

Appendix C

Graphic Presentation of Changes in Per-Mile Fuel-Cycle Energy Use and Emissions by Use of Alternative-Transportation Fuels and Advanced Vehicle Technologies: Light-Duty Trucks 1 and Light-Duty Trucks 2

This appendix graphically shows changes in fuel-cycle energy use and emissions by transportation fuels and advanced vehicle technologies relative to baseline gasoline vehicles. Changes for passenger cars are presented and discussed in Volume 1 of this report. This appendix presents charts for LDT1 and LDT2. The charts are in the following order: near-term LDT1, near-term LDT2, long-term LDT1, and long-term LDT2.

Acronyms, initialisms, and abbreviations are defined on pages xv–xviii of Volume 1.



1 Near-Term Technologies

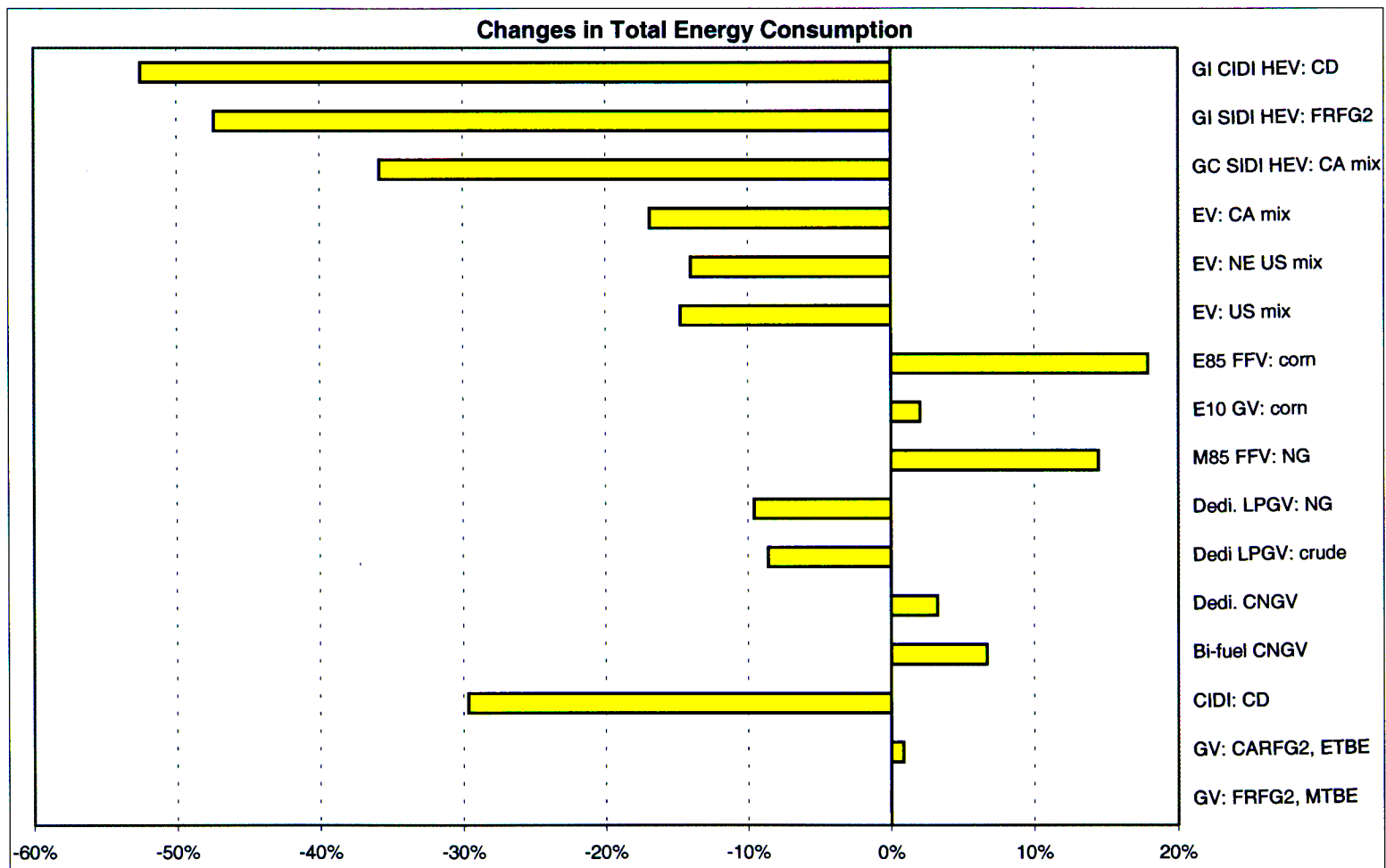


Figure C-1.1 Changes in Fuel-Cycle Total Energy Consumption Relative to GVs Fueled with CG, Light-Duty Trucks 1: Near-Term Technologies



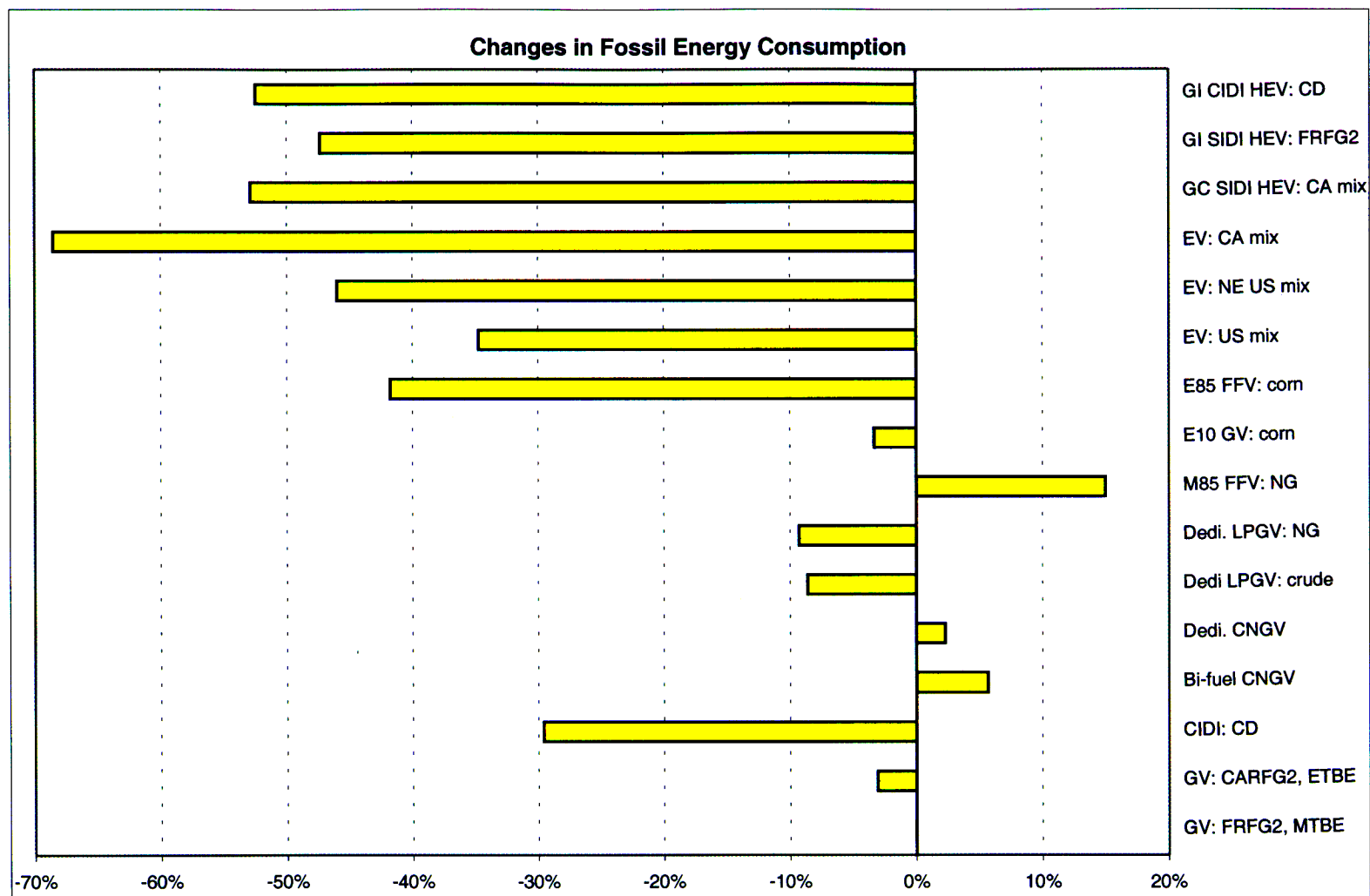


Figure C-1.2 Changes in Fuel-Cycle Fossil Energy Consumption Relative to GVs Fueled with CG, Light-Duty Trucks 1: Near-Term Technologies



