

To: [5.1.2e] [5.1.2e] [5.1.2e] @rivm.nl]
From: [5.1.2e] [5.1.2e] [5.1.2e]
Sent: Mon 3/8/2021 8:38:33 AM
Subject: RE: text on large-scale testing to be included in the report on modelling covid-19 vaccination
Received: Mon 3/8/2021 8:38:34 AM

Mooi.

April wordt volgens mij wel een maand: ene kant enorme toename beschikbaarheid vaccinaties, en tegelijk misschien meer asymptomatisch testen en mogelijk beschikbaarheid thuistesten. Met misschien tegelijk een verandering (intensivering) in gedrag door al dit.

Is er nog een push om het asymptomatisch testen en thuistesten pas in te voeren als bijvoorbeeld alle risico-groepen en 50+ zijn gevaccineerd?
 Zo'n afhankelijk is misschien toch een goed idee?
 Wat denk jij?

Groet,

[5.1.2e]

From: [5.1.2e] [5.1.2e] <[5.1.2e]@rivm.nl>
Sent: 08 March 2021 09:25
To: [5.1.2e] [5.1.2e] [5.1.2e] [5.1.2e] <[5.1.2e]@rivm.nl>
Subject: RE: text on large-scale testing to be included in the report on modelling covid-19 vaccination

Ha [5.1.2e]

Dat staat zo in het OMT advies. Nu ook expliciet in het rapport opgenomen.
 Vriendelijke groeten,

[5.1.2e]

From: [5.1.2e] [5.1.2e] [5.1.2e] [5.1.2e] <[5.1.2e]@rivm.nl>
Sent: vrijdag 5 maart 2021 14:29
To: [5.1.2e] [5.1.2e] <[5.1.2e]@rivm.nl>
Subject: Re: text on large-scale testing to be included in the report on modelling covid-19 vaccination

Goed punt. Ik weet niet van zo'n soort onderscheiding. Staat dit in het OMT advies?

From: [5.1.2e] [5.1.2e]
Sent: Friday, 5 March 2021 14:15:53
To: [5.1.2e] [5.1.2e] [5.1.2e] [5.1.2e]
Subject: RE: text on large-scale testing to be included in the report on modelling covid-19 vaccination

Thanks. Perhaps there is a difference, 24 h for a rapid antigen test, 48 h for a PCR test?

From: [5.1.2e] [5.1.2e] [5.1.2e] [5.1.2e] <[5.1.2e]@rivm.nl>
Sent: vrijdag 5 maart 2021 14:07
To: [5.1.2e] [5.1.2e] <[5.1.2e]@rivm.nl>; [5.1.2e] [5.1.2e] <[5.1.2e]@rivm.nl>; [5.1.2e] [5.1.2e] <[5.1.2e]@rivm.nl>
Subject: RE: text on large-scale testing to be included in the report on modelling covid-19 vaccination

Hi [5.1.2e]

I reads well. I only have a small suggestion for the 24hrs validity of testing.

Although the suggestion is small, I do it intentionally.

I know the question of VWS was phrased in context of mass-testing, but given the fieldlabs, the Deloitte app, and since today I have learned that from next week RIVM will judge all sorts of COVID tests (home testing, antigen test, washings etc.) to enter the Dutch market (they expect +/- 45 entries). Hence, I still think that when they talk about "mass-testing" this is very much in in the context of events, on a mass-scale.

Hence, I agree that the 24 hour message is important as de Jonge changed it to 48hrs in the press, and hence I have tried to make this even more clear, and I have included this also in the conclusion.

Best,

5.1.2e

From: 5.1.2e 5.1.2e <5.1.2e @rivm.nl>

Sent: 05 March 2021 13:50

To: 5.1.2e 5.1.2e <5.1.2e @rivm.nl>; 5.1.2e 5.1.2e <5.1.2e @rivm.nl>; 5.1.2e 5.1.2e 5.1.2e 5.1.2e <5.1.2e @rivm.nl>

Subject: RE: text on large-scale testing to be included in the report on modelling covid-19 vaccination

Hi 5.1.2e

Thanks! And thanks 5.1.2e for spotting this, there was an error in calculating the lines with lower reproduction number (that's what I should have expected since I used excel), now corrected.

Best

5.1.2e

From: 5.1.2e 5.1.2e <5.1.2e @rivm.nl>

Sent: vrijdag 5 maart 2021 12:37

To: 5.1.2e 5.1.2e <5.1.2e @rivm.nl>; 5.1.2e 5.1.2e <5.1.2e @rivm.nl>; 5.1.2e 5.1.2e 5.1.2e 5.1.2e <5.1.2e @rivm.nl>

Subject: RE: text on large-scale testing to be included in the report on modelling covid-19 vaccination

Hi 5.1.2e

Much clearer, thanks!
But I have two points:

1. In the figure, the lines do not reach the R values indicated in the legend (eg the yellow line stays at $R < 1$, and it should be 1.5)
2. Naively I would say that if single large-scale testing results in a rebound to the original incidence within 10 days (doubling time 21 days, so $R \approx 1.15$), it should be effective to do mass testing every <10 days. This is far from what the figure suggests for regular mass testing. Is it possible to bring these arguments together?

