2012 California Energy Consumption – Residential Data

California Public Utilities Commission
Policy & Planning Division
**July 2013**

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Objective & Key Takeaways

- The objective is to show aggregated energy data by city.
- This data is only Residential Data for calendar year 2012.
- The data shows
  - Highest & Lowest bills by City
  - Highest & Lowest Consumption by City
  - Average monthly rates charged by each Utility
  - Average monthly usage per utility territory
- Need further information?
  - Contact the CPUC's Policy & Planning Division
  - http://www.cpuc.ca.gov/PUC/aboutus/Divisions/ppd/
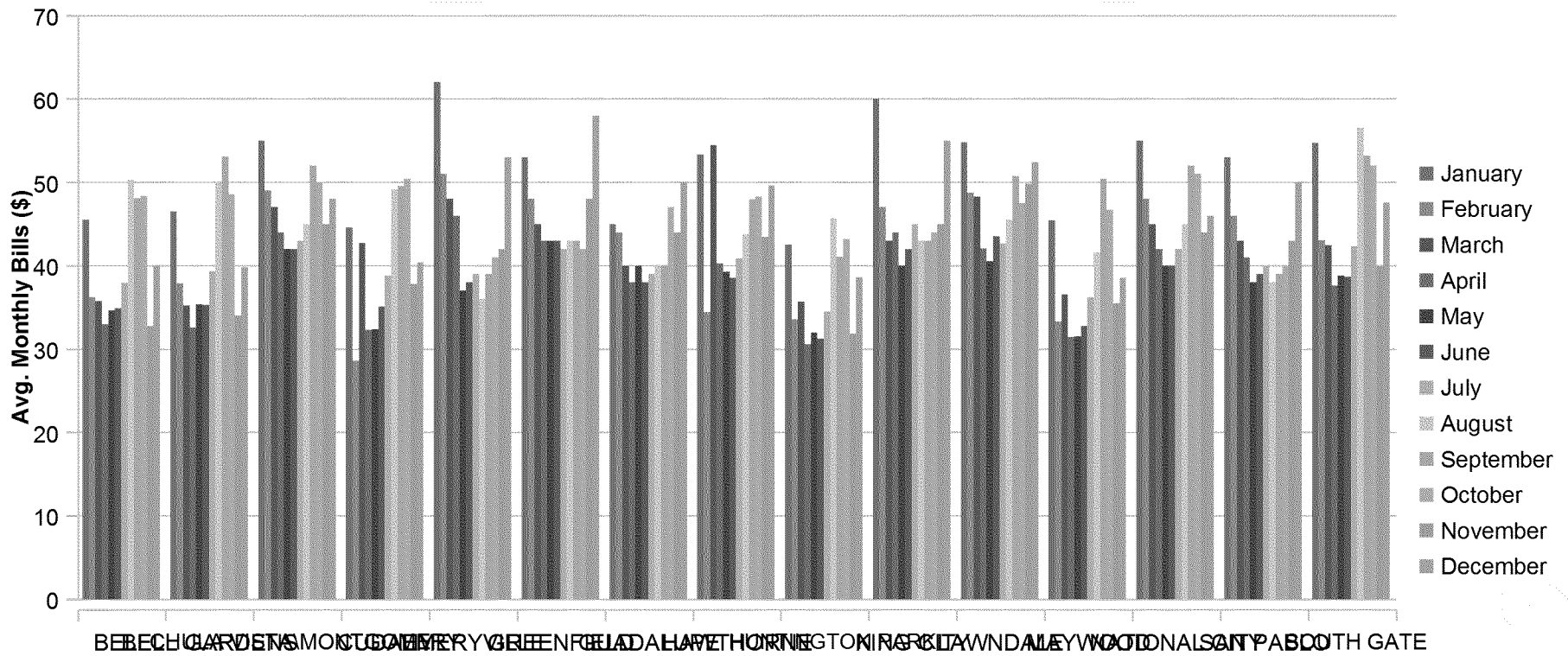
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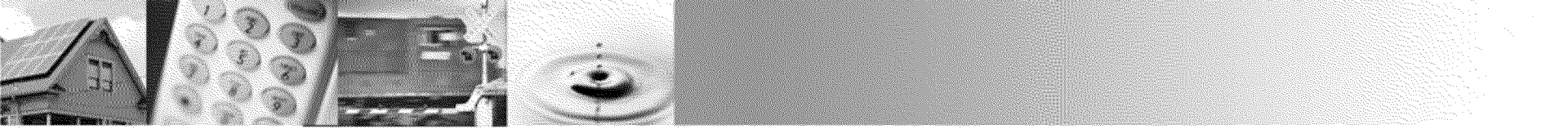
15 Cities that Pay the Most

