

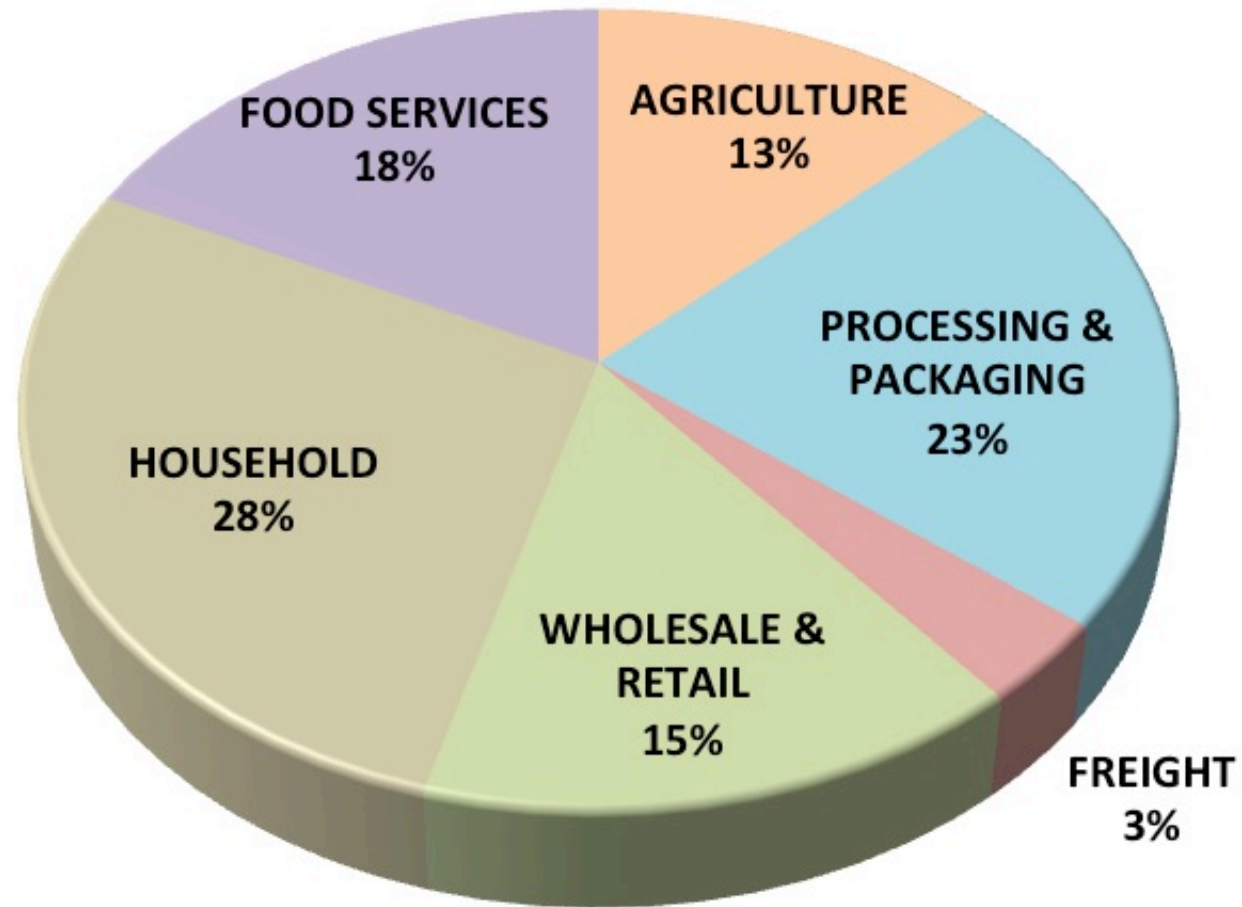
THE ENERGY BASIS OF FOOD SECURITY?

