Poll: High Gas Prices Make Many Sacramento Residents Change Driving Behavior, but Majority Remain Slow to Embrace Alternatives and Oppose Gas Tax Increase for Mass Transit

Amy Q. Liu, Ph. D.
Kelly Nelson
Valerie Northington
Otis Scott, Ph. D.

California State University, Sacramento

Gas prices have increased a great deal in Sacramento and across California. According to the U.S. Energy Information Administration (See Appendix I and Appendix II for more details), the average price of regular gas in California was $2.668 a gallon in February 2007 and peaked at $3.439 in May. By February 2008, it drifted down to $3.184, but has jumped dramatically since. Now it hovers near $4.00 mark in Sacramento and across California.

How concerned are residents in the Sacramento region about the high price of gas? How many area residents have used alternative modes of travel instead of driving as a result of the sharp increase in gas prices? Would people in the region favor increasing gas taxes to fund public transit?

According to The 2008 Sacramento State Annual Survey of the Region, conducted from February 16 to March 2, 2008, almost everyone in the region (94%) thinks the high price of gas is a problem, with 74 percent claiming it is a big problem. As a result, many residents in the region have made lifestyle changes to cope with increasing fuel prices. Thirty-seven percent report that they and their family members used carpooling, biking, or walking instead of driving at least once between February 2007 to March 2008. Twenty-seven percent indicate that they used vehicles that get better gas mileage. Twelve percent say they changed jobs or moved in order to shorten their commute to work, and 12 percent also report that they used public transit as their main source of transportation.

However, despite deep concerns over the high price of gas, 63 percent of residents say they and their family members didn’t use any of the above alternatives at least once between February 2007 to March 2008: 63 percent didn’t use carpooling, biking or walking, 73 percent didn’t use vehicles that would get better gas mileage, and 88 percent didn’t change their jobs, or move closer to their workplace. Eighty-eight percent didn’t use mass transit as their major mode of transportation, either.

During our interviews from February 16 to March 2, 2008, 55 percent of residents in the region stated they would not vote to raise gas taxes by one cent on the dollar to fund public transportation. This is especially the case for Republicans (70%), and independents and other voters (57%). Those with household incomes of less than $30,000 (62%), those with incomes between $30,000 and $50,000 (59%), and those 40 or younger
(61%) also reject a higher gas tax. Those who don’t think or don’t know whether global warming is a problem (66%) would also refuse to raise the gas tax, as would those who think high gas prices are a big problem (59%).

Like rising fuel prices, concern about global warming has failed to trigger significant shifts in driving behavior. Compared to those who don’t know or don’t think global warming is a problem, those who are deeply concerned with global warming are more likely to have carpooled, walked, or biked (44% vs. 28%) at least once in the past 12 months, to have used public transit (16% vs. 11%) as a predominant mode of transportation, or to vote yes (45% vs. 28%) for a gas tax increase. However, even among those who are deeply concerned about global warming, 56 percent didn’t carpool, walk, or bike at least once in the prior year. Eighty-four percent didn’t use public transit as their major mode of transportation, and 48 percent would not vote for a gas tax increase to support public transit.

Cutting the number of cars on the road is critical to reduce our dependence on foreign oil, global warming, and traffic congestion. Our survey results show that despite the steady increase in gas prices from February 2007 ($2.668) to March 2, 2008 ($3.459, U.S. Energy Information Administration, March 3, 2008), most area residents didn’t use alternatives like public transit, carpooling, biking, or walking, and didn’t use more fuel efficient cars, nor did they change jobs or move closer to their workplace. Thus, changing the driving habits of the majority of area residents will take more than concerns over global warming, traffic congestion, or $3.459 a gallon for regular gas.

When we started our data collection in February, the average price of the regular gas was about $3.20 a gallon in Sacramento and across California. By the time we finished our data collection on March 2, 2008, it was about $3.459 (U.S. Energy Information Administration, March 3, 2008). Now it is around $4.00 a gallon. Such a sharp spike in gas prices may make more area residents change their driving habits. For example, the Sacramento Regional Transit District (RT) has reported a recent increase in the use of mass transit; Overall system ridership has increased by 20.2 percent from April 2007 to April 2008, including a surge of 43.5 percent for light rail.

To encourage sustainable changes in area residents’ driving habits, education efforts regarding the need to use alternative modes of transportation and the need to reduce traffic congestion, air pollution, and global warming must be stepped up. Maintaining such changes will also require a long-term commitment from government to providing financial support to build and maintain an adequate, safe infrastructure and a long-term commitment to creative policies for land use, energy, and public transportation.

What follows are more detailed results for The 2008 Sacramento State Annual Survey of the Region, conducted from February 16 to March 2, 2008, by the Institute for Social Research (ISR), California State University, Sacramento.
High gas prices: The biggest problem in the region

As oil prices have soared to an all time high, gas prices have reached $4.00 a gallon in Sacramento and many other places in California. Fully 94 percent of people in the Sacramento region believe the high price of gas is a problem: 74 percent see it as a big problem, and 20 percent regard it as somewhat of a problem. Residents in the region agree on this issue regardless of the city or county in which they reside or with which political parties they have registered.

Of the 12 major issues facing the Sacramento region, area residents (74%) feel high gas prices are the biggest concern – more problematic than the state budget deficit (71%), the economy (56%), the weak housing market (54%), or traffic congestion (50%). Other troublesome issues for residents in the region include affordable healthcare (43%), carbon dioxide and other air pollution (39%), the quality of public education (38%), affordable housing (36%), the budget deficit in their city or county (31%), crime (31%), and flood control (23%).

Results indicate that high gas prices have more impact on those with less money, non-white residents, and women in the region. Eighty-one percent of those making $30,000 or less and 83 percent of those with household incomes ranging from $30,000 to less than $50,000 regard the high price of gasoline as a big problem. Eighty-one percent of non-white residents and 77 percent of women also express a great deal of concern about this issue.

“"I am going to read you a list of issues in the Sacramento region. For each one, please tell me if you think it is a big problem, somewhat of a problem, or not a problem...”

<table>
<thead>
<tr>
<th>Issue</th>
<th>Big Problem</th>
<th>Somewhat of a Problem</th>
<th>Not a Problem</th>
<th>Don’t Know</th>
</tr>
</thead>
<tbody>
<tr>
<td>High gas price</td>
<td>74%</td>
<td>20%</td>
<td>5%</td>
<td>1%</td>
</tr>
<tr>
<td>State budget deficit</td>
<td>71</td>
<td>20</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>The economy</td>
<td>56</td>
<td>31</td>
<td>11</td>
<td>2</td>
</tr>
<tr>
<td>Weak housing market</td>
<td>54</td>
<td>25</td>
<td>17</td>
<td>4</td>
</tr>
<tr>
<td>Traffic congestion</td>
<td>50</td>
<td>33</td>
<td>16</td>
<td>1</td>
</tr>
<tr>
<td>Affordable healthcare</td>
<td>43</td>
<td>27</td>
<td>27</td>
<td>3</td>
</tr>
<tr>
<td>Carbon dioxide and air pollution</td>
<td>39</td>
<td>34</td>
<td>21</td>
<td>6</td>
</tr>
<tr>
<td>Quality of public education</td>
<td>38</td>
<td>37</td>
<td>18</td>
<td>7</td>
</tr>
<tr>
<td>Affordable housing</td>
<td>36</td>
<td>26</td>
<td>35</td>
<td>3</td>
</tr>
<tr>
<td>Local budget deficit</td>
<td>31</td>
<td>28</td>
<td>17</td>
<td>24</td>
</tr>
<tr>
<td>Crime</td>
<td>31</td>
<td>43</td>
<td>24</td>
<td>2</td>
</tr>
<tr>
<td>Flood control</td>
<td>23</td>
<td>32</td>
<td>40</td>
<td>5</td>
</tr>
</tbody>
</table>
“I am going to read you a list of issues in the Sacramento region. For each one, please tell me if you think it is a big problem, somewhat of a problem, or not a problem. High gas price\(^1\)?”

<table>
<thead>
<tr>
<th>Comparison among People with Different Household Incomes</th>
<th>Less than $30,000</th>
<th>$30,000 to Less than $50,000</th>
<th>$50,000 to Less than $100,000</th>
<th>$100,000 or More</th>
</tr>
</thead>
<tbody>
<tr>
<td>Big problem</td>
<td>81%</td>
<td>83%</td>
<td>75%</td>
<td>60%</td>
</tr>
<tr>
<td>Somewhat problematic</td>
<td>13</td>
<td>15</td>
<td>20</td>
<td>30</td>
</tr>
<tr>
<td>Not a problem</td>
<td>5</td>
<td>2</td>
<td>5</td>
<td>9</td>
</tr>
<tr>
<td>Don’t know</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

\(^1\)This question is modified from *Public Policy Institute of California* statewide surveys. Baldassare, Mark. 2002.

<table>
<thead>
<tr>
<th>Comparison between White and Other Racial Groups</th>
<th>White</th>
<th>Other Racial Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>Big problem</td>
<td>71%</td>
<td>81%</td>
</tr>
<tr>
<td>Somewhat problematic</td>
<td>22</td>
<td>16</td>
</tr>
<tr>
<td>Not a problem</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>Don’t know</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Comparison between Men and Women</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Big problem</td>
<td>70%</td>
<td>77%</td>
</tr>
<tr>
<td>Somewhat problematic</td>
<td>23</td>
<td>18</td>
</tr>
<tr>
<td>Not a problem</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>Don’t know</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

Many area residents have turned to carpooling, walking, or biking

As gas prices rise, many residents are looking for alternative modes of transportation. Thirty-seven percent of Sacramento region residents say they and their family members have used carpooling, walking, or biking instead of driving at least once in the past 12 months; however, sixty-three percent of area residents or their family members have never used any of those three alternatives in the past year.

Residents in Yolo County and their family members are the most likely (56%) to have used ridesharing, walking, or biking in the past 12 months. More than half of those aged 40 or younger (51%) have opted to use carpooling, walking, or biking at least once in the past 12 months instead of driving. More than 40 percent of renters (46%), non-white residents (42%), and those who have lived in the region less than 20 years (41%) have
also turned to these less expensive, gas-saving modes of transportation at least once in the past year.

Concern about traffic congestion has not significantly impacted residents’ apathy regarding carpooling, walking, or biking. However, those who think global warming is a big problem (44%) and those who worry about paying family bills most or all the time (45%) are more likely to have carpooled, walked, or biked at least once in the last 12 months than those who don’t think or don’t know whether global warming is a problem (28%) or those who almost never worry about their family financial situations (31%).

“As a result of the rise in gas prices in the past 12 months, would you say you and your family have – or have not – done each of the following?”
“How about using carpool, walking, or biking ¹?”

Comparison among the Four Counties in the Sacramento Region

<table>
<thead>
<tr>
<th></th>
<th>Sacramento County</th>
<th>Placer County</th>
<th>El Dorado County</th>
<th>Sacramento County</th>
<th>Yolo County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>37%</td>
<td>25%</td>
<td>34%</td>
<td>37%</td>
<td>56%</td>
</tr>
<tr>
<td>No</td>
<td>63</td>
<td>75</td>
<td>66</td>
<td>63</td>
<td>44</td>
</tr>
</tbody>
</table>

¹ This question is modified from Gallop Poll surveys. Gallop Poll, 2008.

