

Chart of the Week #2023-10



Reality Check

Who Emits Most and Least per Dollar of GDP?

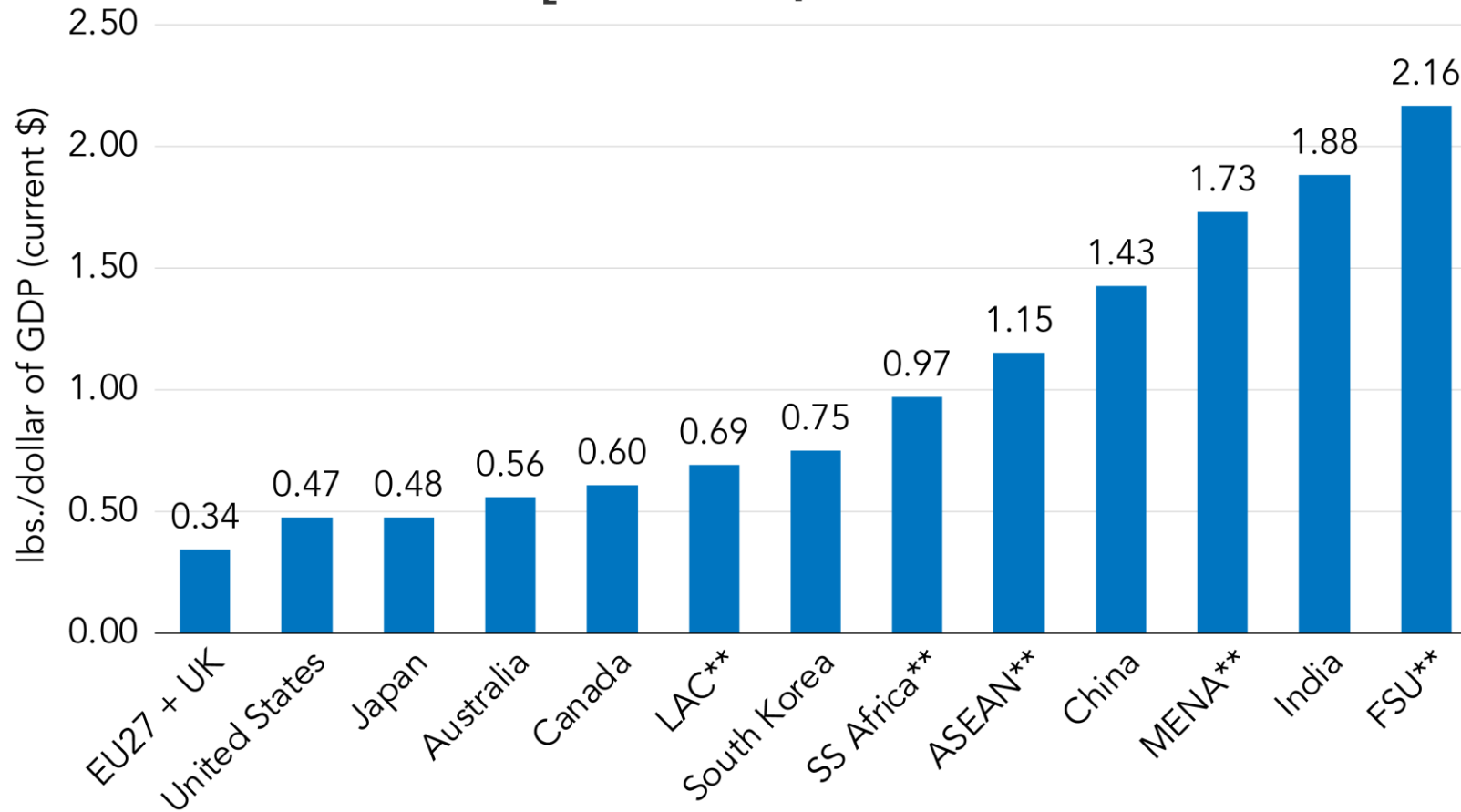
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Who Emits Most and Least per Dollar of GDP?

Pound (lbs.) of CO₂ emissions* per \$ of GDP (nominal) in 2021



* CO₂ emissions include territorial emissions from gas, oil, coal, gas flaring, and cement.

** Due to data availability, some countries are excluded from country groupings. **LAC** (Latin America & Caribbean) excludes British Virgin Islands, Cayman Islands, Cuba, Puerto Rico, Sint Maarten, Venezuela, U.S. Virgin Islands. **SS Africa** (Sub-Saharan Africa) excludes Eritrea and South Sudan. **ASEAN** includes all 10 members of the Association of Southeast Asian Nations. **MENA** (Middle East & North Africa) excludes Syria and Yemen. **FSU** (Former Soviet Union) countries exclude Turkmenistan.

Source: **EPRINC** analysis based on data from **World Bank** and **Global Carbon Atlas**.



- Despite the pressure to rapidly reduce CO₂ emissions, the U.S., along with other OECD members, remains among the least emission-intensive countries in the world.
- As of 2021, the U.S. emission intensity level was 3 times lower than China's, 4 times lower than India's, and 4.6 times lower than that of the Former Soviet Union countries.
- The future emission intensity levels of developing/non-OECD world will depend on their economic growth, which in turn hinges on access to reliable, affordable energy.