

To: [5.1.2e] [5.1.2e]@rivm.nl]
From: [5.1.2e]
Sent: Thur 5/7/2020 10:44:16 AM
Subject: FW: Algorithm for recovered covid patients
Received: Thur 5/7/2020 10:44:17 AM

Fijn, al antwoord uit Duitsland!

Zeer simpel algoritme, ik zal hopelijk morgen eens gaan kijken hoe dit er bij ons uit ziet.

[5.1.2e]

-----Original Message-----

From: [5.1.2e] <[5.1.2e]@rki.de>
Sent: donderdag 7 mei 2020 12:27
To: [5.1.2e] <[5.1.2e]@rivm.nl>
Subject: AW: Algorithm for recovered covid patients

Dear [5.1.2e]

yes, it's really high work load these days. Who could have "forecast" such a situation?

The government has just decided to reopen most of the stores (and schools and kindergartens, stepwise, and in different ways in all the federal states...).

Regarding the estimate of recovered covid patients, we are currently using the following algorithm:

3 outcomes are possible (lab confirmed cases): fatal, recovered, not (yet) known

For all non-fatal cases, we consider them as recovered if

- non-hospitalised:

date of onset of symptoms plus 14 days

if onset of symptoms is unknown: reporting date (by lab or physician at local health authority) plus 14 days

- hospitalised:

date of discharge plus 7 days

if discharge date is unknown: date of symptom onset or reporting date plus 28 days

- unknown hospitalisation status

date of symptom onset or reporting date plus 28 days

Best regards,

[5.1.2e]

-----Ursprüngliche Nachricht-----

Von: [5.1.2e] [5.1.2e]@rivm.nl]
Gesendet: Montag, 4. Mai 2020 22:34
An: [5.1.2e]
Betreff: Algorithm for recovered covid patients

Dear [5.1.2e]

How are you doing? A think that I can safely assume that you are also completely occupied with the covid-19 outbreak... Same here, it's an awful lot of work, but we're having a great team working on it.

I was reading the PDF that you post on your website, my compliments, it looks really nice and is very informative! And wow, you also have an English version, so I don't have to refresh my poor German languish knowledge... It's nice that you also include the estimation of the reproduction number in this daily report.

One outcome that you report in this overview is the recovery of patients. Recovered patients are not reported to our municipal health services, so we only have poor information on this. In the report you state: As the exact date of recovery is unknown in most cases, an algorithm was developed to estimate the number of recovered cases.

It would be very interesting for us to learn more on this algorithm, so we can see whether we could do something similar with our data. Would you be able to share this algorithm with us? Do you have a (concept) publication on this, or other information about this?

I really hope that you can help me with this question, or that you can refer me to a colleague that can.

I expect that you get as much emails and data request as we do, but your help would be highly appreciated.

All the best and thanks a lot in advance! 5.1.2e

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www.rivm.nl <<http://www.rivm.nl/>> De zorg voor morgen begint vandaag

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