Comparison among People of Different Age

<table>
<thead>
<tr>
<th>Age Category</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 years old or less</td>
<td>51%</td>
<td>49</td>
</tr>
<tr>
<td>41 to 64 years of Age</td>
<td>37%</td>
<td>63</td>
</tr>
<tr>
<td>65 years or older</td>
<td>21%</td>
<td>79</td>
</tr>
</tbody>
</table>

Comparison between Renters and Homeowners

<table>
<thead>
<tr>
<th>Group</th>
<th>Renters</th>
<th>Homeowners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>46%</td>
<td>34%</td>
</tr>
<tr>
<td>No</td>
<td>54</td>
<td>66</td>
</tr>
</tbody>
</table>

Comparison between White and Other Racial Groups

<table>
<thead>
<tr>
<th>Race</th>
<th>White</th>
<th>Other Racial Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>34%</td>
<td>42%</td>
</tr>
<tr>
<td>No</td>
<td>66</td>
<td>58</td>
</tr>
</tbody>
</table>

Comparison among People with Different Length of Residence in the Region

<table>
<thead>
<tr>
<th>Residence Duration</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 7 Years</td>
<td>41%</td>
<td>59</td>
</tr>
<tr>
<td>7 to 19 Years</td>
<td>41%</td>
<td>59</td>
</tr>
<tr>
<td>20 Years or More</td>
<td>34%</td>
<td>66</td>
</tr>
</tbody>
</table>
Comparison among People with Different Level of Worry for their Financial Situations

<table>
<thead>
<tr>
<th></th>
<th>All or Most of the Time</th>
<th>Some of the Time</th>
<th>Almost Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>45%</td>
<td>39%</td>
<td>31%</td>
</tr>
<tr>
<td>No</td>
<td>55</td>
<td>61</td>
<td>69</td>
</tr>
</tbody>
</table>

Comparison among People with Different Perception of Global Warming

<table>
<thead>
<tr>
<th></th>
<th>A Big Problem</th>
<th>Somewhat Problematic</th>
<th>Not a Problem/Don’t Know</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>44%</td>
<td>38%</td>
<td>28%</td>
</tr>
<tr>
<td>No</td>
<td>56</td>
<td>62</td>
<td>72</td>
</tr>
</tbody>
</table>

Twenty-seven percent have used more fuel efficient cars

To reduce their gas bills, twenty-seven percent of area residents say they and their family members have replaced their vehicle with one that gets better gas mileage at least once in the past 12 months. This is especially the case for men (31%) and younger residents (31%) in the region. Concerns about traffic congestion and global warming have not had any significant impact on residents’ preference for more fuel efficient vehicles.

“As a result of the rise in gas prices in the past 12 months, would you say you and your family have—or have not—done each of the following?”

“How about replacing your vehicle with one that gets better gas mileage "?

<table>
<thead>
<tr>
<th></th>
<th>Sacramento Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>27%</td>
</tr>
<tr>
<td>No</td>
<td>73</td>
</tr>
</tbody>
</table>

1 This question is modified from Gallop Poll surveys. Gallop Poll, 2008.

Comparison between Men and Women

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>31%</td>
<td>24%</td>
</tr>
<tr>
<td>No</td>
<td>69</td>
<td>76</td>
</tr>
</tbody>
</table>

Comparison among People of Different Ages

<table>
<thead>
<tr>
<th></th>
<th>40 or less</th>
<th>41 to 64</th>
<th>65 or above</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>31%</td>
<td>28%</td>
<td>21%</td>
</tr>
<tr>
<td>No</td>
<td>69</td>
<td>72</td>
<td>79</td>
</tr>
</tbody>
</table>
Over ten percent have changed jobs or moved to shorten commute to work

As a result of high gas prices in the past year, 12 percent of the residents in the Sacramento region claim that they or their family members have changed jobs or moved in order to live closer to their workplace at least once in the past 12 months. This percentage almost doubles for newer residents (23% for those living in the region less than 7 years), younger people (21% of those aged 40 or younger), renters (20%), non-white residents (19%), and those who worry about paying their family bills most or all the time (20%). However, there is no significant relationship between concerns for traffic congestion and global warming and whether residents have changed their jobs or moved to shorten their commute to their workplace.

“As a result of the rise in gas prices in the past 12 months, would you say you and your family have – or have not – done each of the following?”

“How about changing jobs or moving in order to shorten your commute to work 1?”

Sacramento Region as a Whole

<table>
<thead>
<tr>
<th></th>
<th>Sacramento Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>12%</td>
</tr>
<tr>
<td>No</td>
<td>88</td>
</tr>
</tbody>
</table>

1This question is modified from Gallop Poll surveys. Gallop Poll, 2008.

Comparison among People with Different Length of Residence in the Region

<table>
<thead>
<tr>
<th></th>
<th>Less than 7 years</th>
<th>7 to 19 years</th>
<th>20 or more years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>23%</td>
<td>12%</td>
<td>11%</td>
</tr>
<tr>
<td>No</td>
<td>77</td>
<td>88</td>
<td>89</td>
</tr>
</tbody>
</table>

Comparison among People of Different Ages

<table>
<thead>
<tr>
<th></th>
<th>40 or less</th>
<th>41 to 64</th>
<th>65 or above</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>21%</td>
<td>13%</td>
<td>2%</td>
</tr>
<tr>
<td>No</td>
<td>79</td>
<td>87</td>
<td>98</td>
</tr>
</tbody>
</table>

Comparison between Renters and Homeowners

<table>
<thead>
<tr>
<th></th>
<th>Renters</th>
<th>Homeowners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>20%</td>
<td>10%</td>
</tr>
<tr>
<td>No</td>
<td>80</td>
<td>90</td>
</tr>
</tbody>
</table>

Comparison between White and Other Racial Groups

<table>
<thead>
<tr>
<th></th>
<th>White</th>
<th>Other racial Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>9%</td>
<td>19%</td>
</tr>
<tr>
<td>No</td>
<td>91</td>
<td>81</td>
</tr>
</tbody>
</table>
Comparison among People with Different Level of Worry for their Financial Situations

<table>
<thead>
<tr>
<th></th>
<th>All or Most of the Time</th>
<th>Some of the Time</th>
<th>Almost Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>20%</td>
<td>12%</td>
<td>8%</td>
</tr>
<tr>
<td>No</td>
<td>80</td>
<td>88</td>
<td>92</td>
</tr>
</tbody>
</table>

Twelve percent have also used mass transit as a primary alternative

With increasing high gas prices, 12 percent of residents in the region say they and their family members used mass transit, such as bus or rail, as their main source of transportation from February 2007 to March 2008. Eighty-eight percent claim that they didn’t do so.

