

## America's Carbon Efficiency Advantage by Sector vs. BRIC, EU, & USMCA Countries

	USA	Brazil	Canada	China	EU	India	Mexico	Russia	World
Agriculture, forestry and fishing	1.0	1.2	1.4	1.2	1.2	0.9	1.6	1.8	1.0
Mining and extraction of energy producing products	1.0	1.1	1.6	2.2	0.9	5.9	1.5	2.2	1.3
Mining and quarrying of non-energy producing products	1.0	0.6	1.6	2.2	0.8	4.7	1.0	3.2	1.4
Mining support service activities	1.0	1.8	1.5	5.2	1.9	2.5	1.6	4.2	1.9
Food products, beverages and tobacco	1.0	1.0	1.0	1.4	0.8	1.5	0.9	1.8	1.1
Textiles, wearing apparel, leather and related products	1.0	0.8	1.0	1.8	0.8	2.3	1.1	1.9	1.5
Wood and products of wood and cork	1.0	1.0	1.3	1.8	0.9	3.7	1.7	2.9	1.4
Paper products and printing	1.0	0.9	1.0	1.7	0.8	2.3	1.1	2.4	1.2
Coke and refined petroleum products	1.0	0.9	1.3	1.6	1.3	1.8	1.9	1.7	1.3
Chemicals and pharmaceutical products	1.0	0.9	1.5	2.6	0.8	2.1	1.2	5.5	1.6
Rubber and plastic products	1.0	0.9	1.0	2.7	0.7	2.1	1.1	2.9	2.0
Other non-metallic mineral products	1.0	0.7	0.9	1.6	1.0	2.5	0.9	2.7	1.3
Basic metals	1.0	1.3	1.0	1.8	0.9	2.7	0.7	3.7	1.5
Fabricated metal products	1.0	1.3	0.9	3.1	0.9	6.1	1.4	4.8	1.8
Computer, electronic and optical products	1.0	2.5	2.3	5.7	2.1	8.0	3.4	7.4	4.0
Electrical equipment	1.0	1.5	1.2	3.1	1.0	3.9	1.4	4.8	2.2
Machinery and equipment	1.0	1.0	0.9	2.8	0.8	4.0	1.2	4.5	1.8
Motor vehicles, trailers and semi-trailers	1.0	1.2	0.9	2.4	0.7	3.5	1.0	3.6	1.3
Other transport equipment	1.0	1.3	0.9	2.8	0.8	3.5	1.3	3.2	1.5
Other manufacturing; repair and installation of machinery and equipment	1.0	1.0	1.0	2.8	0.7	4.2	1.7	4.1	1.9
<b>Economy-Wide</b>	<b>1.0</b>	<b>1.1</b>	<b>1.3</b>	<b>3.2</b>	<b>0.9</b>	<b>3.8</b>	<b>1.4</b>	<b>4.2</b>	<b>1.8</b>

**Source:** MacroDyn Group calculations based on data from the International Energy Agency, the World Input-Output Database environmental accounts and the Global Trade Analysis Project. Table originally appeared in our September 2020 report *America's Carbon Advantage*.

- U.S. Carbon Advantage (foreign competitors less carbon efficient)
- U.S. Carbon Disadvantage (foreign competitors more carbon efficient)
- U.S. Carbon Efficiency or Equivalent