

# Corrigendum to Productivity of the English National Health Service 2022/23 update, CHE Research Paper 198

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**Error identified:** The Excel spreadsheet used to calculate the NHS output and NHS productivity growth rates for the period 2019/20 - 2022/23 contained a bug, which meant that incorrect figures were displayed and used for the calculations of the NHS output and productivity growth rates between 2019/20 and 2022/23.

The CHE research paper published on 12/05/2025 reported that NHS output growth between 2019/20 and 2022/23 was **3.13%** and **3.57%**, respectively, for the Laspeyres cost-weighted output growth measure and the Laspeyres quality-adjusted output growth measure.

**The correct NHS output growth rates are 1.89% and 2.34%, respectively for the Laspeyres cost-weighted output growth measure and the Laspeyres quality-adjusted output growth measure.**

The CHE research paper published on 12/05/2025, reported that NHS productivity growth between 2019/20 and 2022/23 was **-9.07%** and **-9.65%**, respectively for the mixed and indirect NHS productivity growth measure.

**The correct NHS productivity growth rates are -10.16% and -10.73%, respectively for the mixed and indirect NHS productivity growth measure.**

Finally, the CHE research paper published on 12/05/2025 reported that NHS Trust-only Laspeyres output growth, adjusted for quality, was **1.35%** between 2019/20 and 2022/23.

**The correct NHS Trust-only Laspeyres output growth rate, adjusted for quality, is -0.32%.**

The CHE research paper published on 12/05/2025, reported that NHS Trust-only productivity growth between 2019/20 and 2022/23 was **-7.08%** and **-13.43%**, respectively for the mixed and indirect NHS Trust-only productivity growth measure.

**The correct NHS Trust-only productivity growth rates are **-8.61%** and **-14.85%**, respectively for the mixed and indirect NHS Trust-only productivity growth measure.**

**Location of errors:**

- Summary, p.i
- Executive summary, p. iii
- Section 4. NHS Productivity growth, p. 17: text and Table 4
- Section 5. Overall NHS output and NHS input growth, p. 21, Table 5, and p. 23, Table 7
- Section 8. Concluding remarks, p. 78
- Section 9.3. NHS Trust-only productivity measures, p. 85: text and Table A5.

**All errors have been corrected in this research paper.**