Residents in Yolo and Sacramento counties (14%) are more likely to use mass transit than people from Placer (5%) and El Dorado (6%) counties. However, residents in the City of Sacramento (20%) appear to be the most likely to use public transit when gas prices are high.

High gas prices are also more likely to force the poor, younger, and non-white residents to use mass transit as their primary mode of transportation instead of driving. One out of four residents (25%) whose family income is less than $30,000 has turned to mass transit as alternative transportation. About 20 percent of renters (23%), non-white residents and their family members (21%), and those who worry about paying their family expenses most or all the time (19%) have also turned to mass transit to relieve the pain of high fuel costs. Seventeen percent of those aged 40 or younger and their family members have also used mass transit in the past 12 months.

Those who think global warming is a big problem (16%) are more likely to have used public transit at least once in the last 12 months, compared to those who don’t think global warming is a problem (11%) or those who almost never worry about their family financial situations (9%). However, regardless of their level of concern for global warming, at least 84 percent of area residents do not use public transit as their main source of public transportation (84% for those who think global warming is a big problem, 91% for those who think global warming is somewhat problematic, and 89% for those who don’t know or don’t think global warming is a problem).
“As a result of the rise in gas prices in the past 12 months, would you say you and your family have or – have not – done each of the following?”

“How about use mass transit, such as bus or rail, as your main source of transportation? ¹”

<table>
<thead>
<tr>
<th></th>
<th>Sacramento Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>12%</td>
</tr>
<tr>
<td>No</td>
<td>88</td>
</tr>
</tbody>
</table>

¹This question is modified from Gallop Poll surveys. Gallop Poll, 2008.

**Comparison among the Four Counties in the Sacramento Region**

<table>
<thead>
<tr>
<th></th>
<th>Placer</th>
<th>El Dorado</th>
<th>Sacramento</th>
<th>Yolo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>5%</td>
<td>6%</td>
<td>14%</td>
<td>14%</td>
</tr>
<tr>
<td>No</td>
<td>95</td>
<td>94</td>
<td>86</td>
<td>86</td>
</tr>
</tbody>
</table>

**Comparison between the City of Sacramento and Other Cities within Sacramento County**

<table>
<thead>
<tr>
<th></th>
<th>City of Sacramento</th>
<th>Other Places in Sacramento County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>20%</td>
<td>9%</td>
</tr>
<tr>
<td>No</td>
<td>80</td>
<td>91</td>
</tr>
</tbody>
</table>

**Comparison among People with Different Household Incomes**

<table>
<thead>
<tr>
<th></th>
<th>Less than $30,000</th>
<th>$30,000 to Less than $50,000</th>
<th>$50,000 to Less than $100,000</th>
<th>$100,000 or More</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>25%</td>
<td>15%</td>
<td>8%</td>
<td>6%</td>
</tr>
<tr>
<td>No</td>
<td>75</td>
<td>85</td>
<td>92</td>
<td>94</td>
</tr>
</tbody>
</table>

**Comparison between Renters and Homeowners**

<table>
<thead>
<tr>
<th></th>
<th>Renters</th>
<th>Homeowners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>23%</td>
<td>8%</td>
</tr>
<tr>
<td>No</td>
<td>77</td>
<td>92</td>
</tr>
</tbody>
</table>

**Comparison between White and Other Racial Groups**

<table>
<thead>
<tr>
<th></th>
<th>White</th>
<th>Other racial groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>8%</td>
<td>21%</td>
</tr>
<tr>
<td>No</td>
<td>92</td>
<td>79</td>
</tr>
</tbody>
</table>

**Comparison among People of Different Ages**

<table>
<thead>
<tr>
<th></th>
<th>40 years old or less</th>
<th>40 to 64 years old</th>
<th>65 years old or above</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>17%</td>
<td>11%</td>
<td>6%</td>
</tr>
<tr>
<td>No</td>
<td>83</td>
<td>89</td>
<td>94</td>
</tr>
</tbody>
</table>
Comparison among People with Different Level of Worry for their Financial Situations

<table>
<thead>
<tr>
<th></th>
<th>All or Most of the Time</th>
<th>Some of the Time</th>
<th>Almost Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>19%</td>
<td>11%</td>
<td>9%</td>
</tr>
<tr>
<td>No</td>
<td>81</td>
<td>89</td>
<td>91</td>
</tr>
</tbody>
</table>

Comparison among People with Different Perception of Global Warming

<table>
<thead>
<tr>
<th></th>
<th>A Big Problem</th>
<th>Somewhat Problematic</th>
<th>Not a Problem/Don’t Know</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>16%</td>
<td>9%</td>
<td>11%</td>
</tr>
<tr>
<td>No</td>
<td>84</td>
<td>91</td>
<td>89</td>
</tr>
</tbody>
</table>

Majority unwilling to pay higher gas taxes to fund public transportation

With gas prices on the rise, more people started to use public transit as their major mode of transportation. However, when asked whether they are willing to increase state gas taxes by one cent on the dollar to pay for mass transit, only 38 percent of residents in the region would vote yes, and 55 percent would vote no. Four percent say they don’t know and three percent claim their vote depends on other factors.

There is different opinion regarding gas tax increase in the region and among different political parties. More than half of the residents in Yolo County (52%) support a gas tax increase. In sharp contrast, less than 30 percent of residents in El Dorado County (29%) would endorse an additional levy. More than half of Democrats (51%) would approve, whereas 70 percent of Republicans and 57 percent of independents and other voters would reject a proposed increase.

Worry about traffic congestion has not created any significant impact on opinions regarding support for gas tax increase. However, those who think global warming is a big problem are more likely to vote to increase gas taxes (45%) than those who don’t think it is a problem (28%). In fact, those who are deeply concerned about global warming are divided; 45 percent would vote yes and 48 percent would vote no. However, 66 percent of those who don’t think or don’t know whether global warming is a problem would not vote to increase gas taxes.