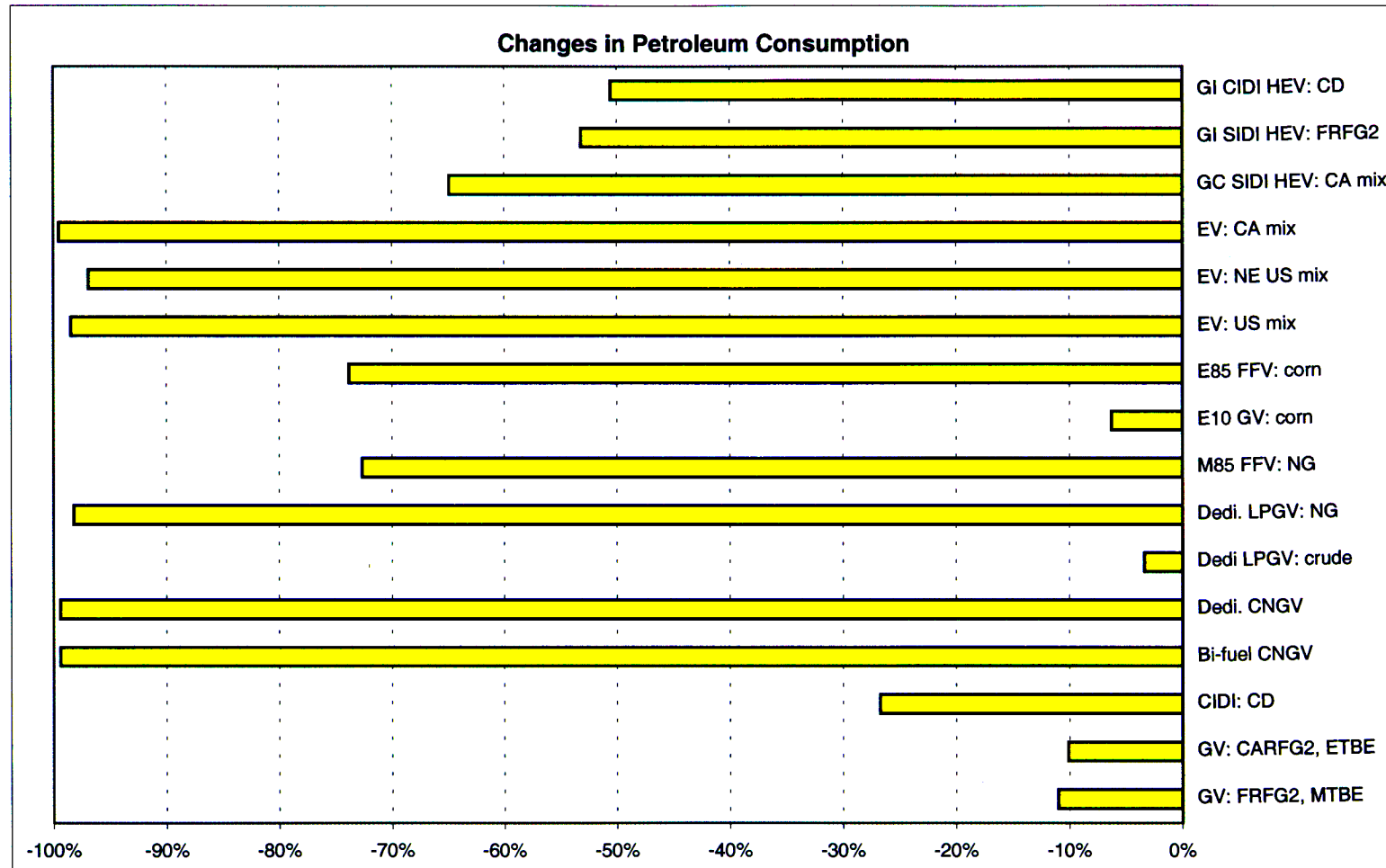


Figure C-1.3 Changes in Fuel-Cycle Petroleum Consumption Relative to GVs Fueled with CG, Light-Duty Trucks 1: Near-Term Technologies