2012 Highest Monthly Residential Bills
15 Cities that Pay the Most
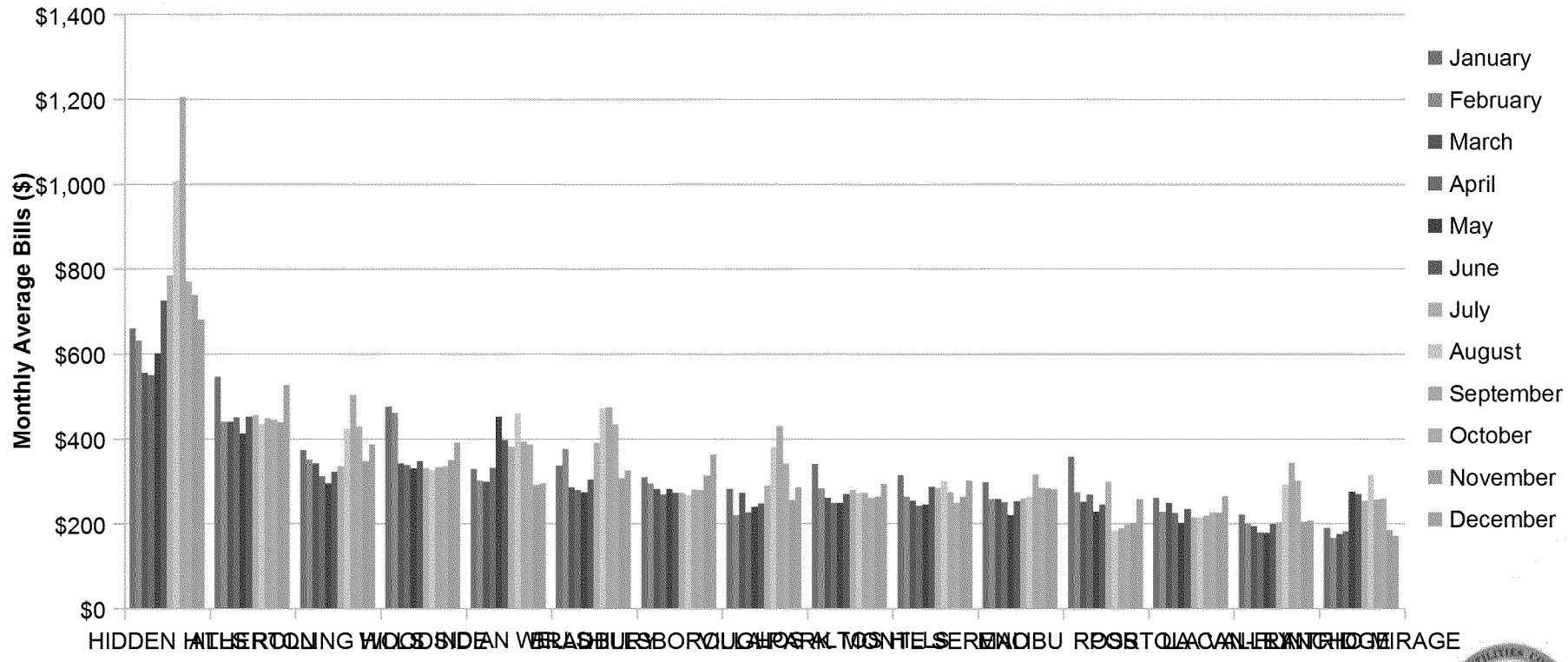
15 Cities that Pay the Least
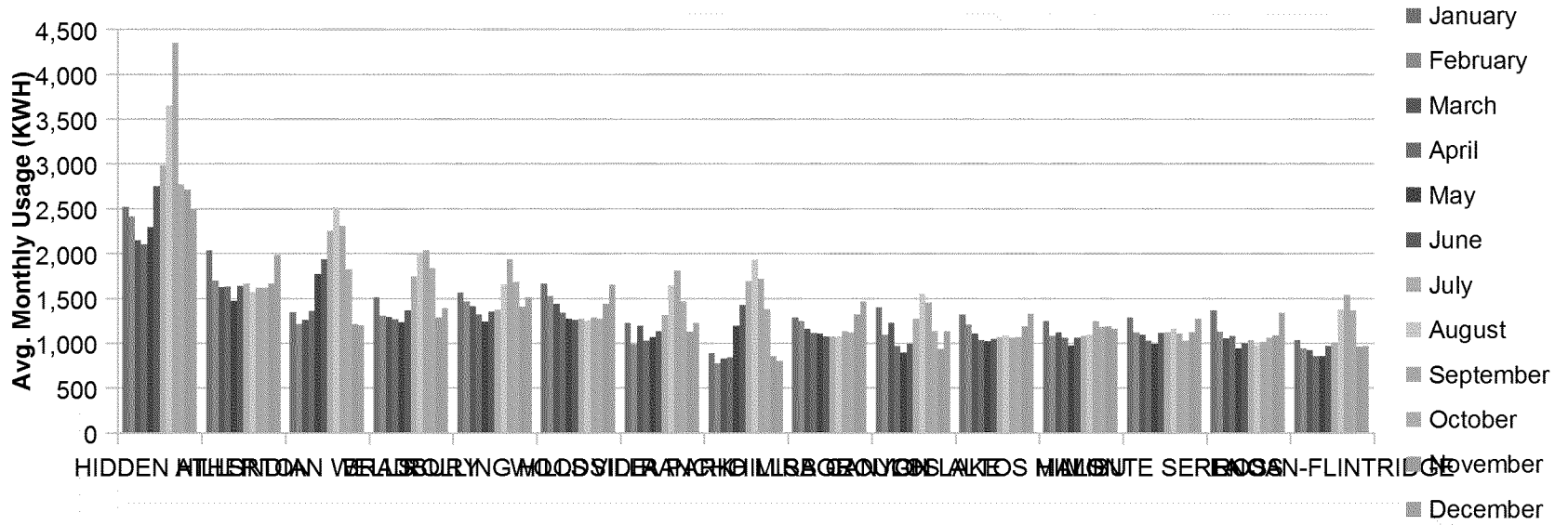
15 Cities with the Lowest Avg. Bills per month
2012 Residential Data