High gas prices have generated a significant increase in sales tax revenue to the state, but they also impose substantial financial hardship on many residents in the region. It is not surprising that those who think high gas prices are a big problem (59%) and those who have difficulty paying family expenses most or all the time (60%) are more likely to vote no for the tax increases.

Several socioeconomic factors also affect opinions regarding support for gas tax increase. More than half of those with a college degree (51%) would vote yes. However, only
about 30 percent of those with some college (31%) or with high school or less education (30%) would want to increase the gas tax to fund public transit. Those making less than $30,000 a year, and those aged 40 or younger are also less likely to support the gas tax increase.

“If an election were held today, would you vote yes or no to raise the state gas tax by one cent on the dollar to fund public transportation?”

<table>
<thead>
<tr>
<th>Sacramento Region</th>
<th>Yes</th>
<th>No</th>
<th>Don’t know</th>
<th>It depends</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>38%</td>
<td>55</td>
<td>4</td>
<td>3</td>
</tr>
</tbody>
</table>

**Comparison among the Four Counties in the Sacramento Region**

<table>
<thead>
<tr>
<th></th>
<th>Placer</th>
<th>El Dorado</th>
<th>Sacramento</th>
<th>Yolo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>38%</td>
<td>29%</td>
<td>38%</td>
<td>52%</td>
</tr>
<tr>
<td>No</td>
<td>57</td>
<td>66</td>
<td>55</td>
<td>44</td>
</tr>
<tr>
<td>Don’t know</td>
<td>3</td>
<td>2</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>It depends</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

**Comparison among Registered Voters**

<table>
<thead>
<tr>
<th></th>
<th>Democrats</th>
<th>Republicans</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>51%</td>
<td>27%</td>
<td>40%</td>
</tr>
<tr>
<td>No</td>
<td>42</td>
<td>70</td>
<td>57</td>
</tr>
<tr>
<td>Don’t know</td>
<td>4</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>It depends</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

**Comparison among People with Different Perceptions of Global Warming**

<table>
<thead>
<tr>
<th></th>
<th>A Big Problem</th>
<th>Somewhat Problematic</th>
<th>Not a Problem/ Don’t Know</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>45%</td>
<td>40%</td>
<td>28%</td>
</tr>
<tr>
<td>No</td>
<td>48</td>
<td>55</td>
<td>66</td>
</tr>
<tr>
<td>Don’t know</td>
<td>4</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>It depends</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>
### Comparison among People with Different Perceptions of High Gas Prices

<table>
<thead>
<tr>
<th></th>
<th>A Big Problem</th>
<th>Somewhat Problematic</th>
<th>Not a Problem/ Don’t Know</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>34%</td>
<td>50%</td>
<td>54%</td>
</tr>
<tr>
<td>No</td>
<td>59</td>
<td>47</td>
<td>41</td>
</tr>
<tr>
<td>Don’t know</td>
<td>5</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>It depends</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
</tbody>
</table>

### Comparison among People with Different Level of Worry for their Financial Situations

<table>
<thead>
<tr>
<th></th>
<th>All or Most of the Time</th>
<th>Some of the Time</th>
<th>Almost Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>32%</td>
<td>43%</td>
<td>40%</td>
</tr>
<tr>
<td>No</td>
<td>60</td>
<td>51</td>
<td>55</td>
</tr>
<tr>
<td>Don’t know</td>
<td>6</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>It depends</td>
<td>2</td>
<td>3</td>
<td>2</td>
</tr>
</tbody>
</table>

### Comparison among People with Different Levels of Education

<table>
<thead>
<tr>
<th></th>
<th>High School or Less</th>
<th>Some College</th>
<th>College Degree or More</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>30%</td>
<td>31%</td>
<td>51%</td>
</tr>
<tr>
<td>No</td>
<td>62%</td>
<td>64%</td>
<td>45%</td>
</tr>
<tr>
<td>Don’t know</td>
<td>6%</td>
<td>3%</td>
<td>2%</td>
</tr>
<tr>
<td>It depends</td>
<td>2%</td>
<td>2%</td>
<td>2%</td>
</tr>
</tbody>
</table>

### Comparison among People with Different Household Incomes

<table>
<thead>
<tr>
<th></th>
<th>Less than $30,000</th>
<th>$30,000 to Less than $50,000</th>
<th>$50,000 to Less than $100,000</th>
<th>$100,000 or More</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>31%</td>
<td>36%</td>
<td>43%</td>
<td>45%</td>
</tr>
<tr>
<td>No</td>
<td>62%</td>
<td>59%</td>
<td>53%</td>
<td>52%</td>
</tr>
<tr>
<td>Don’t know</td>
<td>5%</td>
<td>3%</td>
<td>1%</td>
<td>2%</td>
</tr>
<tr>
<td>It depends</td>
<td>2%</td>
<td>2%</td>
<td>3%</td>
<td>1%</td>
</tr>
</tbody>
</table>

### Comparison among People of Different Ages

<table>
<thead>
<tr>
<th></th>
<th>40 or Younger</th>
<th>41 to 64</th>
<th>65 and Older</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>33%</td>
<td>41%</td>
<td>43%</td>
</tr>
<tr>
<td>No</td>
<td>61%</td>
<td>55%</td>
<td>50%</td>
</tr>
<tr>
<td>Don’t know</td>
<td>3%</td>
<td>2%</td>
<td>4%</td>
</tr>
<tr>
<td>It depends</td>
<td>3%</td>
<td>2%</td>
<td>3%</td>
</tr>
</tbody>
</table>
Survey methods

The above results are based on part of our seventh annual survey, *The 2008 Sacramento State Annual Survey of the Region*. This project is a computer-assisted telephone interview of 1,200 adult residents age 18 and older from randomly selected households in the Sacramento region, which includes Sacramento, Yolo, Placer, and El Dorado counties. The objective of this project is to assess the perception of the quality of life and public opinion in the Sacramento region on a wide range of important local and national issues.