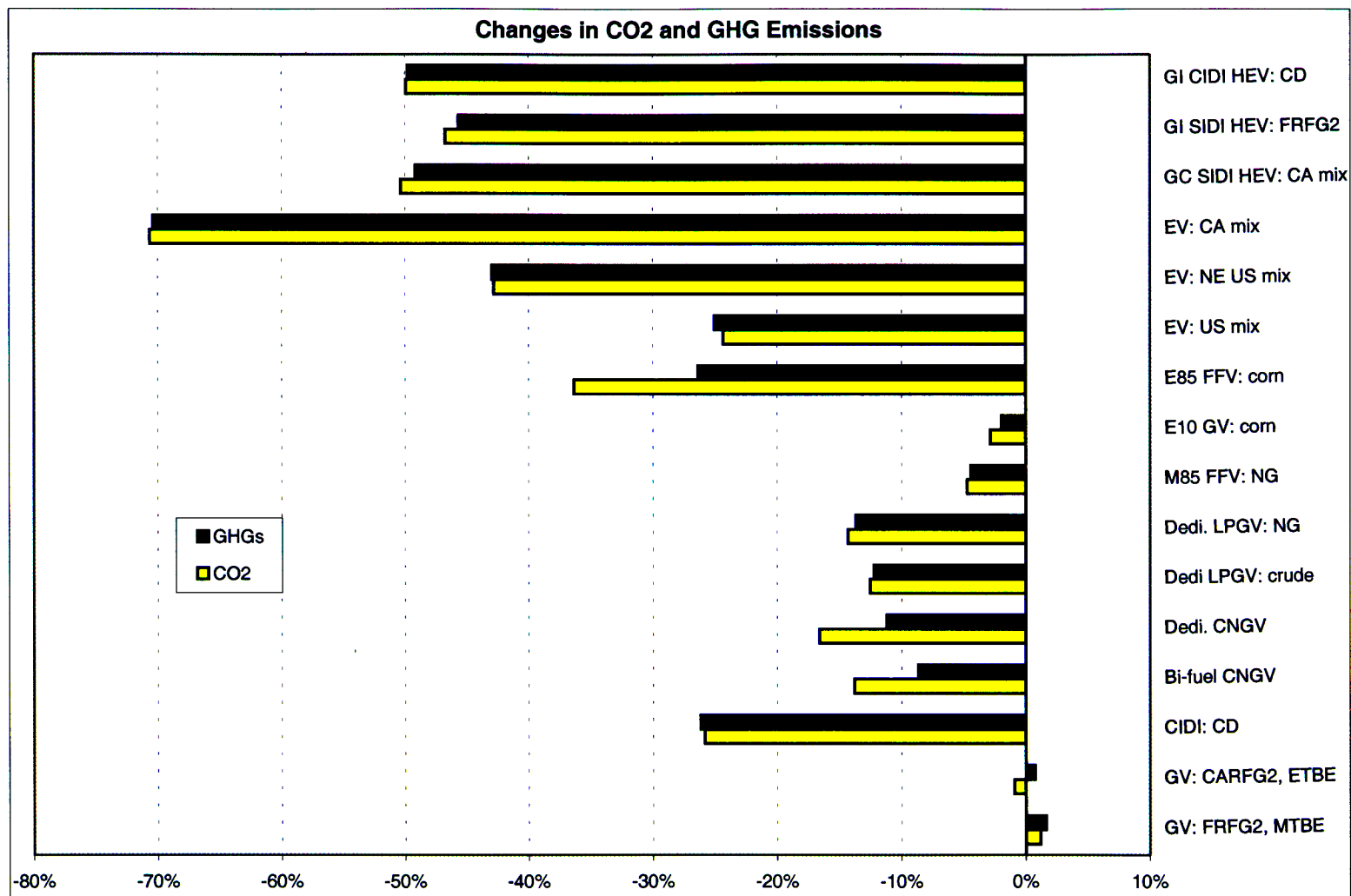


Figure C-1.4 Changes in Fuel-Cycle CO₂ and GHG Emissions Relative to GV's Fueled with CG, Light-Duty Trucks 1: Near-Term Technologies



