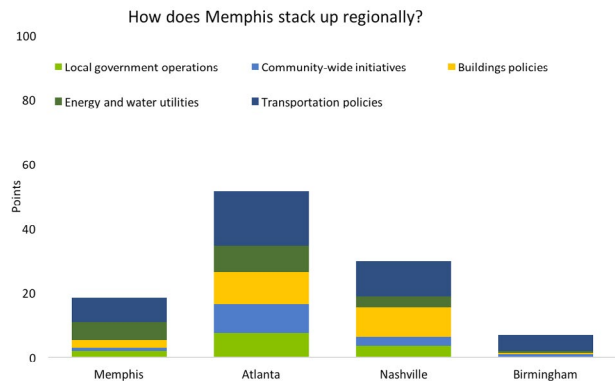
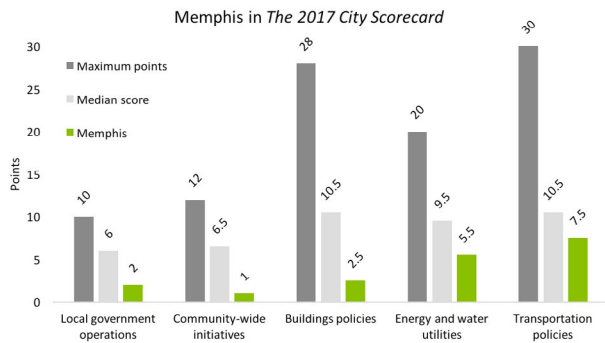


48 Memphis



Memphis ranked 48th in the *2017 City Energy Efficiency Scorecard*, falling 6 spots since 2015. The city earned 18.5 points out of a possible 100, 6.5 points fewer than last time.

LOCAL GOVERNMENT OPERATIONS (2 OF 10 POINTS)

Memphis benchmarks the energy use of a significant portion of municipal buildings and publicly reports on its sustainability efforts. The city has significant room to improve its energy efficiency efforts in local government operations, which it can do by developing energy savings goals, enacting an energy efficiency requirement for new buildings, and developing a comprehensive retrofit strategy for existing buildings.

COMMUNITY-WIDE INITIATIVES (1 OF 12 POINTS)

Memphis is developing a climate action plan with energy savings and greenhouse gas emissions reduction goals.

BUILDINGS POLICIES (2.5 OF 28 POINTS)

In Tennessee, building energy codes are adopted at the local level. Memphis adopted the 2009 IECC, which is not stringent enough to receive points. The city offers tax abatements and low interest loans for residential and commercial projects implementing green building or energy efficiency measures. It can do more to encourage energy efficiency in buildings, including pursuing energy audit, retrofit, and benchmarking requirements.

ENERGY AND WATER UTILITIES (5.5 OF 20 POINTS)

Memphis Light Gas & Water (MLWG) has room for improvement in its energy efficiency investments. MLWG did not receive credit for efficiency spending or savings for either electric or natural gas efficiency programs. MLGW runs low-income and multifamily programs, but these programs could be improved to cover more comprehensive measures. Memphis earned credit for efficiency efforts in water services for its water utilities' energy efficiency programs and self-generation of energy at wastewater treatment plants.

TRANSPORTATION POLICIES (7.5 OF 30 POINTS)

Memphis works to increase the mode share of non-single-occupancy vehicles through its complete streets policy and car-share program, and is planning a bike-share program. However, it has few other initiatives to increase efficiency of transportation.

HIGHLIGHTS AND OPPORTUNITIES

Memphis has established an energy efficiency policy or program in each scoring area, but the city has room to improve across the board. It can do so by pursuing foundational energy efficiency policies, like developing community-wide energy savings goal, adopting a more-stringent building energy code, and creating a sustainable transportation plan to reduce vehicle miles traveled citywide. Memphis has the most room for improvement in buildings policies and community-wide initiatives.