This study uses a "bottom-up" approach, focusing on specific population groups such as those living in crowded urban housing complexes and portside communities. Even greater total benefits can be seen when taking into account comparable communities outside of these specific markets and locations.

Biodiesel (B100) provides immediate community health improvements that can be measured in reduced medical costs and healthcare burdens:

- Up to 44% reduced cancer risks and burdens
- Up to 86% reduced asthma attacks (lesser symptoms)
- $2.7 BILLION savings per year
- $11.8 MILLION savings per year
- 1,082 fewer cases
- 310 avoided premature deaths (longer lives)
- 203,000 fewer restricted-activity days (more exercise)
- $17.1 MILLION savings per year
- $7.6 MILLION savings per year
- 17 fewer restricted-activity days (greater productivity)
- 28 fewer asthma attacks (lesser symptoms)
- 21,000 fewer sick days (greater productivity)
- 42,000 fewer asthma attacks (lesser symptoms)
- $624,000 savings per year

Biodiesel is a Clean Air Choice alternative fuel recognized by the American Lung Association.

**HOW THIS WORKS...**

B100 can achieve these benefits by reducing pollution from markets that are hardest to decarbonize: heavy-duty transportation and residential heating.

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