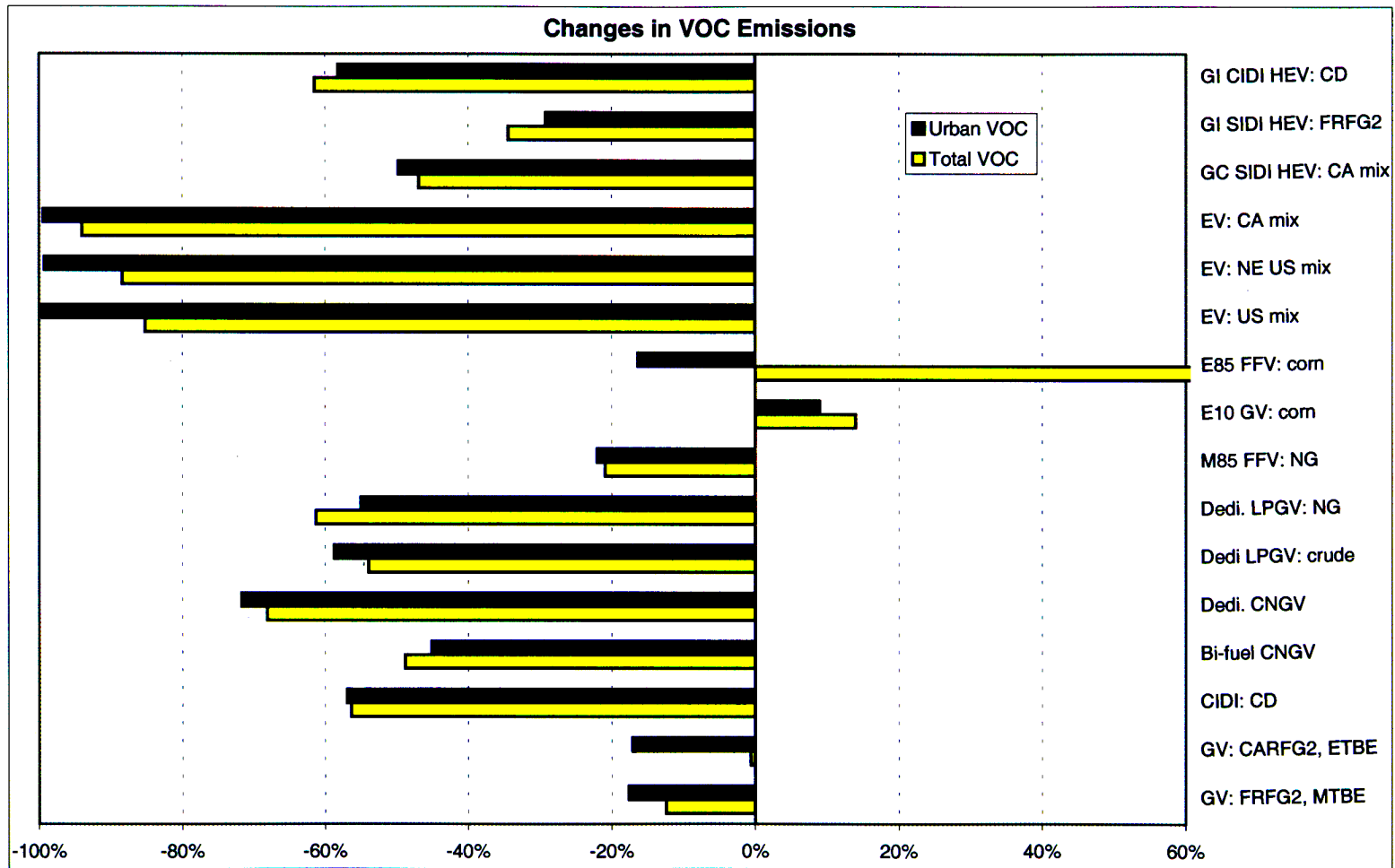


Figure C-1.5 Changes in Fuel-Cycle VOC Emissions Relative to GVs Fueled with CG, Light-Duty Trucks 1: Near-Term Technologies



