recent transmissibility value of the SARS-CoV-2 virus refers to April 6th. For some regions the data are still being refined and will be provided when stable.

## **SARS-COV-2 transmissibility on 6th April**

Regions not shown do not have sufficient quality data for Rt calculation

Data will be updated and published weekly

# Trasmissibilità di SARS-COV-2 al 6 aprile

Regione	R <sub>time</sub>		
	media	95%CI-inf	95%CI-sup
Calabria	0,47	0,29	0,71
Emilia-Romagna	0,71	0,67	0,74
Friuli Venezia-Giulia	0,62	0,51	0,73
Lazio	0,59	0,50	0,68
Lombardia	0,40	0,38	0,42
Marche	0,60	0,46	0,76
Molise	0,63	0,27	1,07
Puglia	0,60	0,48	0,73
Sardegna	0,69	0,54	0,88
Sicilia	0,34	0,23	0,47
Toscana	0,57	0,49	0,66
Umbria	0,42	0,19	0,67
Veneto	0,61	0,55	0,69
Bolzano	0,64	0,50	0,78
Trento	0,44	0,33	0,56

Le regioni non mostrate non hanno un dato di sufficiente qualità per il calcolo di Rt

Il dato sarà aggiornato e pubblicato settimanalmente



**As for the province of Trento, the average value of Rt is 0.44 (with uncertainty ranging from a minimum of 0.33 to a maximum of 0.56).**

Also for the province of Bolzano and the regions considered (Calabria, Emilia Romagna, Friuli Venezia Giulia, Lazio, Lombardia, Marche, Molise, Puglia, Sardinia, Sicily, Tuscany, Umbria and Veneto) the average value is less than 1, therefore below the threshold.

“All this is very positive”, Merler underlines, “however, I want to stress it, there is not a huge margin to avoid returning back to Rt at 1, and above 1, and getting consequently troubles to start again. There is a margin which allows to better manage the situation, but we are not yet in a safe situation, not at all”.

Starting from next week, data from all the other regions will probably be also available and we expect them to be published weekly in the Friday's ISS bulletin.

## PERMALINK

<https://magazine.fbk.eu/en/news/sars-cov-2-stefano-merler-todays-speech-about-the-updated-data-on-virus-transmissibility/>

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