

**To:** 5.1.2e [redacted] 5.1.2e [redacted] @rivm.nl]; 5.1.2e [redacted] 5.1.2e [redacted] @rivm.nl]; 5.1.2e [redacted] 5.1.2e [redacted] @rivm.nl]  
**Cc:** 5.1.2e [redacted] 5.1.2e [redacted] @rivm.nl]  
**From:** 5.1.2e [redacted]  
**Sent:** Thur 2/18/2021 8:24:58 AM  
**Subject:** RE: Update from vaccine planning  
**Received:** Thur 2/18/2021 8:24:59 AM

Hi 5.1.2e [redacted]

Thanks, that does not sound promising, but for now I'll use previous week's data then.

5.1.2e [redacted]

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**From:** 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>  
**Sent:** Thursday 18 February 2021 09:23  
**To:** 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>; 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>; 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>  
**Cc:** 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>  
**Subject:** RE: Update from vaccine planning

Hi all,

Last week I heard that the persons from 5.1.2e [redacted] that developed the logistics model of the vaccine planning have handed over their work to 5.1.2e [redacted] from RIVM.

It has been difficult to reach 5.1.2e [redacted] as he was not responding to emails and did not pick up his phone. Yesterday he indicated it was very busy, and we have planned a meeting today at 15.30.

So far, he did also not answer questions on whether something has changed in vaccine deliveries or strategy, or has sent an update of the spreadsheet. I asked for that again this morning, not sure I will hear anything.

Last week, changes in vaccine deliveries were minor compared to the week before. I keep you updated, but otherwise I think you might need to use the data I have send you last week.

Best,

5.1.2e [redacted]

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**From:** 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>  
**Sent:** donderdag 11 februari 2021 08:23  
**To:** 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>; 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>; 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>  
**Cc:** 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>  
**Subject:** RE: Update from vaccine planning

Hi 5.1.2e [redacted]

Thanks for updating the vaccine schedule. About adapting 5.1.2e [redacted] model, do you need to adapt it because currently it doesn't account for vaccine allocation capacity? For example, right now it assumes that if 5.1.2b [redacted] doses is delivered in a week, all will be allocated. However, in reality only about 5.1.2b [redacted] could actually go into arms in a week.

I remember 5.1.2e [redacted] mentioning this problem, but don't know if he got around to solving it. It's obviously not a problem now with such small vaccine deliveries, but it certainly will be later on.

Best,

5.1.2e [redacted]

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**From:** 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>  
**Sent:** Thursday, 11 February 2021 08:08  
**To:** 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>; 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>; 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>  
**CC:** 5.1.2e [redacted] <5.1.2e [redacted]@rivm.nl>  
**Subject:** RE: Update from vaccine planning

Well, there was a new logistics model, so I tried to adapt 5.1.2e model to that, but somehow some weird numbers came out. So I used 5.1.2e old template, which went really quick. But eventually, I need to adapt it when more vaccines are built in.

Best regards,

5.1.2e

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

**Sent:** woensdag 10 februari 2021 17:42

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

**Cc:** 5.1.2e <5.1.2e@rivm.nl>

**Subject:** RE: Update from vaccine planning

Thanks 5.1.2e that's really great!

Is it a lot of work actually? If so, we may consider not updating every week if it seems that changes are only minor.

5.1.2e

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

**Sent:** Wednesday 10 February 2021 17:22

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

**Cc:** 5.1.2e <5.1.2e@rivm.nl>

**Subject:** RE: Update from vaccine planning

I aimed to do an update of 5.1.2e spreadsheet using new data from the logistics group. The strategy was unchanged, an some small updates of AZ vaccine deliveries.

Hope I did it correct, but let me know if you see irregularities compared to last week.

The CSV is in, filename 5.1.2i

5.1.2i

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

**Sent:** maandag 8 februari 2021 17:59

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

**Cc:** 5.1.2e <5.1.2e@rivm.nl>

**Subject:** RE: Update from vaccine planning

Yes they are cumulative.

5.1.2e

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

**Sent:** Monday 8 February 2021 17:45

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

**Cc:** 5.1.2e <5.1.2e@rivm.nl>

**Subject:** Re: Update from vaccine planning

I was just looking over the last set 5.1.2e sent me. Are the percentages cumulative?

Best,

5.1.2e

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**From:** 5.1.2e  
**Sent:** Monday, 8 February 2021 15:50:47  
**To:** 5.1.2e; 5.1.2e; 5.1.2e  
**Cc:** 5.1.2e  
**Subject:** RE: Update from vaccine planning

Yes, I will take over. I need to ask the people from logistics whether they updated their sheets.

Best regards,

5.1.2e

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**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** maandag 8 februari 2021 14:35  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Cc:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** RE: Update from vaccine planning

Hi 5.1.2e

Thursday morning is EPI research day, so I'm trying to plan ahead of what I usually do on Thursdays for the OMT simulations. One thing since two weeks is an update of the vaccination schedule. Have I understood correctly that 5.1.2e will now do this?

