

STATE OF  
COLORADO

Bush - CDPHE Contractor, Eric &lt;eric.bush@state.co.us&gt;

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**Fwd: New data request- household transmission**

1 message

**Gabrieloff - CDPHE, Eduardo** <eduardo.gabrieloff@state.co.us>

Wed, Nov 10, 2021 at 11:33 AM

To: "Bush - CDPHE Contractor, Eric" <eric.bush@state.co.us>, Nathan Williams - CDPHE Contractor  
<nathan.williams@state.co.us>

Hi everyone,

This may be an easy process or may be a difficult one, but I think our first step here should be figuring out exactly how many cases we're talking about for the two timeframes Alicia lists below. Eric, could you pull those numbers for us? (Children 0-17 from Sept 1-Nov 1 2020 and Sept 1-Nov 1 2021) We can then regroup after that to decide a path forward on how we'll standardize these addresses.

Thanks,

**Eduardo Gabrieloff***Pronouns: he, him, his***Data Analysis, Visualization, and Integration Manager**

Communicable Disease Branch



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----- Forwarded message -----

From: **Cronquist - CDPHE Contractor, Alicia** <[alicia.cronquist@state.co.us](mailto:alicia.cronquist@state.co.us)>

Date: Tue, Nov 9, 2021 at 4:44 PM

Subject: New data request- household transmission

To: Eduardo Gabrieloff - CDPHE ([eduardo.gabrieloff@state.co.us](mailto:eduardo.gabrieloff@state.co.us)) <[eduardo.gabrieloff@state.co.us](mailto:eduardo.gabrieloff@state.co.us)>

Hi Eduardo,

RH and Vanadata team trying to examine the extent to which transmission is driven by kids. One way to examine might be as follows. Could you please tell me if you, Eric, or Tiffany could take this one? I do not have a due date but as always, soon?

Among cases that occur at same residence, what proportion of the time is a child the first case?

Compare during 2 time frames: where the first case collection date is Sept 1 - Nov 1, 2020 and Sept 1 - Nov 1, 2021. The second case should occur within one month of first case (?)

Dataset: cases having same address (let's see how many there are)

If possible, display the % that were the first case in household using these age ranges 0-4 yrs; 5-11 yrs; 12-17 yrs; 18+ years.

Also, if you have another suggestion for getting at question of whether kid cases result in adult cases, feel free to suggest!! This was the best we could come up with.

Thanks!  
Alicia

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**Alicia Cronquist, MPH, RN**

Lead COVID-19 Surveillance Program Epidemiologist

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*Preferred gender pronouns: she/her/hers*