More than 40 students conducted phone interviews in English and Spanish from February 16 to March 2, 2008, at the Institute for Social Research, California State University, Sacramento. The sample is quite representative of the four counties in the Sacramento region when compared with the 2000 U.S. Census (9% in the Census vs. 10% in the sample in Yolo County; 9% in the Census vs. 9% in the sample in El Dorado County, 14% in the Census vs. 16% in the sample in Placer County, and 68% residents in the Census vs. 65% in the sample in Sacramento County). The small differences may reflect the changes in the population of the region. The margin of error for the survey in the region is approximately ± 3 percentage points at the 95 percent confidence level. The error for the group comparison would be higher than ± 3 percentage points at the 95 percent confidence level.

This survey has compared the Sacramento regional findings with those from other California regions, as well as those from the state and the nation. Data cited regarding the state and other California regions often comes from the Public Policy Institute of California (PPIC) Statewide Surveys. Nationwide data often comes from Gallup polls.

The College of Social Sciences and Interdisciplinary Studies (SSIS), the Department of Sociology, the Office of Public Affairs, and the Community Engagement Center at California State University, Sacramento, sponsored this project.

This research is directed by Amy Liu, Ph.D., Department of Sociology and Institute for Social Research, California State University, Sacramento. Dr. Liu is an expert in public opinion polls, and has conducted over 20 surveys in the past ten years, including:

- Survey of Iowa Business about Eldercare and Eldercare Needs
- Story County Conservation Board Survey
- Grundy County Youth Needs Assessment

Direct all correspondence to Dr. Amy Q. Liu, Department of Sociology, California State University, Sacramento, 6000 J Street, Sacramento, CA 95819-6005; 916-278-7572 (phone); 916-278-6281 (fax); amylius@yahoo.com. Please visit our web site (http://www.csus.edu/ssis/annual_survey.htm) for reports for 2007 and for the executive summaries and full reports for the 2006, 2005, 2004, 2003, and 2002 annual surveys in the Sacramento region.
References


### Appendix I. California Regular All Formulations

**Monthly Retail Gasoline Prices (Cents per Gallon)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>163.0</td>
<td>162.2</td>
<td>171.0</td>
<td>167.6</td>
<td>182.6</td>
<td>181.2</td>
<td>176.6</td>
<td>167.9</td>
</tr>
<tr>
<td>2001</td>
<td>160.1</td>
<td>163.7</td>
<td>169.3</td>
<td>179.3</td>
<td><strong>194.8</strong></td>
<td>192.7</td>
<td>177.0</td>
<td>155.9</td>
<td>166.3</td>
<td>154.6</td>
<td>135.7</td>
<td>115.8</td>
</tr>
<tr>
<td>2002</td>
<td>118.5</td>
<td>127.4</td>
<td>146.1</td>
<td></td>
<td>161.0</td>
<td>156.8</td>
<td>158.6</td>
<td>160.1</td>
<td>158.8</td>
<td>157.9</td>
<td>153.1</td>
<td>157.8</td>
</tr>
<tr>
<td>2003</td>
<td>161.3</td>
<td>180.5</td>
<td>210.3</td>
<td></td>
<td>204.5</td>
<td>184.2</td>
<td>176.4</td>
<td>174.4</td>
<td>186.7</td>
<td>202.2</td>
<td>179.1</td>
<td>169.2</td>
</tr>
<tr>
<td>2004</td>
<td>167.5</td>
<td>186.8</td>
<td>209.6</td>
<td>213.9</td>
<td>225.2</td>
<td>227.5</td>
<td>218.6</td>
<td>208.5</td>
<td>206.9</td>
<td>233.0</td>
<td>230.4</td>
<td>209.7</td>
</tr>
<tr>
<td>2005</td>
<td>196.8</td>
<td>211.8</td>
<td>230.1</td>
<td>255.1</td>
<td>247.5</td>
<td>236.4</td>
<td>251.5</td>
<td>267.7</td>
<td><strong>399.0</strong></td>
<td>288.3</td>
<td>252.7</td>
<td>227.4</td>
</tr>
<tr>
<td>2006</td>
<td>237.9</td>
<td>249.5</td>
<td>257.9</td>
<td>288.0</td>
<td>329.1</td>
<td>321.4</td>
<td>321.4</td>
<td>316.6</td>
<td>289.2</td>
<td>254.8</td>
<td>246.2</td>
<td>254.2</td>
</tr>
<tr>
<td>2007</td>
<td>257.1</td>
<td>266.8</td>
<td>306.0</td>
<td>329.2</td>
<td><strong>343.9</strong></td>
<td>328.1</td>
<td>312.6</td>
<td>289.9</td>
<td>287.4</td>
<td>306.5</td>
<td>334.8</td>
<td>330.7</td>
</tr>
<tr>
<td>2008</td>
<td>324.8</td>
<td>318.4</td>
<td><strong>356.2</strong></td>
<td>179.9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Updated on 5/12/2008
Source: U.S. Energy Information Administration

[http://tonto.eia.doe.gov/dnav/pet/hist/mg_rt_caM.htm](http://tonto.eia.doe.gov/dnav/pet/hist/mg_rt_caM.htm)
Retrieved on May 14, 2008
Appendix II. California Regular All Formulations
Weekly Retail Gasoline Prices (Cents per Gallon)

