



Child Measurement Programme

Primary Care Clusters Supplemental Report:
Betsi Cadwaladr University Health Board
Cardiff and Vale University Health Board

Introduction

The [Child Measurement Programme \(CMP\) report for the 2021-2022](#) data included breakdown at Primary Care Cluster (PCC) level as a pilot. However, the CMP was still recovering from the impact of the covid-19 pandemic with participation remaining lower than usual in several areas. Lower coverage was noted for several of the PCCs in Betsi Cadwaladr and Cardiff & Vale University Health Boards. As a precaution, the data for PCCs with participation rates lower than 70% were suppressed when the main report was published in May 2023.

Following discussions with stakeholders it was decided to publish the previously suppressed PCCs data. The pragmatic justification for this approach was that these were the best available data and that the representativeness analyses indicate that it was reasonable to use these estimates.

Methods

Detailed methods underpinning the analyses of the CMP are available in the 'Child Measurement Programme 2021-2022' report and 'The Child Measurement Programme for Wales: history, legislative framework and technical aspects' document. Both are available on the [CMP Website](#) alongside the other CMP outputs.

The representative analysis methodology is reported in Appendix 1 of the 'Child Measurement Programme 2021-2022' report. Based upon these analyses non-representativeness at PCC level was likely to only have a minimal impact upon results, even in the lower participation clusters. Differences between weighted and unweighted results were small in general, with only two clusters (Central Wrexham and City & Cardiff South) where any weighted result differed by more than 1 percentage point from the unweighted result. Therefore, it was considered appropriate to report raw (unweighted) results for all PCCs.

Supplemental Outputs

Two supplemental outputs have been added to the 2021-2022 data release and are available in Welsh and English on the website:

[PCC Maps for Betsi Cadwaladr and Cardiff & Vale University Health Boards](#)

[PCC Data Tables for Betsi Cadwaladr and Cardiff & Vale University Health Boards](#)

Please note that the supplemental outputs contain data for all PCCs within the relevant Health Boards, including the PCCs with previously reported results.



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Discussion

For Betsi Cadwaladr University Health Board the proportion of children with obesity ranged from 10% (95%CI 9.6-14.3) in Central & South Denbighshire to 15.9% (95%CI 11.0-22.5) in Dwyfor.

For Cardiff & Vale University Health Board the proportion of children with obesity varied from 7.7% (95%CI 5.1-11.5) in Western Vale to 14.8% (95%CI 12.0-18.2) in Cardiff East. This difference was statistically significant.

These results should be interpreted within the context of the caveats that are well documented in the main 2021-2022 report.



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