Legend:
- January
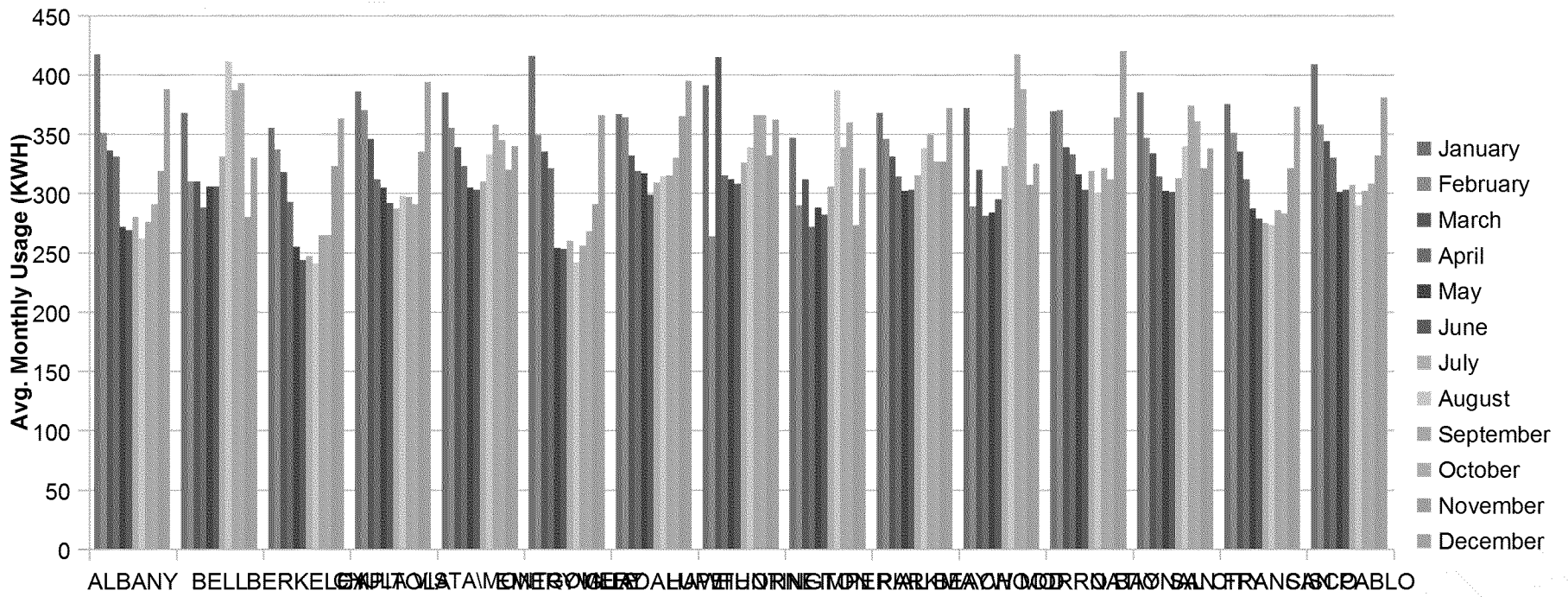- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

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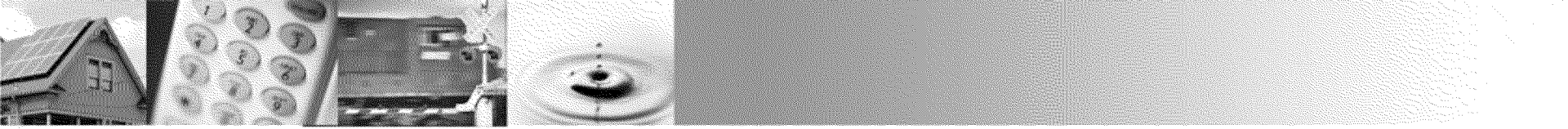
15 Cities that Consume the Most

2012 Highest Monthly Average Consumption
Top 15 Cities that use the most electrity

15 Cities with the Lowest Usage
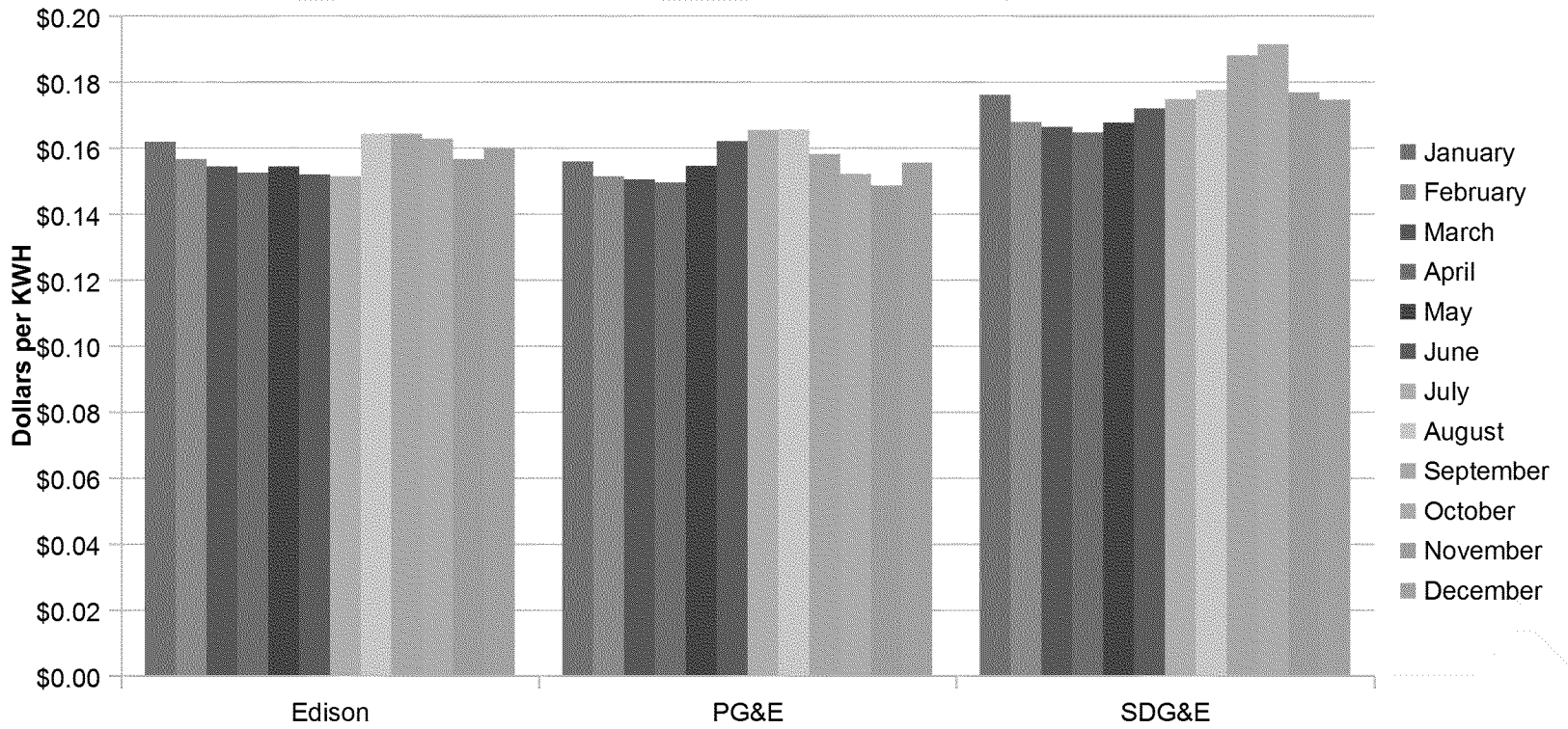**2012 Residential Data**

Avg. Monthly Usage (KWH)

Legend: January, February, March, April, May, June, July, August, September, October, November, December

X-axis cities: ALBANY, BELL, BERKELEY, CAPITOLA, CHULA VISTA, EMERYVILLE, ALAMEDA, HAWTHORNE, HUNTINGTON PARK, BEACH, MAYWOOD, CORONADO, BAY, SAN FRANCISCO, SAN PABLO

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2012 Average Residential Rate

Average Usage – Residential Data for 2012

2012 Residential Data - Monthly Avg. Usage by Utility

Legend: Edison, PG&E, SDG&E

Y-axis: Average Usage (KWH)