<table>
<thead>
<tr>
<th>Year-Month</th>
<th>Week 1</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>End Date</td>
<td>Value</td>
<td>End Date</td>
<td>Value</td>
<td>End Date</td>
</tr>
<tr>
<td>2000-May</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000-Jun</td>
<td>06/05</td>
<td>161.3</td>
<td>06/12</td>
<td>161.4</td>
<td>06/19</td>
</tr>
<tr>
<td>2000-Jul</td>
<td>07/03</td>
<td>171.0</td>
<td>07/10</td>
<td>172.9</td>
<td>07/17</td>
</tr>
<tr>
<td>2000-Aug</td>
<td>08/07</td>
<td>166.6</td>
<td>08/14</td>
<td>166.8</td>
<td>08/21</td>
</tr>
<tr>
<td>2000-Sep</td>
<td>09/04</td>
<td>179.0</td>
<td>09/11</td>
<td>184.9</td>
<td>09/18</td>
</tr>
<tr>
<td>2000-Oct</td>
<td>10/02</td>
<td>183.2</td>
<td>10/09</td>
<td>182.6</td>
<td>10/16</td>
</tr>
<tr>
<td>2000-Nov</td>
<td>11/06</td>
<td>179.1</td>
<td>11/13</td>
<td>177.7</td>
<td>11/20</td>
</tr>
<tr>
<td>2000-Dec</td>
<td>12/04</td>
<td>172.1</td>
<td>12/11</td>
<td>168.8</td>
<td>12/18</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year-Month</th>
<th>Week 1</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>End Date</td>
<td>Value</td>
<td>End Date</td>
<td>Value</td>
<td>End Date</td>
</tr>
<tr>
<td>2001-Jan</td>
<td>01/01</td>
<td>162.9</td>
<td>01/08</td>
<td>162.7</td>
<td>01/15</td>
</tr>
<tr>
<td>2001-Feb</td>
<td>02/05</td>
<td>159.0</td>
<td>02/12</td>
<td>163.7</td>
<td>02/19</td>
</tr>
<tr>
<td>2001-Mar</td>
<td>03/05</td>
<td>169.4</td>
<td>03/12</td>
<td>170.0</td>
<td>03/19</td>
</tr>
<tr>
<td>2001-Apr</td>
<td>04/02</td>
<td>171.6</td>
<td>04/09</td>
<td>175.4</td>
<td>04/16</td>
</tr>
<tr>
<td>2001-May</td>
<td>05/07</td>
<td>193.8</td>
<td>05/14</td>
<td>195.4</td>
<td>05/21</td>
</tr>
<tr>
<td>2001-Jun</td>
<td>06/04</td>
<td>193.1</td>
<td>06/11</td>
<td>194.6</td>
<td>06/18</td>
</tr>
<tr>
<td>2001-Jul</td>
<td>07/02</td>
<td>185.9</td>
<td>07/09</td>
<td>182.4</td>
<td>07/16</td>
</tr>
<tr>
<td>2001-Aug</td>
<td>08/06</td>
<td>161.6</td>
<td>08/13</td>
<td>156.0</td>
<td>08/20</td>
</tr>
<tr>
<td>2001-Sep</td>
<td>09/03</td>
<td>164.3</td>
<td>09/10</td>
<td>167.7</td>
<td>09/17</td>
</tr>
<tr>
<td>2001-Oct</td>
<td>10/01</td>
<td>162.4</td>
<td>10/08</td>
<td>158.2</td>
<td>10/15</td>
</tr>
<tr>
<td>2001-Nov</td>
<td>11/05</td>
<td>142.2</td>
<td>11/12</td>
<td>137.9</td>
<td>11/19</td>
</tr>
<tr>
<td>2001-Dec</td>
<td>12/03</td>
<td>124.3</td>
<td>12/10</td>
<td>119.7</td>
<td>12/17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year-Month</th>
<th>Week 1</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>End Date</td>
<td>Value</td>
<td>End Date</td>
<td>Value</td>
<td>End Date</td>
</tr>
<tr>
<td>2002-Jan</td>
<td>01/07</td>
<td>112.9</td>
<td>01/14</td>
<td>118.2</td>
<td>01/21</td>
</tr>
<tr>
<td>2002-Feb</td>
<td>02/04</td>
<td>125.1</td>
<td>02/11</td>
<td>125.4</td>
<td>02/18</td>
</tr>
<tr>
<td>2002-Mar</td>
<td>03/04</td>
<td>133.1</td>
<td>03/11</td>
<td>145.4</td>
<td>03/18</td>
</tr>
<tr>
<td>2002-Apr</td>
<td>04/01</td>
<td>159.2</td>
<td>04/08</td>
<td>162.2</td>
<td>04/15</td>
</tr>
<tr>
<td>2002-May</td>
<td>05/06</td>
<td>158.9</td>
<td>05/13</td>
<td>157.1</td>
<td>05/20</td>
</tr>
<tr>
<td>2002-Jun</td>
<td>06/03</td>
<td>156.3</td>
<td>06/10</td>
<td>156.3</td>
<td>06/17</td>
</tr>
<tr>
<td>2002-Jul</td>
<td>07/01</td>
<td>161.8</td>
<td>07/08</td>
<td>161.3</td>
<td>07/15</td>
</tr>
<tr>
<td>2002-Aug</td>
<td>08/05</td>
<td>159.3</td>
<td>08/12</td>
<td>158.6</td>
<td>08/19</td>
</tr>
<tr>
<td>2002-Sep</td>
<td>09/02</td>
<td>159.9</td>
<td>09/09</td>
<td>159.0</td>
<td>09/16</td>
</tr>
<tr>
<td>2002-Oct</td>
<td>10/07</td>
<td>154.6</td>
<td>10/14</td>
<td>153.4</td>
<td>10/21</td>
</tr>
<tr>
<td>2002-Nov</td>
<td>11/04</td>
<td>156.2</td>
<td>11/11</td>
<td>159.2</td>
<td>11/18</td>
</tr>
<tr>
<td>2002-Dec</td>
<td>12/02</td>
<td>156.2</td>
<td>12/09</td>
<td>154.0</td>
<td>12/16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year-Month</th>
<th>Week 1</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>End Date</td>
<td>Value</td>
<td>End Date</td>
<td>Value</td>
<td>End Date</td>
</tr>
<tr>
<td>2003-Jan</td>
<td>01/06</td>
<td>157.7</td>
<td>01/13</td>
<td>159.2</td>
<td>01/20</td>
</tr>
<tr>
<td>2003-Feb</td>
<td>02/03</td>
<td>168.3</td>
<td>02/10</td>
<td>175.2</td>
<td>02/17</td>
</tr>
<tr>
<td>2003-Mar</td>
<td>03/03</td>
<td>201.2</td>
<td>03/10</td>
<td>208.4</td>
<td>03/17</td>
</tr>
<tr>
<td>2003-Apr</td>
<td>04/07</td>
<td>211.5</td>
<td>04/14</td>
<td>207.7</td>
<td>04/21</td>
</tr>
<tr>
<td>2003-May</td>
<td>05/05</td>
<td>192.8</td>
<td>05/12</td>
<td>186.7</td>
<td>05/19</td>
</tr>
<tr>
<td>2003-Jun</td>
<td>06/02</td>
<td>173.2</td>
<td>06/09</td>
<td>169.6</td>
<td>06/16</td>
</tr>
<tr>
<td>2003-Jul</td>
<td>07/07</td>
<td>178.5</td>
<td>07/14</td>
<td>175.7</td>
<td>07/21</td>
</tr>
<tr>
<td>2003-Aug</td>
<td>08/04</td>
<td>170.3</td>
<td>08/11</td>
<td>174.3</td>
<td>08/18</td>
</tr>
<tr>
<td>2003-Sep</td>
<td>09/01</td>
<td>210.0</td>
<td>09/08</td>
<td>208.5</td>
<td>09/15</td>
</tr>
<tr>
<td>2003-Oct</td>
<td>10/06</td>
<td>185.4</td>
<td>10/13</td>
<td>180.5</td>
<td>10/20</td>
</tr>
<tr>
<td>2003-Nov</td>
<td>11/03</td>
<td>171.1</td>
<td>11/10</td>
<td>168.5</td>
<td>11/17</td>
</tr>
<tr>
<td>2003-Dec</td>
<td>12/01</td>
<td>168.0</td>
<td>12/08</td>
<td>165.2</td>
<td>12/15</td>
</tr>
<tr>
<td>Year</td>
<td>Month</td>
<td>Value</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>--------</td>
<td>---------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2004</td>
<td>Jan</td>
<td>01/05 161.7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Feb</td>
<td>02/02 175.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mar</td>
<td>03/01 210.9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Apr</td>
<td>04/05 212.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>May</td>
<td>05/03 211.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jun</td>
<td>06/07 231.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jul</td>
<td>07/05 220.4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aug</td>
<td>08/02 212.8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sep</td>
<td>09/06 207.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oct</td>
<td>10/04 219.8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nov</td>
<td>11/01 236.9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dec</td>
<td>12/06 219.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td>Jan</td>
<td>01/03 198.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Feb</td>
<td>02/07 205.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mar</td>
<td>03/07 222.9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Apr</td>
<td>04/04 246.4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>May</td>
<td>05/02 256.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jun</td>
<td>06/06 236.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jul</td>
<td>07/04 245.7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aug</td>
<td>08/01 254.9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sep</td>
<td>09/05 305.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oct</td>
<td>10/03 297.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nov</td>
<td>11/07 265.9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dec</td>
<td>12/05 233.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2006</td>
<td>Jan</td>
<td>01/02 221.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Feb</td>
<td>02/06 254.4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mar</td>
<td>03/06 248.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Apr</td>
<td>04/03 274.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>May</td>
<td>05/01 320.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jun</td>
<td>06/05 326.9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jul</td>
<td>07/03 318.9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aug</td>
<td>08/07 319.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sep</td>
<td>09/04 301.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oct</td>
<td>10/02 268.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nov</td>
<td>11/06 239.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dec</td>
<td>12/04 249.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2007</td>
<td>Jan</td>
<td>01/01 261.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Feb</td>
<td>02/05 253.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mar</td>
<td>03/05 289.7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Apr</td>
<td>04/02 322.8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>May</td>
<td>05/07 346.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jun</td>
<td>06/04 337.4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jul</td>
<td>07/02 315.7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aug</td>
<td>08/06 301.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sep</td>
<td>09/03 279.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oct</td>
<td>10/01 297.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nov</td>
<td>11/05 323.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dec</td>
<td>12/03 336.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td>Jan</td>
<td>01/07 332.8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Feb</td>
<td>02/04 310.7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mar</td>
<td>03/03 345.9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Apr</td>
<td>04/07 368.5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2008-May  05/05  390.3  05/12  391.9

