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Subject: Re: Inconsistencies in heights between NFHS-3 NFHS-4

Posted by [MaryH](#) on Sun, 15 May 2022 18:59:20 GMT

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Dear All,

a few weeks ago I noted that there appear to be discrepancies in (male) height between NFHS-3 and NFHS-4. Since the same pattern curiously also emerges when comparing NFHS-4 to NFHS-5, I thought I would update this post and hope that someone might have an explanation.

Below the plot for men suggests that male height in NFHS-4 consistently lies 2 cm below male height in NFHS-3. And again, male height in NFHS-5 consistently lies 1 cm below average male height from NFHS-4. This means that, taking all men born in any given year, they appear shorter in each successive wave. In contrast, for women, there is no wave-related discrepancy in height. Instead the curves are overlaid and any differences appear consistent with sampling variation.

I wondered if someone might have any clues on why male height appears to be falling over time? Should the level-differences be subject to some sort of re-scaling?

Thank you in advance for your answers!

#### File Attachments

1) [00\\_Height\\_yob\\_bywave\\_Men23-45.png](#), downloaded 282 times

2) [00\\_Height\\_yob\\_bywave\\_Women23-45.png](#), downloaded 254 times

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