

## **BIODIESEL'S HEALTH BENEFITS**

Improving Public Health / Reducing Medical Costs



Biodiesel (B100) provides immediate community health improvements that can be measured in reduced medical costs and health care burdens as shown in a two part study completed for Clean Fuels Alliance America by Trinity Consultants.







reduced cancer risks and burdens

9,400

fewer cases







savings per year

890

Avoided premature deaths (longer lives)







savings per year

436,000

Fewer asthma attacks (lesser symptoms)

20,000







savings per year

800,000 : 28,000

Fewer restrictedactivity days (more exercise)







savings per year

138,000 : 4,800

Fewer sick days (greater productivity)







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







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.

**ABOUT BIODIESEL** AND RENEWABLE DIESEL



Made from plant-based oils, used cooking oils, and animal fats



Clean-burning



Can be used in any diesel engine without modification



Commercially available nationwide



trucking, emergency vehicles, bus fleets, and farm equipment