CPI for Other Medical Professionals
Estimating Missing Values

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- **CPI for Other Medical Professionals calculated but not published in months when there is an insufficent sample size.**
- **Published data missing for July 2025 through March 2026; May and July 2026.**

Estimating the Missing Values

- **Regress Medical CPI for Professional Services on CPIs for Other Medical Professionals, Dentists, Physician Services and Eye Glasses and Eye Care:**
  - **Estimate over a rolling 3-year period with constant suppressed.**
  - **Professional = a_1*Other + a_2*Dentists + a_3*Physicians + a_4*Eye**

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- **Other = (Professional - a_2*Dentists - a_3*Physicians - a_4*Eye)/a_1**
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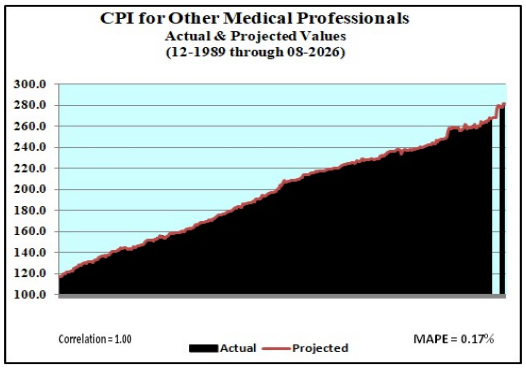
- **Other = (Professional - a_2*Dentists - a_3*Physicians - a_4*Eye)/a_1**
  - **For a given month, use published values for Professional, Dentists, Physicians, and Eye Care with estimated coefficients through the prior month.**
  - **For example, projected value for January 1993 based on January 1993 published values for Professional, Dentists, Physicians, and Eye Care and the regression estimated on the 3 years ending December 1992.**
  - **If actual data Other doesn't exist for ending month, use the projected value.**

Comparison of Actual and Projected Values



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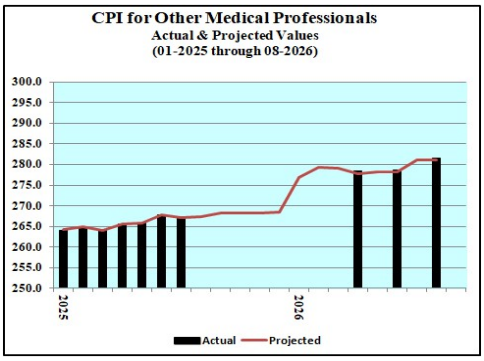
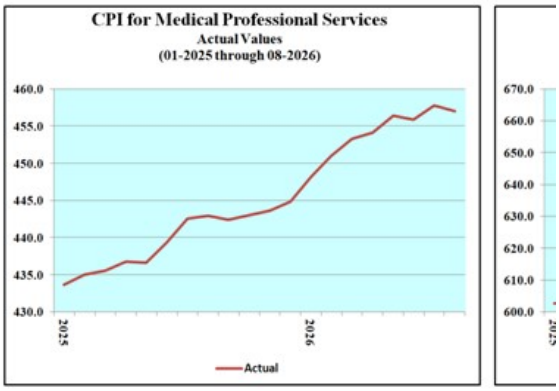


Again, for the regression, use projected values when actual values are missing.

Remaining Medical Services CPIs Actual Values



Conclusion

- **Based on the correlation between the actual and projected values, this appears to be a viable approach.**
- **I will update the Excel spreadsheet through September 2026 and send it to anyone who asks for it.**
- **Excel is not the best way to perform the analysis – Python, C or some other programming language would be a better choice.**
- **Someone with better programming skills than I have might consider a short Data Points article in the *Journal of Legal Economics*.**