My question to either of you: will there be an update from last week? And if so, do you know when that may be done? I think you depend on input from VWS, which will come Thursday, and then you can do it after the research day morning, is that correct?

Best wishes

5.1.2e

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**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** Thursday 4 February 2021 12:07  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Cc:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** RE: Update from vaccine planning

After looking into this, I have decided to change the sheets of last Friday, attached an updated file with the most recent info on the delivery of AZ [to the best of my capacity].

BW,

5.1.2e

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**From:** 5.1.2e  
**Sent:** 04 February 2021 10:53  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Cc:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** Update from vaccine planning

Hi both,

I got an update from the planners; unfortunately the spreadsheet I received has changed compared to the sheet from last Friday, so I am not sure I can create an updated file easily – but will try.

However, the scenario they are working with is the B1-parallel scenario regarding the distribution of AZ from last Friday.

Therefore this file attached, because if I don't have an updated sheet for you by whenever you need it, please use this one.

Best wishes,

5.1.2e

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**From:** 5.1.2e <5.1.2e@unilever.com>  
**Sent:** 04 February 2021 10:43  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@unilever.com>  
**Cc:** 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** RE: [External] - FW: nieuwe spreadsheet

Hey 5.1.2e

De belangrijkste wijzigingen zijn visueel en een deel in de back end, maar het resultaat zou hetzelfde moeten zijn.  
Het is inderdaad scenario B1 parallel

Daarnaast moet je nog het nieuwe leverschema van AZ in mee moeten nemen (in doses):

5-2: 5.1.1c  
10-2: 5.1.1c  
17-2: 5.1.1c  
28-2: 5.1.1c  
Totaal in feb: 5.1.1c

Dit zit nog niet in het model dat we hadden gestuurd

Groeten,

5.1.2e

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**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** 04 February 2021 10:38  
**To:** 5.1.2e <5.1.2e@unilever.com>; 5.1.2e <5.1.2e@unilever.com>  
**Cc:** 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** RE: [External] - FW: nieuwe spreadsheet

Dank!

Ik zie dat de spreadsheet weer veranderd is sinds vorige week, dus moet weer eventjes zoeken wat precies waar staat.  
Daarom een vraagje: als ik de spreadsheet lees dan is het de scenario B-parallel geworden wat betreft de distributie van AstraZeneca. Zijn er daarnaast nog grote veranderingen? Want anders pak ik de output van dit scenario die ik afgelopen vrijdag had – want die ligt al klaar.

Groet,

5.1.2e

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**From:** 5.1.2e <5.1.2e@unilever.com>  
**Sent:** 04 February 2021 10:04  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@unilever.com>  
**Cc:** 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** [Spam] RE: [External] - FW: nieuwe spreadsheet

Hi 5.1.2e

Zie bijlage!

Mvg,

5.1.2e

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

Sent: donderdag 4 februari 2021 09:05

To: [redacted] <[redacted]@unilever.com>; [redacted] <[redacted]@unilever.com>

Cc: [redacted] <[redacted]@rivm.nl>

Subject: RE: [External] - FW: nieuwe spreadsheet

Goedemorgen [redacted]

Is het nog gelukt gisteravond? Heb je nog een nieuwe versie?

Groet,

[redacted]

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From: [redacted] <[redacted]@unilever.com>

Sent: 03 February 2021 17:25

To: [redacted] <[redacted]@rivm.nl>; [redacted] <[redacted]@unilever.com>

Cc: [redacted] <[redacted]@rivm.nl>

Subject: RE: [External] - FW: nieuwe spreadsheet

Hoi [redacted]

Op dit moment is nog keuze gemaakt van scenario, er zijn wel weer redelijk wat wijzigingen in het leverschema. Vanavond zou de nieuwe versie van het model moeten werken. Kan ik het dan/morgenochtend naar je opsturen?

Mvg,

[redacted]

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From: [redacted] <[redacted]@rivm.nl>

Sent: woensdag 3 februari 2021 15:53

To: [redacted] <[redacted]@unilever.com>

Cc: [redacted] <[redacted]@unilever.com>; [redacted] <[redacted]@rivm.nl>

Subject: [External] - FW: nieuwe spreadsheet

Beste [redacted]

Sorry, ik had je niet meegenomen in onderstaande mail.

Hebben jullie een update? Want dan kan ik dat nog verwerken voor de modellen die ze morgen draaien.

Groet,

[redacted]

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From: [redacted] <[redacted]@unilever.com>

Sent: 03 February 2021 12:20

To: [redacted] <[redacted]@unilever.com>

Cc: [redacted] <[redacted]@rivm.nl>

Subject: nieuwe spreadsheet

Hoi [redacted]

Even de wekelijkse check met jullie.

Is er al een beslissing genomen over de scenario, en/of is er nog een nieuwe planning spreadsheet?

Ook mijn collega [redacted] in de cc die het contact met jullie van mij overneemt.

Groet,

[redacted]

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