

From: Dietz, Sidney  
Sent: 7/9/2013 2:24:12 PM  
To: Zafar, Marzia (marzia.zafar@cpuc.ca.gov) (marzia.zafar@cpuc.ca.gov)  
Cc:  
Bcc:  
Subject: FW: CPUC Res Elec & Gas Avg Rate and Bill by Climate Zone

Marzia –

Here is the climate, see below for a commentary from our analyst on this. We don't think we'll get the BLS to respond to us about the county-level data, but CA has some data that I bet you've already found and used with the county data I already sent:

<http://www.cpec.ca.gov/FiscalData/CACountyEconTable.asp?D=Income>

Liz also included a map and explanation of the CEC climate zones that we used.

Curious how your product will turn out!

yours,

sid

**From:** [Redacted]  
**Sent:** Tuesday, July 09, 2013 2:04 PM  
**To:** Dietz, Sidney  
**Cc:** [Redacted]  
**Subject:** CPUC Res Elec & Gas Avg Rate and Bill by Climate Zone

Hi Sid,

Per the Commissioner's request, attached please find Residential Electric and Gas Average Rates and Bills, by Climate Zone, by Month, for May 2012-April 2013. In order to match the other utilities data, we have provided this information based on CEC Climate Zones. Also, to help distinguish zones, we have attached a visual Map which shows the CEC climate zone locations.

The other part of the Commissioner's request, for average bill as a percentage of average income by county was unavailable. We did search the Bureau of Labor Statistics (BLS) website and found Regional bill to income data, but State/county data was unavailable. The BLS website provided this statement of explanation:

State

Expenditures at the state-level are not calculated or published. The CE releases annual [public-use microdata \(PUMD\)](#) which contain state identifier information. Please note that for confidentiality reasons some state codes have been suppressed for some or all sampled consumer units in that state. Population weights in the microdata represent national weights and will not yield state population totals. Also, the CE sample was not designed to produce precise estimates for individual states. Although state-level estimates that are unbiased in a repeated sampling sense can be calculated for various statistical measures, such as means and aggregates, their estimates will generally be subject to large variances. Additionally, a particular state population estimate from the CE sample may be far from the true state population. Please see the [PUMD documentation](#) for further information on state identifiers.

In order to determine if this information may be available elsewhere, I have reached out to my contact at BLS and she has passed on our request to the department who handles data requests. We have not heard back from BLS at this time. I will follow-up with BLS and let you know what I find out.

Also, thank you to Redacted for providing the raw data for this request. If you have any questions or need further information, please let me know.

Thanks,

Liz