State of California Confirms Kettleman City at Risk from Pollution

For decades residents have voiced concern about pollution. California finally confirms Kettleman as one of the communities most vulnerable to pollution in the state.

What is CalEnviroScreen 3.0?
CalEnviroScreen 3.0 is a tool made by California Environmental Protection Agency to help identify communities most affected by pollution.

CalEnviroScreen uses the cumulative impact theory to compare pollution levels in communities across California.

What are Cumulative Impacts?
Cumulative impacts are the combination of different factors that when added together, result in a higher impact.

Example: Pollution + asthma + poverty = cumulative impacts!
1+1+1+1+1 = too much!

CalEnviroScreen measures these indicators through these four main groups:

- Exposures: Contact with pollution
- Environmental Effects: Adverse environmental conditions caused by pollutants
- Sensitive Populations: Populations with biological traits (including health status) that may magnify the effects of pollutant
- Socioeconomic Factors: Community characteristics that result in increased vulnerability to pollutants.

The CalEnviroScreen results are the pollution burden times the population characteristics.
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What does this mean for Kettleman City?

A community with a high percentage is experiencing a higher pollution burden and vulnerability than a community with a lower percentage in California.

Kettleman City rates in the 90% percentile on CalEnviroScreen.

*This means that Kettleman City has a higher pollution burden than 90% of California.*

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CalEnviroScreen results for Kettleman City:

For Environmental, Health factors, or Population Characteristics, the higher the %, the more the factor affects the community.

<table>
<thead>
<tr>
<th>Environmental Factors</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pesticides</td>
<td>92%</td>
</tr>
<tr>
<td>Drinking Water Threats</td>
<td>74%</td>
</tr>
<tr>
<td>Solid Waste</td>
<td>85%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Health Factors</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asthma</td>
<td>73%</td>
</tr>
<tr>
<td>Low Birth Weight</td>
<td>74%</td>
</tr>
<tr>
<td>Cardiovascular</td>
<td>83%</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Population Characteristics</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poverty</td>
<td>86%</td>
</tr>
<tr>
<td>Unemployment</td>
<td>74%</td>
</tr>
<tr>
<td>Lack of Formal Education</td>
<td>93%</td>
</tr>
</tbody>
</table>

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Contact Greenaction for Health and Environmental Justice for more information:
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greenaction@greenaction.org

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How to learn more and access the tool:
Website: http://oehha.ca.gov/calenviroscreen
Email: CalEnviroScreen@oehha.ca.gov
The CalEnviroScreen 3.0 report (in English and Spanish), maps and additional data: