
Subject: Glucose level and Diabetes

Posted by [Priya](#) on Mon, 08 Jun 2020 13:46:04 GMT

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I want to recode variable for diabetes from raised glucose level in NFHS-4 male file. What will be cut off level for diabetes and if we also consider those individuals who are taking medicine for diabetes. How can I recode glucose with fasting prior to the test and not fasting.

Subject: Re: Glucose level and Diabetes

Posted by [Bridgette-DHS](#) on Fri, 12 Jun 2020 15:54:11 GMT

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Following is a response from DHS Lead Nutrition Research Associate, Rukundo Benedict:

Dear Priya:

In NFHS-4 random blood glucose was taken as it was not possible to obtain a sample of respondents who had truly 'fasted', even though time since last meal (smb51) or time since last drink (smb52) information was collected. The dataset includes a recoded variable for glucose level (smb70) and the cut-off levels used to determine high glucose levels are 141-160mg/dl high glucose and >160mg/d very high glucose. This is regardless of whether or not the person was taking medication for diabetes. If you're interested in those taking medication, you could tabulate the percentage with normal blood glucose levels (≤ 140 mg/dl) and taking medication. Please note that the high glucose values from the random blood glucose are not sufficient to 'diagnose' diabetes. For more information on diagnostic criteria for diabetes, please read this WHO report: <https://www.who.int/publications/i/item/classification-of-diabetes-mellitus>

Rukundo

Subject: Re: Glucose level and Diabetes

Posted by [Priya](#) on Fri, 12 Jun 2020 16:14:17 GMT

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Thank you.