X-axis: January, February, March, April, May, June, July, August, September, October, November, December
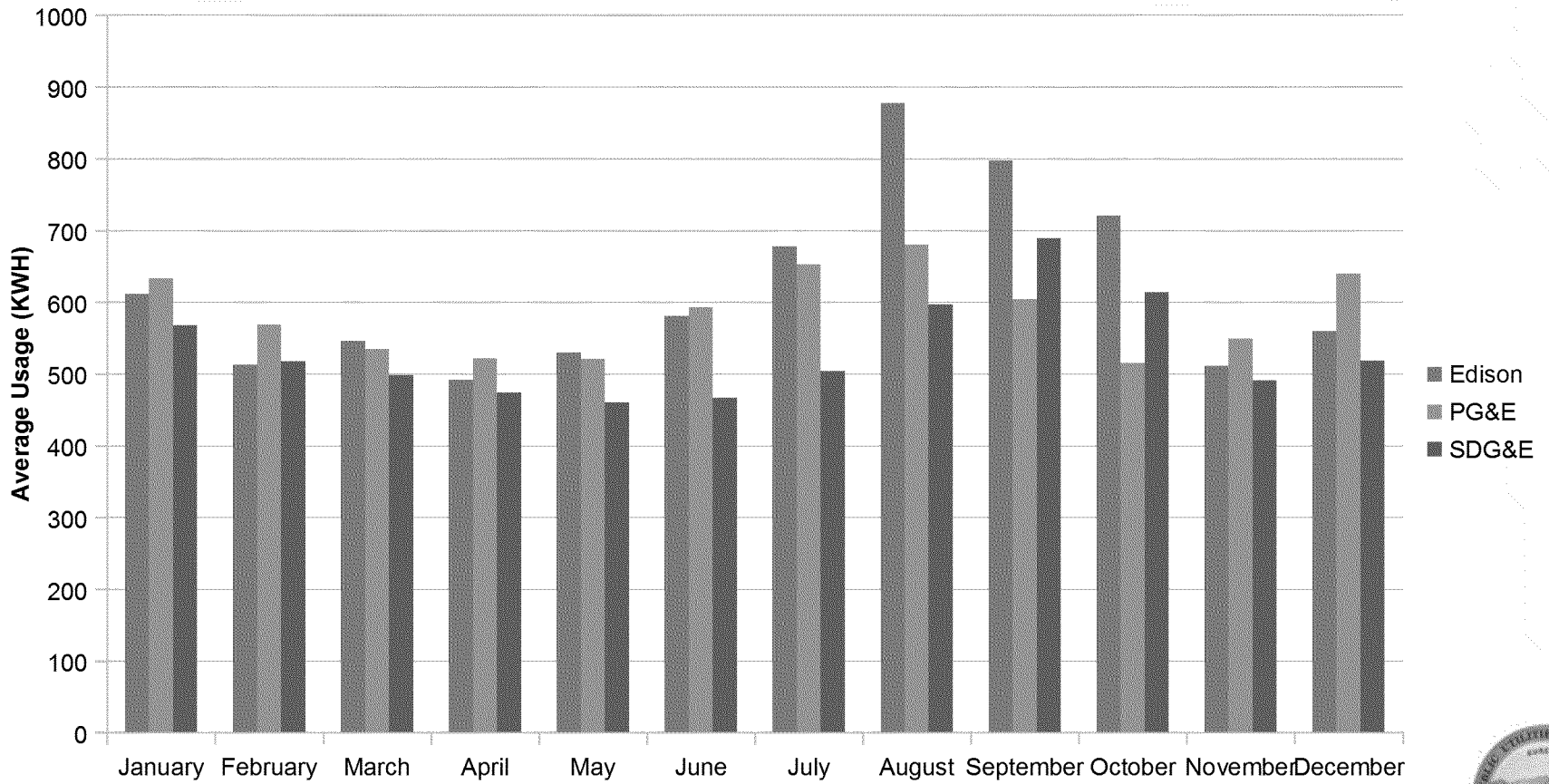
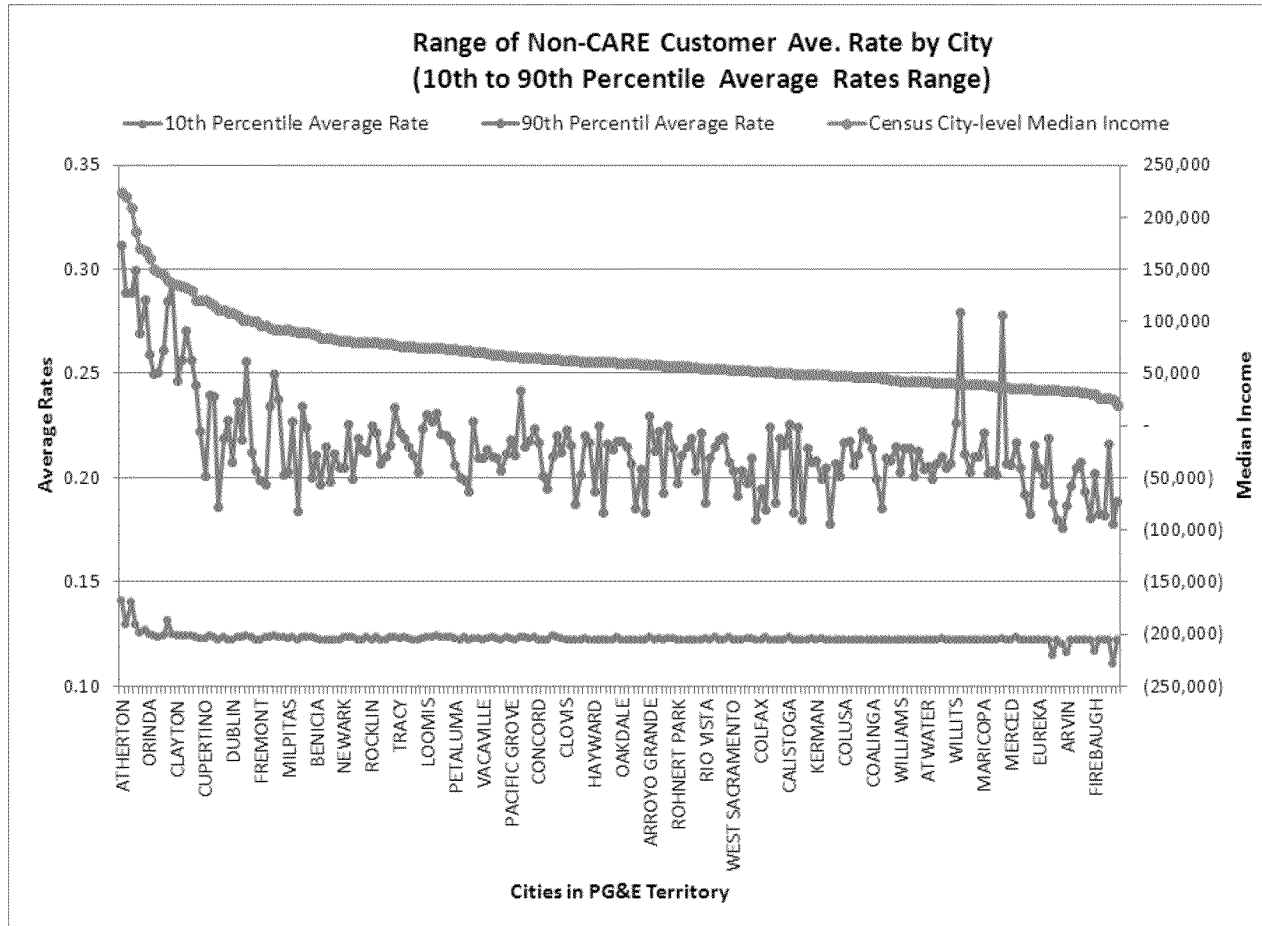# Minimum & Maximum Usage – Residential Data for 2012