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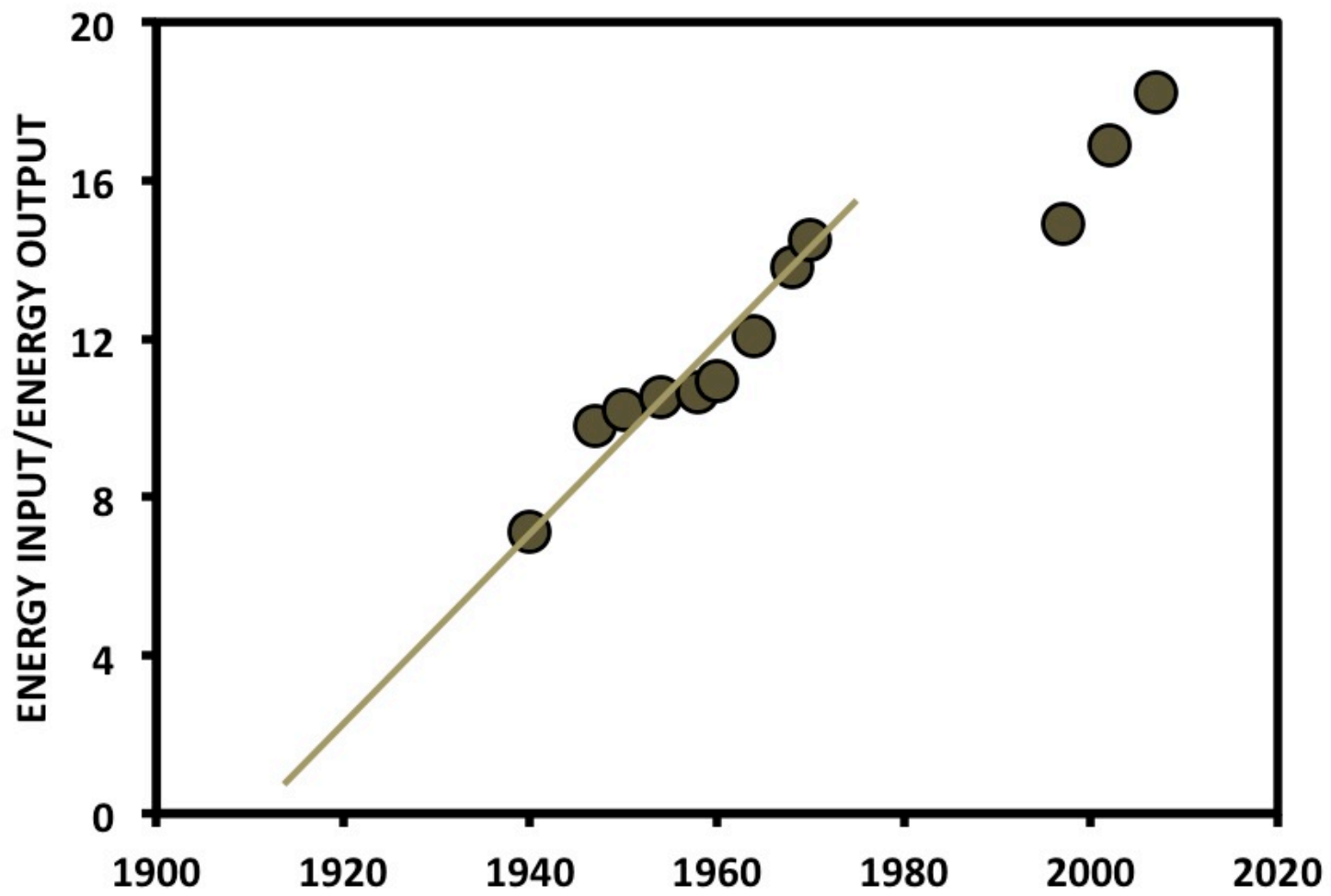
**4TH ANNUAL BIOPHYSICAL ECONOMICS
CONFERENCE**

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$$\textit{Energy Balance} = \frac{\textit{Energy Output}}{\textit{Energy Input}}$$



Energy inputs in the US Food System, based on data from the USDA



PARTING QUESTIONS

How much longer can we afford to subsidize our food system with non-renewable energy?

Can a positive energy balance serve as the basis for food security?

What would an energy-positive food system look like in the 21st century?

How do we get from here to there?