

**To:** [REDACTED] [REDACTED]@rivm.nl  
**From:** [REDACTED]  
**Sent:** Tue 8/18/2020 10:10:50 AM  
**Subject:** RE: Updated results estimation of asymptomatic proportion from Pienter3  
**Received:** Tue 8/18/2020 10:10:51 AM  
[Spain Vo studies asymptomatic prop 20200727.docx](#)

I actually think these are getting close to reality – the Pienter data might turn out to be the best we have. Regarding other countries' data - best comparisons are Spain's seroprevalence study and the PCR testing data from almost everyone in Vo' in Italy. (Non-random/comprehensive testing policy and follow-up of symptoms means estimates from that German hotspot village are biased; Wuhan data also affected by testing policy I believe). Attached is just such a comparison :D Oh, also the Diamond Princess indicated even higher asympt prop, in a rather elderly population – see the doc that Fumi placed in this folder.

Gr [REDACTED]

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**From:** [REDACTED] <[REDACTED]@rivm.nl>  
**Sent:** dinsdag 18 augustus 2020 12:05  
**To:** [REDACTED] <[REDACTED]@rivm.nl>  
**Subject:** RE: Updated results estimation of asymptomatic proportion from Pienter3

Hi [REDACTED]

Thanks for this figure.  
This is a remarkably large asymptomatic proportion! How does this relate to large-scale testings carried out for example in Vo (Italy), and I think more recently in Germany (a village), and possibly the testing results of Wuhan 2-3 months ago?

[REDACTED]

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**From:** [REDACTED] <[REDACTED]@rivm.nl>  
**Sent:** dinsdag 18 augustus 2020 11:28  
**To:** [REDACTED] <[REDACTED]@rivm.nl>; [REDACTED] <[REDACTED]@rivm.nl>; [REDACTED] <[REDACTED]@rivm.nl>; [REDACTED] <[REDACTED]@rivm.nl>; [REDACTED] <[REDACTED]@rivm.nl>; [REDACTED] <[REDACTED]@gmail.com>  
**Cc:** [REDACTED] <[REDACTED]@rivm.nl>  
**Subject:** Updated results estimation of asymptomatic proportion from Pienter3

Hi,  
As mentioned, the updated outline report of this work can be found here:

[REDACTED] 5.1.2i  
The attached plot shows the estimates per 10 year age-group

Greetings,  
[REDACTED] 5.1.2e