Min & Max Usage by Utility by Month
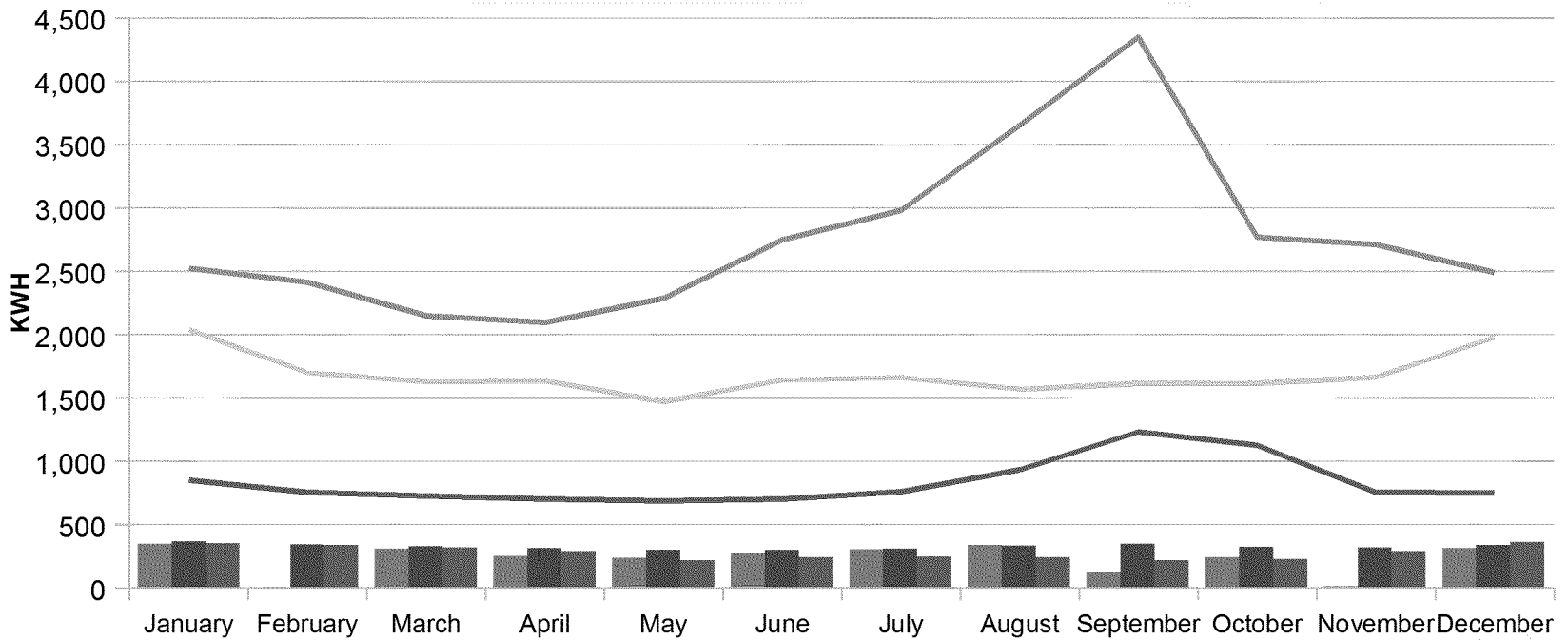
Legend:
- Edison - Min of Average monthly usage (KWH) per household
- SDG&E - Min of Average monthly usage (KWH) per household
- PG&E - Min of Average monthly usage (KWH) per household
- Edison - Max of Average monthly usage (KWH) per household
- PG&E - Max of Average monthly usage (KWH) per household
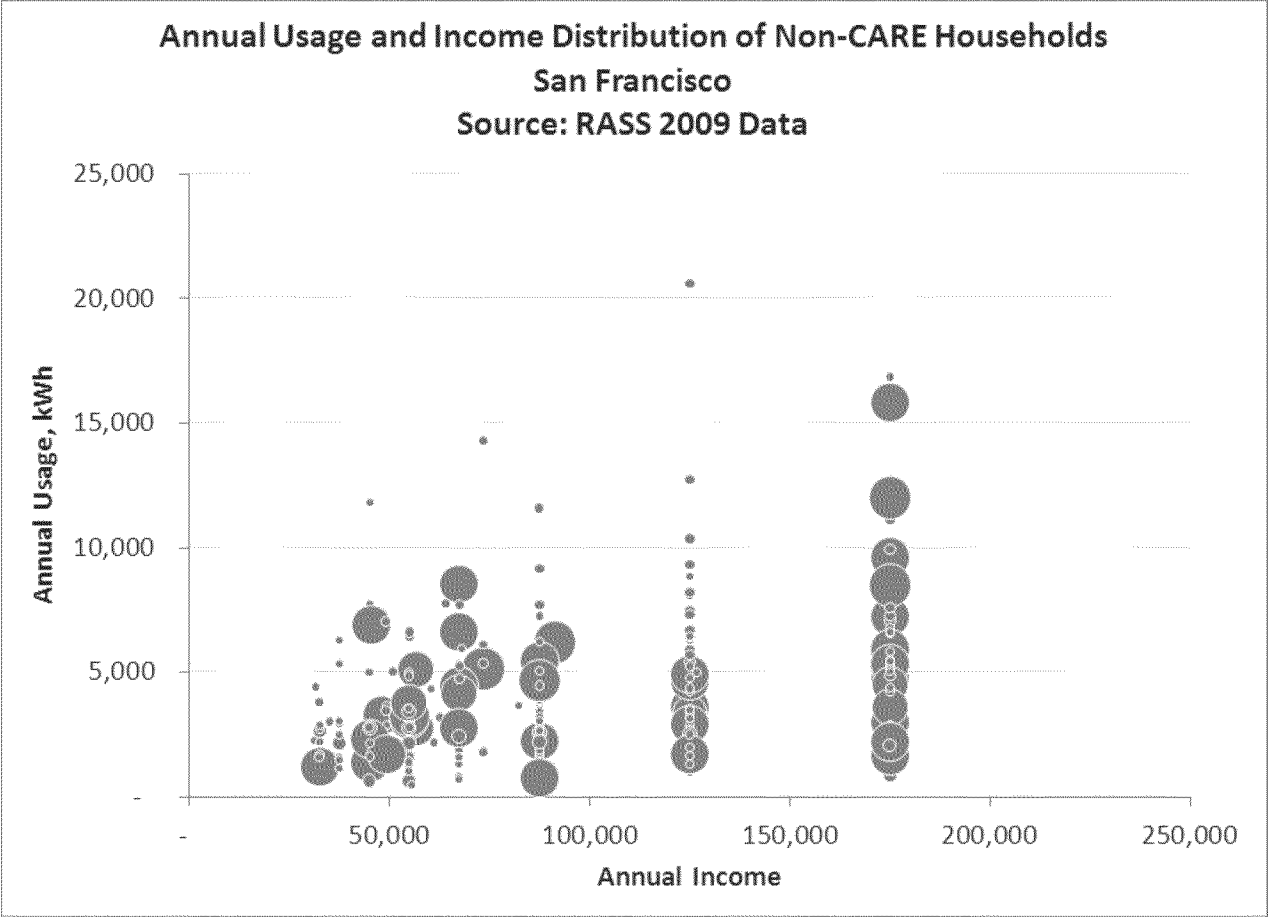- SDG&E - Max of Average monthly usage (KWH) per household

