

Table J2. World energy intensity by region, Reference case

thousand British thermal units per 2015 dollar of GDP (PPP)

Region	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
OECD								
OECD Americas	4.9	4.5	4.1	3.8	3.6	3.4	3.2	-1.4
United States	4.9	4.4	4.0	3.7	3.4	3.2	3.0	-1.6
Canada	8.9	8.2	7.8	7.5	7.2	6.9	6.6	-1.0
Mexico and other OECD Americas	3.2	3.1	3.0	2.9	2.8	2.8	2.8	-0.5
OECD Europe	3.4	3.1	3.0	2.9	2.8	2.7	2.6	-0.9
OECD Asia	4.3	4.2	4.0	3.9	3.9	3.8	3.7	-0.5
Japan	3.6	3.4	3.3	3.2	3.2	3.1	3.0	-0.6
South Korea	5.6	5.5	5.3	5.2	5.1	5.0	4.9	-0.4
Australia and New Zealand	5.0	4.8	4.5	4.3	4.1	3.9	3.8	-0.9
Total OECD	4.2	3.9	3.7	3.5	3.3	3.2	3.0	-1.1
Non-OECD								
Non-OECD Europe and Eurasia	8.1	7.2	6.7	6.2	5.8	5.4	5.0	-1.6
Russia	9.6	9.1	8.8	8.4	8.2	7.9	7.7	-0.7
Other Europe and Eurasia	6.3	5.2	4.6	4.1	3.7	3.4	3.1	-2.3
Non-OECD Asia	5.2	4.5	3.9	3.5	3.3	3.0	2.8	-2.0
China	6.6	5.4	4.6	4.1	3.7	3.4	3.1	-2.5
India	3.6	3.7	3.4	3.3	3.1	3.0	2.9	-0.8
Other Asia	3.6	3.3	3.1	2.8	2.7	2.5	2.3	-1.4
Middle East	7.5	7.2	6.6	6.2	6.0	5.7	5.3	-1.1
Africa	3.6	3.5	3.3	3.1	3.0	2.8	2.8	-0.9
Non-OECD Americas	5.0	4.7	4.4	4.3	4.1	4.0	3.9	-0.8
Brazil	5.1	5.1	4.9	4.9	4.9	4.9	4.9	-0.1
Other Non-OECD Americas	5.0	4.4	4.0	3.7	3.6	3.4	3.3	-1.4
Total Non-OECD	5.5	4.9	4.3	3.9	3.6	3.4	3.2	-1.8
Total World	4.9	4.4	4.0	3.7	3.5	3.3	3.1	-1.5

Sources: Table by the U.S. Energy Information Administration (EIA), based on the Oxford Global Economic Model, (February 2021), www.oxfordeconomics.com (subscription site); EIA, World Energy Projection System (2021), run r_210719.163829; and EIA, *Annual Energy Outlook 2021*, (February 2021), www.eia.gov/aeo

Notes:

* Totals may not equal sum of components due to independent rounding.