

## **SOME INTERESTING STATISTICS PROBLEMS ARISING FROM ANALYSES OF ENERGY DATA FROM ESTABLISHMENT SURVEYS**

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The author has recently encountered many interesting problems when working with energy data that involved development of new statistical techniques or novel adaptations of existing techniques. The purpose of this talk is to present some of these problems. Both solved and unsolved problems will be discussed. The hope is that the presentation of these problems will serve as seeds for research by others. Some of the problems that will be discussed are (i) how to best measure a rate of change when the data used to form the numerator and denominator come from different, but comparable, sources; (ii) how to estimate weekly values from data collected at a monthly level; and (iii) how to estimate values, that came in the past from aggregating data together from two surveys, when one of one of the surveys is discontinued temporarily

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