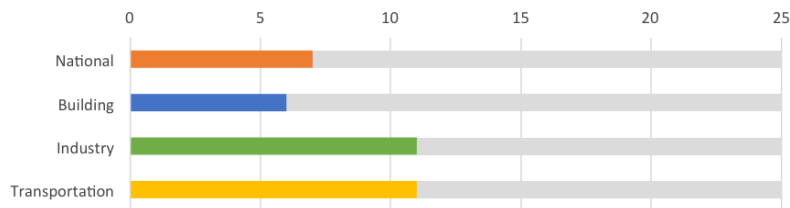


14 Russia



Coming in 14th, Russia ranked third to last, scoring higher than only Mexico and Brazil.

Of the four categories, Russia is strongest on industrial efficiency, ranking 10th. The energy intensity of Russia's industrial sector is moderately high, but a significant portion of the electricity consumed by the industrial sector is generated by combined heat and power, which improves overall efficiency. Russia does require periodic energy audits of its manufacturing facilities and has agreements and incentives in place between governments and businesses to encourage and promote energy efficiency.

Russia's transportation sector ranked higher than several countries including the United States, Australia, and South Korea. The lower overall energy intensity in Russia's transportation sector is due to fewer vehicle miles traveled per capita and Russia's strong investment in rail transit. This investment in rail brings energy efficiency benefits in the form of low energy intensity of freight transport, of which Russia has the lowest energy intensity of any country analyzed.

AREAS FOR IMPROVEMENT

In the buildings sector, Russia ranked the lowest of all countries analyzed. The energy intensity of residential buildings in Russia is one of the highest of all countries analyzed. Even though building energy codes are mandatory for both residential and commercial buildings, these policies are too weak to stimulate large savings. Furthermore, appliance and

equipment standards apply to only one product, the fewest number of products regulated in our study. To increase its efficiency in buildings, Russia would benefit from best practices demonstrated in countries such as Australia, France, and Germany.

There is also room for Russia to improve its national efforts. Thermal power plants in Russia are among the least efficient of any country, and improved federal programs for increasing investment in energy savings would help achieve greater efficiency overall.

ADDITIONAL RESOURCES

For more information on Russia's national energy strategy: [http://www.energystrategy.ru/projects/docs/ES-2030_\(Eng\).pdf](http://www.energystrategy.ru/projects/docs/ES-2030_(Eng).pdf)

For more information on Russia's energy efficiency policies: <http://www.iea.org/policiesandmeasures/energyefficiency/?country=Russia>