Best wishes

5.1.2e

From: 5.1.2e 5.1.2e <5.1.2e @rivm.nl>

Sent: Friday 5 March 2021 11:36

To: 5.1.2e 5.1.2e <5.1.2e @rivm.nl>; 5.1.2e 5.1.2e 5.1.2e 5.1.2e <5.1.2e @rivm.nl>; 5.1.2e 5.1.2e <5.1.2e @rivm.nl>

Subject: Re: text on large-scale testing to be included in the report on modelling covid-19 vaccination

Hi 5.1.2e

This looks good!

Best,

5.1.2e

From: 5.1.2e 5.1.2e

Sent: Friday, 5 March 2021 09:18:54

To: 5.1.2e 5.1.2e 5.1.2e 5.1.2e 5.1.2e 5.1.2e 5.1.2e 5.1.2e

Subject: RE: text on large-scale testing to be included in the report on modelling covid-19 vaccination

Dear 5.1.2e

Thanks for your comments, very helpful. I have rewritten the text based on your suggestions. This text has to be with VWS by March 8th, such that the minister can show we did evaluate the impact of large scale testing on the reproduction number, as he had promised earlier.

Best

5.1.2e

From: 5.1.2e 5.1.2e <5.1.2e@rivm.nl>

Sent: woensdag 3 maart 2021 13:30

To: 5.1.2e 5.1.2e 5.1.2e 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e 5.1.2e

<5.1.2e@rivm.nl>

Subject: RE: text on large-scale testing to be included in the report on modelling covid-19 vaccination

Hi 5.1.2e

I've added some comments to those of 5.1.2e and 5.1.2e. Overall, I think the thinking behind the interval between tests and its impact on transmission could be made more clear. I think 5.1.2e and I were both similarly confused, so perhaps the ministers will be as well. It's quite an interesting issue to think about and may be worth looking into in more detail with my individual-based model. We could simulate the population of Amsterdam and look at how different testing intervals and levels of compliance impact transmission. That would take a bit of time, but let me know if you think it's something worth looking into further.

Best,

5.1.2e

From: 5.1.2e 5.1.2e 5.1.2e 5.1.2e <5.1.2e@rivm.nl>

Sent: woensdag 3 maart 2021 12:06

To: 5.1.2e 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e 5.1.2e <5.1.2e@rivm.nl>

Subject: RE: text on large-scale testing to be included in the report on modelling covid-19 vaccination

Ha 5.1.2e

Sorry, I have added quite a lot of comments/changes. Because reading and thinking about it I personally required more differentiation between the first paragraphs and the last, hence I dreamed up to terms: canvas testing and adaptive testing to differentiate between two approaches. Maybe better terms exist for these, but I am 100% ignorant on (mass) testing strategies.

It is just a suggestion, no need to include any of these comments, as it changed the text quite a bit.

Best wishes,

5.1.2e

From: 5.1.2e 5.1.2e <5.1.2e @rivm.nl>

Sent: 03 March 2021 09:58

To: 5.1.2e 5.1.2e <5.1.2e @rivm.nl>; 5.1.2e 5.1.2e <5.1.2e @rivm.nl>; 5.1.2e 5.1.2e 5.1.2e 5.1.2e
<5.1.2e @rivm.nl>

Subject: RE: text on large-scale testing to be included in the report on modelling covid-19 vaccination

Hi 5.1.2e

Some comments (sorry 5.1.2e in Dutch).

5.1.2e

From: 5.1.2e 5.1.2e <5.1.2e @rivm.nl>

Sent: Tuesday 2 March 2021 13:19

To: 5.1.2e 5.1.2e <5.1.2e @rivm.nl>; 5.1.2e 5.1.2e <5.1.2e @rivm.nl>; 5.1.2e 5.1.2e 5.1.2e
<5.1.2e @rivm.nl>

Subject: text on large-scale testing to be included in the report on modelling covid-19 vaccination

Hi 5.1.2e

Here is a piece of text that I would like to add to the report on COVID-19 vaccination for the ministry and health council about large-scale testing. It is in response to a request from the ministry. In itself it has nothing to do with vaccination, but the main argument is that large-scale testing may have an impact when combined with other control measures such as vaccination.

Can you read it and suggest improvements?

Best

5.1.2e