Updated on 5/12/2008
Source: U.S. Energy Information Administration

http://tonto.eia.doe.gov/dnav/pet/hist/mg_rt_caw.htm
Retrieved on May 14, 2008
Appendix III: The 2008 Annual Survey Research Team Members and Sponsors

Director: Amy Q. Liu, Ph. D.
Professor, Department of Sociology
California State University, Sacramento
6000 J. Street, Sacramento, CA 95819-6005
916-278-7572 (phone),
916-278-6281 (fax)
amyliuus@yahoo.com (e-mail)

Advisor: Otis Scott, Ph. D.
Dean, College of Social Science and Interdisciplinary Studies
California State University, Sacramento
916-278-6504 (phone),
scottol@csus.edu (email)

Data Collection Supervisors: Jessica Hayes, Michelle Butte, Rachael Ekins,
Tatyana Yakshina, Patty Crosby, Sandra Sutherland,
Dr. Ernest Cowles
Institute for Social Research
California State University, Sacramento

Editors: Silke Schulz and Michael Small
California State University, Sacramento

Graphic Designer: California State University, Sacramento

Team Members: Nick Allen, Salvador E Aceves, Michael Aguilera, Dr. Manuel
Barajas, Brett Baker, Joe Cook, Alisha M Cowan, Cathy
Fukushima, Alejandro F Gonzalez, Khaliah Ingram, Elena
Hernandez, Jennifer Hunt, Carmen Johnson, Monica Kelton,
Melanie S Lim, Pang Moua, Joseph Maestas, Victor Mejia,
Sonya Mogliner, Noli Mora, Summer Martin, Blessing
Nnoruka, Kelly Nelson, Tosha Nichols, Valerie Northington,
Leslye Oseguera, Justin Owens, Diana Christine Paone,
Tanisha M Pemberton, Andrea Nemeyer, Yolanda Ramirez,
Esperanza Ruiz, Nacole Smith, Silke Schulz, Mishaela Van
Valkenburgh, Olga Valdes, Dominic Vogl, and Craig
Zimmerman

Sponsors: College of Social Science and Interdisciplinary Studies
Department of Sociology
Office of Public Affairs
Community Engagement Center
California State University, Sacramento