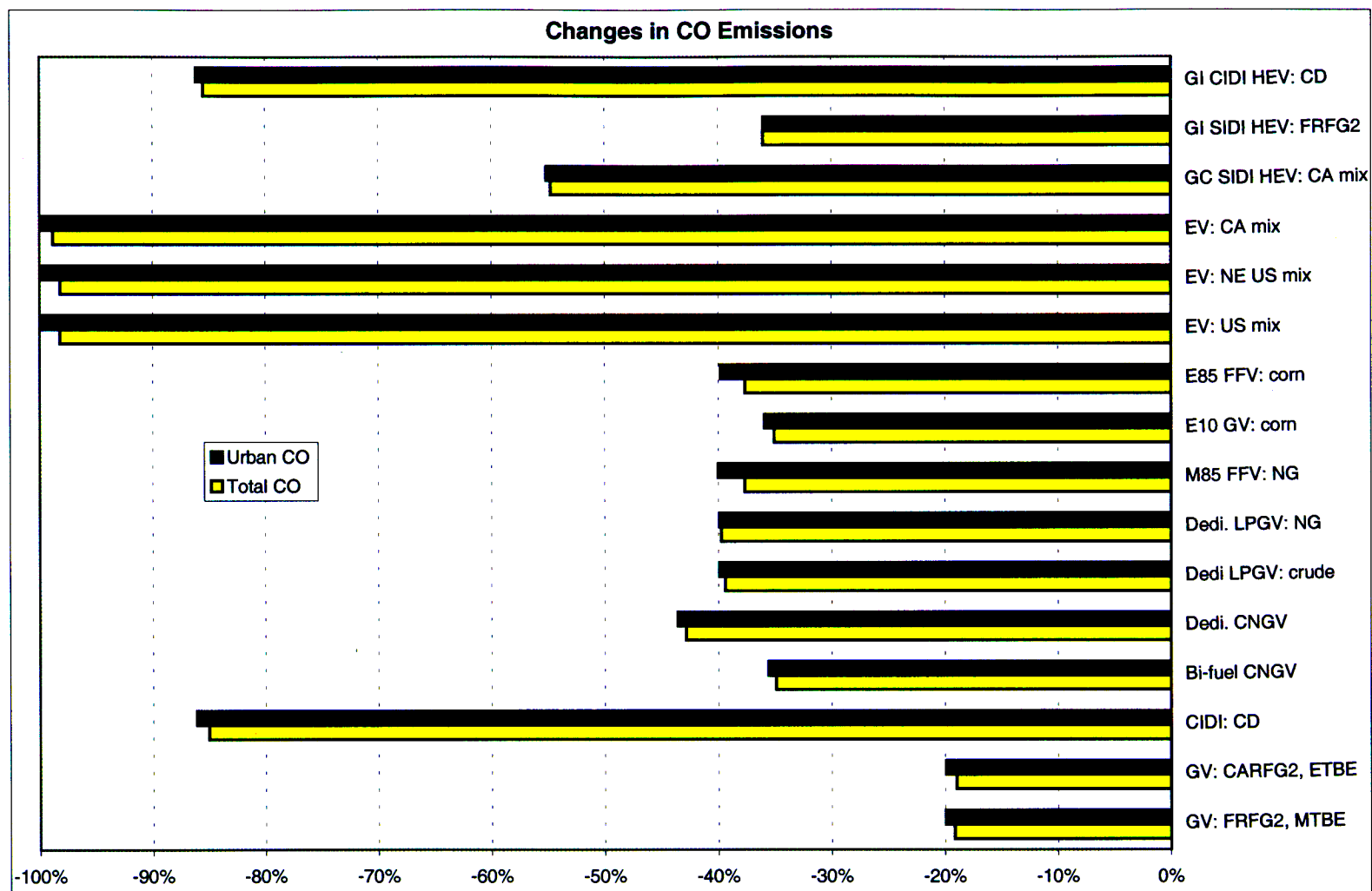


Figure C-1.6 Changes in Fuel-Cycle CO Emissions Relative to GVs Fueled with CG, Light-Duty Trucks 1: Near-Term Technologies



