



Shrinking the Carbon Footprint of Metropolitan America

Metro Area Profile: Sarasota-Bradenton-Venice, FL

The report "Shrinking the Carbon Footprint of Metropolitan America" quantifies for the first time the amount and most significant sources of carbon emitted—from highway transportation and residential energy consumption—by the 100 largest metropolitan areas in 2000 and 2005. Substantial variation exists among these "carbon footprints" of metro areas, due in part to their development patterns, rail transit, freight traffic, carbon content of electricity sources, electricity prices, and weather.

To access the entire report, see www.blueprintprosperity.org

Per Capita Carbon Footprints, 2000-2005

Trends. Metropolitan Sarasota's per capita footprint from transportation and residential energy use increased **29.56** percent between 2000 and 2005. The average per capita footprint of the 100 largest metro areas and of the nation increased 1.1 percent and 2.2 percent during this time, respectively.

The transportation portion of Sarasota's per capita footprint increased **58.6** percent between 2000 and 2005, compared to an increase of 2.4 percent in the 100 largest metro areas. The residential portion of Sarasota's per capita footprint decreased **3.4** percent between 2000 and 2005, compared to a slight decrease of 0.7 percent in the 100 largest metro areas.

Snapshot = 2005. The average resident in metropolitan Sarasota emitted **2.914** tons of carbon from highway transportation and residential energy in 2005 (rank **82nd**). This compares with 2.24 tons of carbon emitted by the average 100-metro resident and 2.60 tons of carbon emitted by the average American from transportation and residential energy.

From highway transportation. The average Sarasota resident emitted **1.897** tons of carbon from highway transportation (rank **94th**). The average 100-metro resident emitted 1.310 tons and the average American emitted 1.44 tons from highway transportation.

The average Sarasota resident emitted 1.381 tons from autos (rank **96th**) and 0.516 tons from trucks (rank **83rd**), compared to 1.004 tons from autos and 0.305 tons from trucks from the average 100-metro resident.

From residential energy use. The average Sarasota resident emitted **1.018** tons of carbon from residential energy use (rank **46th**). The average 100-metro resident emitted 0.925 tons and the average American emitted 1.16 tons of carbon from residential energy use.

The average Sarasota resident emitted 0.990 tons from electricity (rank **83rd**) and 0.028 tons from residential fuels (rank **8th**). This compares to 0.611 tons from electricity and 0.314 tons from fuels from the average 100-metro resident.