Online Appendix

Minding Your Ps and Qs:

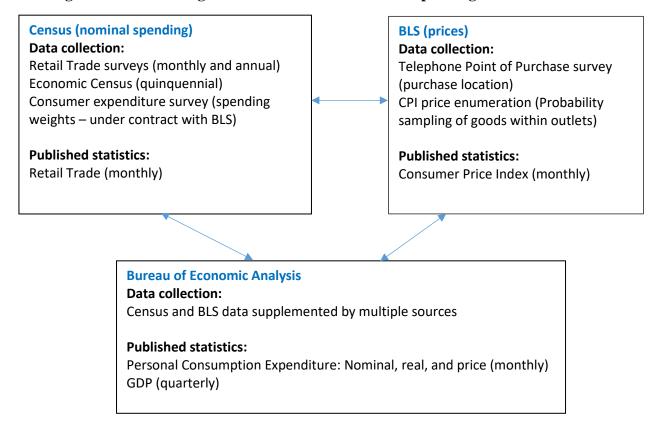
Going from Micro to Macro in Measuring Prices and Quantities

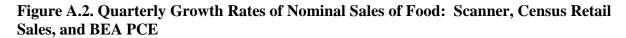
by

Gabriel Ehrlich, John Haltiwanger, Ron Jarmin, David Johnson, and Matthew D. Shapiro*

December 2018 (rev December 31, 2018)

Figure A.1. Measuring Real and Nominal Consumer Spending: Current Architecture





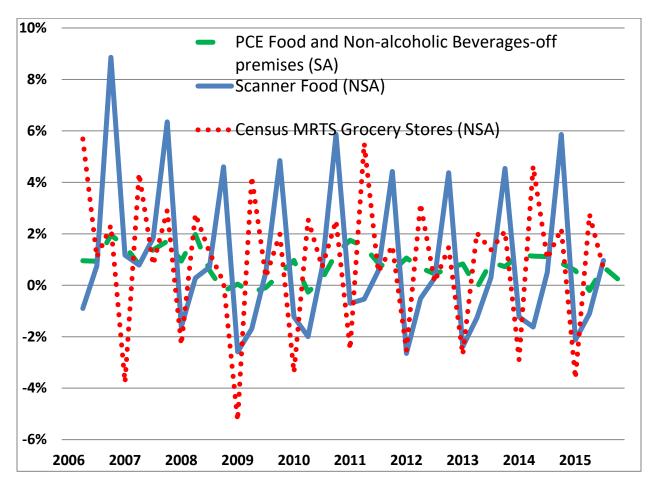
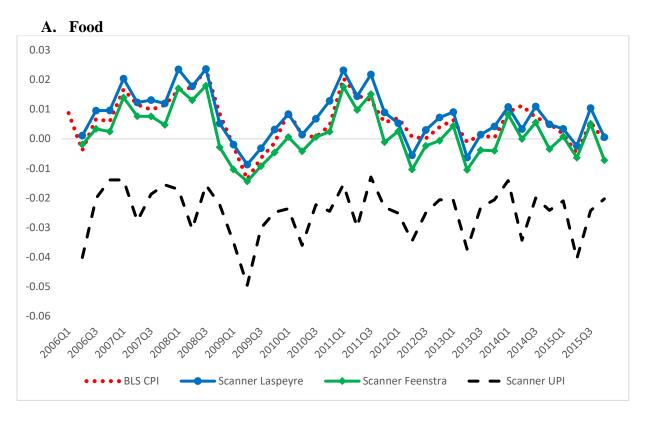


Figure A.3. Comparisons of BLS CPI and Nielsen-Scanner Based Price Indices, Quarterly Changes



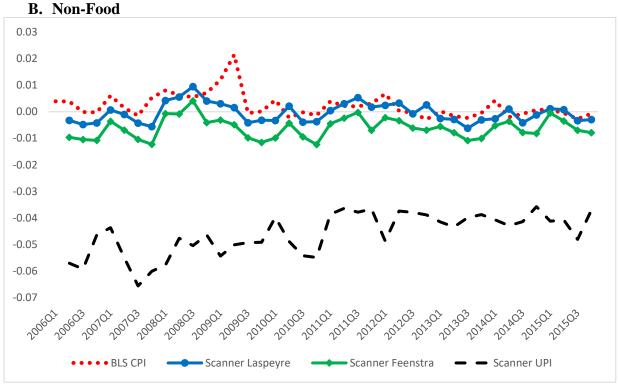
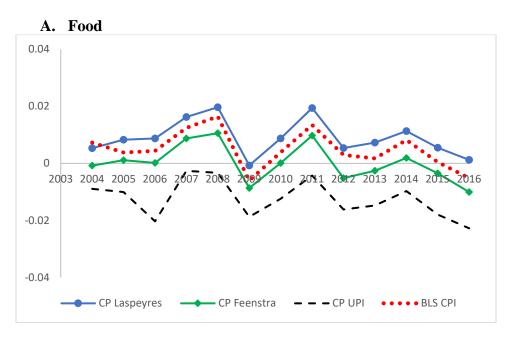


Figure A.4. Comparisons of BLS CPI and Nielsen-Consumer Panel (CP) Based Price Indices, Annual Averages of Quarterly Changes



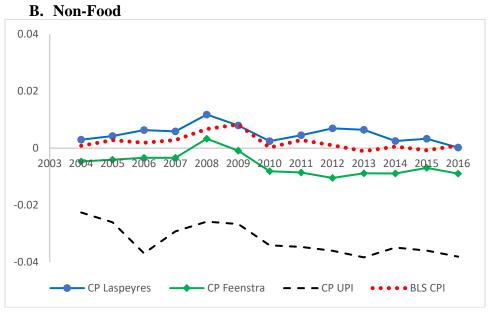


Figure A.5. Comparisons of BLS CPI and Nielsen-Consumer Panel (CP) Based Price Indices, Quarterly Changes