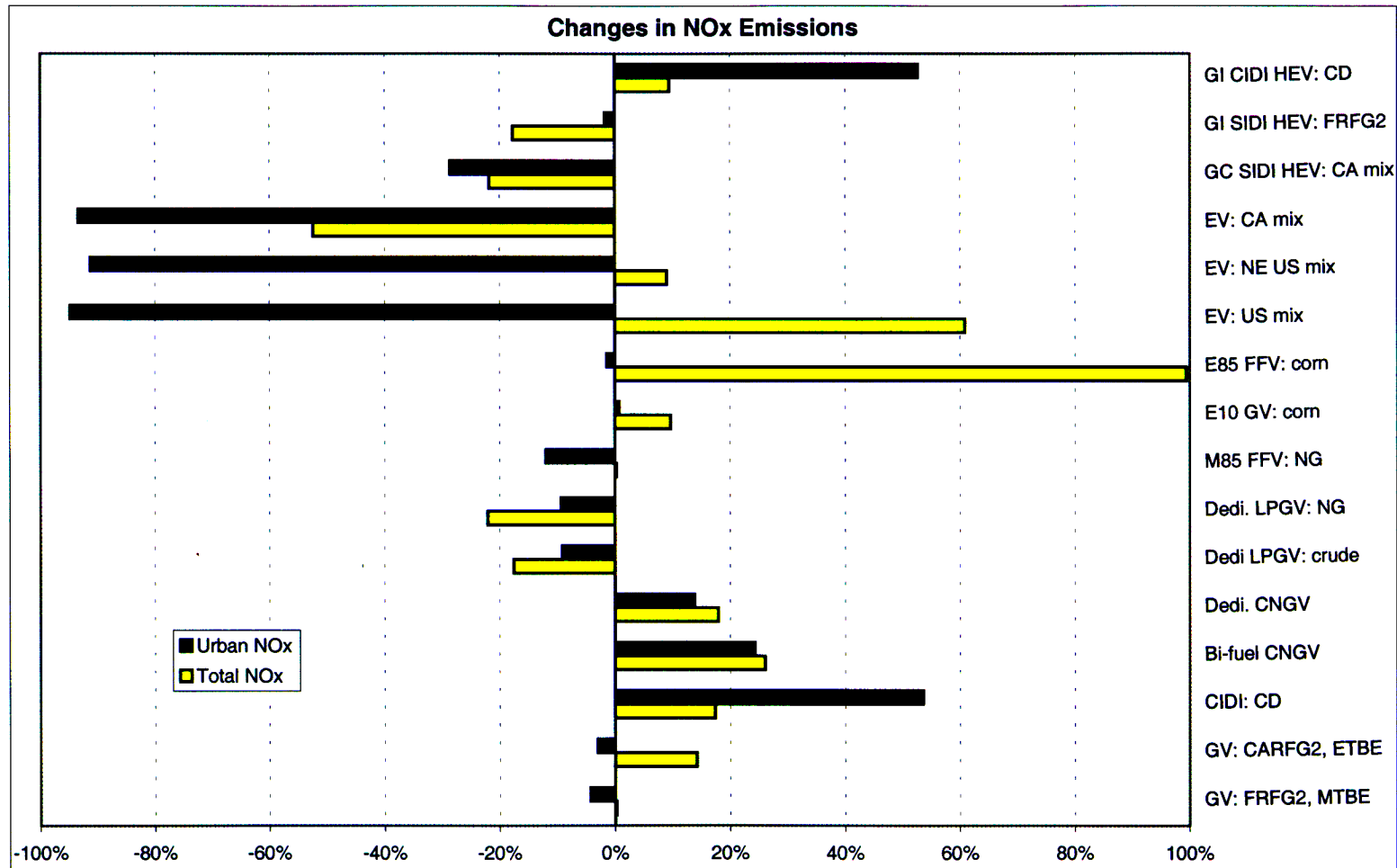


Figure C-1.7 Changes in Fuel-Cycle NO_x Emissions Relative to GVs Fueled with CG, Light-Duty Trucks 1: Near-Term Technologies