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Range of Non-CARE Customer Ave. Rate by City
(10th to 90th Percentile Average Rates Range)

Not all the cities covered in the plot are labeled in the horizontal axis due to space limit.

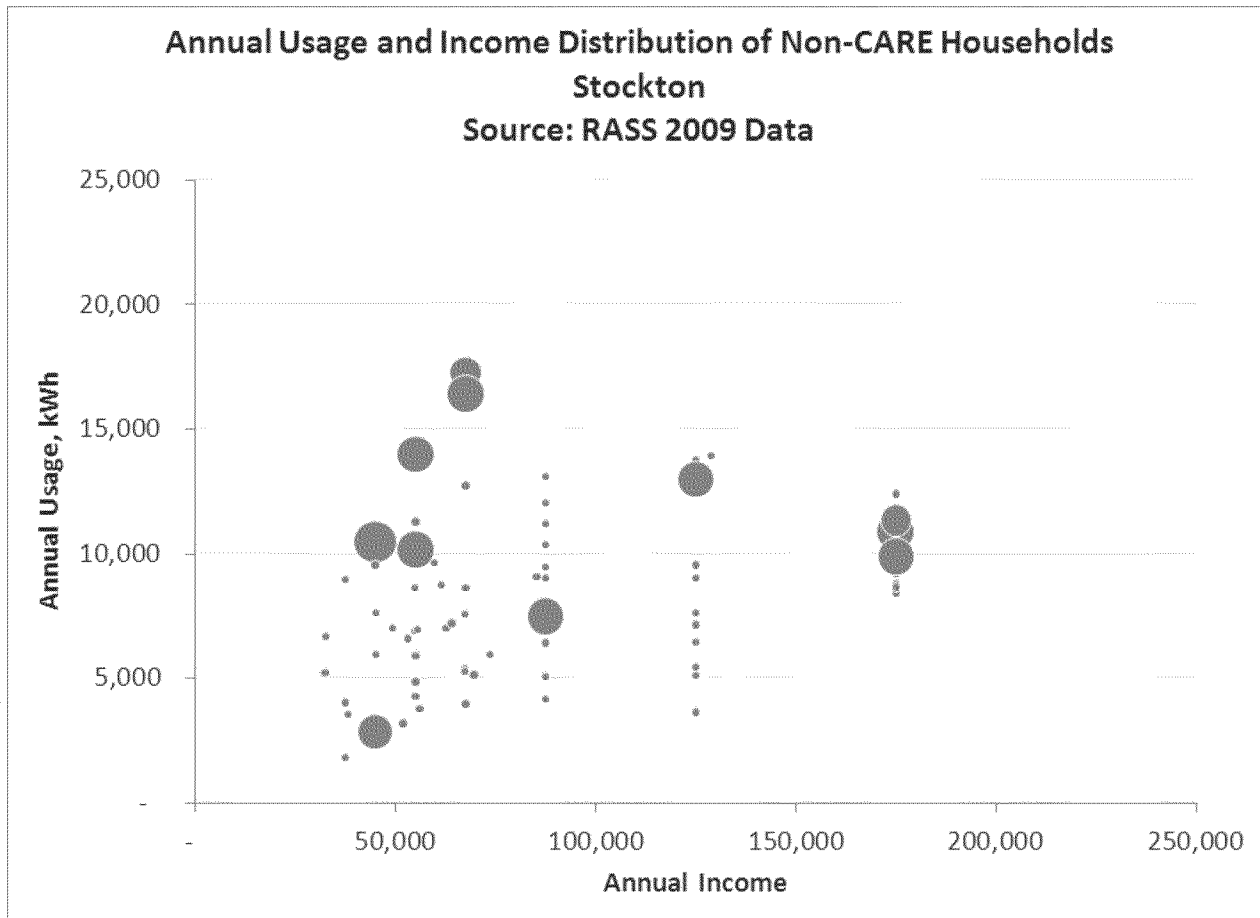Annual Usage and Income Distribution of Non-CARE Households
San Francisco
Source: RASS 2009 Data

Larger bubbles represent larger number of households.

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Annual Usage and Income Distribution of Non-CARE Households
Stockton
Source: RASS 2009 Data

Larger bubbles represent larger number of households.

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Annual Usage and Income Distribution of Non-CARE Households
Fresno
Source: RASS 2009 Data

Larger bubbles represent larger number of households.

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Larger bubbles represent larger number of households.

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