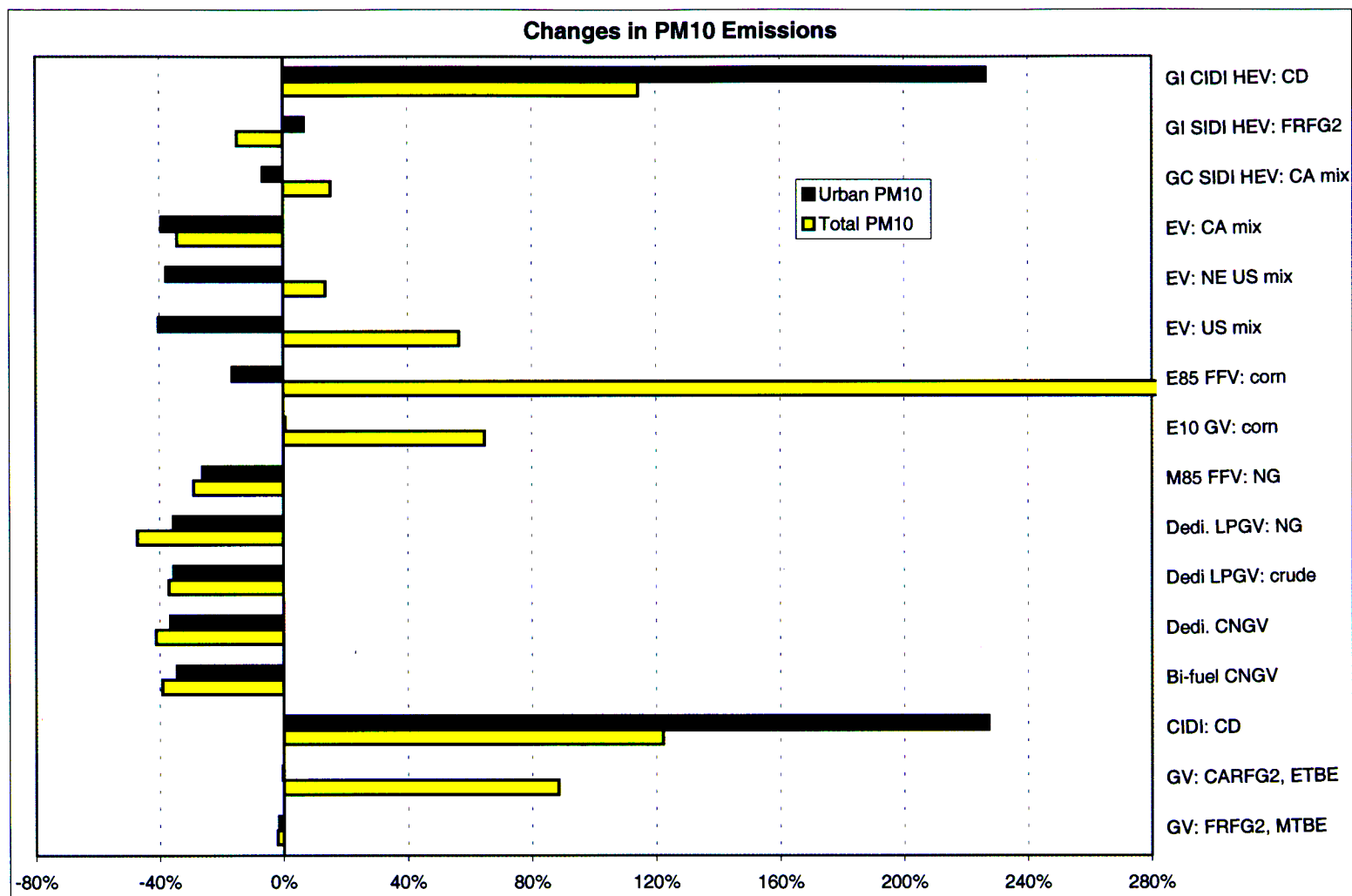


Figure C-1.8 Changes in Fuel-Cycle PM₁₀ Emissions Relative to GVs Fueled with CG, Light-Duty Trucks 1: Near-Term Technologies

