



|                                    |            |            |            |            |            |            |            |              |
|------------------------------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| Nonmanufacturing                   | 0.5        | 0.5        | 0.5        | 0.4        | 0.4        | 0.4        | 0.4        | -1.0%        |
| <b>Total</b>                       | <b>1.8</b> | <b>1.8</b> | <b>1.7</b> | <b>1.6</b> | <b>1.6</b> | <b>1.6</b> | <b>1.6</b> | <b>-0.5%</b> |
| <b>Australia and New Zealand</b>   |            |            |            |            |            |            |            |              |
| Energy-intensive manufacturing     | 6.6        | 6.4        | 6.3        | 6.0        | 5.8        | 5.6        | 5.5        | -0.6%        |
| Non-energy-intensive manufacturing | 3.9        | 4.0        | 4.0        | 4.0        | 3.9        | 3.9        | 3.8        | -0.1%        |
| Nonmanufacturing                   | 1.7        | 1.5        | 1.5        | 1.4        | 1.4        | 1.5        | 1.5        | -0.3%        |
| <b>Total</b>                       | <b>2.9</b> | <b>2.9</b> | <b>2.7</b> | <b>2.6</b> | <b>2.6</b> | <b>2.5</b> | <b>2.5</b> | <b>-0.5%</b> |
| <b>China</b>                       |            |            |            |            |            |            |            |              |
| Energy-intensive manufacturing     | 5.2        | 4.8        | 4.1        | 3.7        | 3.3        | 3.1        | 2.9        | -2.1%        |
| Non-energy-intensive manufacturing | 0.9        | 0.8        | 0.7        | 0.6        | 0.6        | 0.6        | 0.5        | -1.7%        |
| Nonmanufacturing                   | 0.5        | 0.4        | 0.4        | 0.3        | 0.3        | 0.3        | 0.3        | -1.5%        |
| <b>Total</b>                       | <b>1.7</b> | <b>1.6</b> | <b>1.3</b> | <b>1.2</b> | <b>1.1</b> | <b>1.0</b> | <b>0.9</b> | <b>-2.2%</b> |
| <b>India</b>                       |            |            |            |            |            |            |            |              |
| Energy-intensive manufacturing     | 2.3        | 2.2        | 2.0        | 1.8        | 1.7        | 1.7        | 1.6        | -1.2%        |
| Non-energy-intensive manufacturing | 2.7        | 2.6        | 2.5        | 2.3        | 2.2        | 2.1        | 2.0        | -1.2%        |
| Nonmanufacturing                   | 0.4        | 0.4        | 0.4        | 0.3        | 0.3        | 0.3        | 0.3        | -1.1%        |
| <b>Total</b>                       | <b>1.7</b> | <b>1.6</b> | <b>1.5</b> | <b>1.5</b> | <b>1.4</b> | <b>1.4</b> | <b>1.3</b> | <b>-0.8%</b> |
| <b>Other Asia Pacific</b>          |            |            |            |            |            |            |            |              |
| Energy-intensive manufacturing     | 1.6        | 1.6        | 1.5        | 1.4        | 1.2        | 1.1        | 1.1        | -1.5%        |
| Non-energy-intensive manufacturing | 1.0        | 1.0        | 1.0        | 0.9        | 0.9        | 0.9        | 0.9        | -0.5%        |
| Nonmanufacturing                   | 0.3        | 0.3        | 0.3        | 0.3        | 0.2        | 0.2        | 0.2        | -1.7%        |
| <b>Total</b>                       | <b>1.0</b> | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> | <b>0.8</b> | <b>0.8</b> | <b>0.7</b> | <b>-0.9%</b> |
| <b>Africa and Middle East</b>      |            |            |            |            |            |            |            |              |
| <b>Africa</b>                      |            |            |            |            |            |            |            |              |
| Energy-intensive manufacturing     | 2.3        | 2.3        | 2.2        | 2.1        | 2.1        | 2.0        | 2.1        | -0.5%        |
| Non-energy-intensive manufacturing | 6.4        | 6.4        | 6.5        | 6.7        | 6.8        | 6.9        | 6.9        | 0.3%         |
| Nonmanufacturing                   | 0.5        | 0.4        | 0.4        | 0.4        | 0.4        | 0.3        | 0.3        | -1.3%        |
| <b>Total</b>                       | <b>2.0</b> | <b>1.9</b> | <b>2.0</b> | <b>2.0</b> | <b>2.0</b> | <b>2.1</b> | <b>2.1</b> | <b>0.2%</b>  |
| <b>Middle East</b>                 |            |            |            |            |            |            |            |              |
| Energy-intensive manufacturing     | 4.8        | 4.7        | 4.5        | 4.4        | 4.3        | 4.3        | 4.2        | -0.5%        |
| Non-energy-intensive manufacturing | 9.5        | 8.8        | 8.2        | 7.8        | 7.5        | 7.2        | 6.9        | -1.1%        |
| Nonmanufacturing                   | 1.0        | 1.1        | 1.2        | 1.2        | 1.3        | 1.4        | 1.5        | 1.3%         |
| <b>Total</b>                       | <b>3.6</b> | <b>3.5</b> | <b>3.4</b> | <b>3.4</b> | <b>3.4</b> | <b>3.4</b> | <b>3.4</b> | <b>-0.2%</b> |
| <b>World</b>                       |            |            |            |            |            |            |            |              |
| Energy-intensive manufacturing     | 4.2        | 3.9        | 3.6        | 3.3        | 3.0        | 2.8        | 2.7        | -1.6%        |
| Non-energy-intensive manufacturing | 1.3        | 1.2        | 1.2        | 1.1        | 1.1        | 1.1        | 1.1        | -0.7%        |
| Nonmanufacturing                   | 0.8        | 0.7        | 0.7        | 0.6        | 0.6        | 0.6        | 0.6        | -1.1%        |
| <b>Total</b>                       | <b>1.9</b> | <b>1.8</b> | <b>1.6</b> | <b>1.5</b> | <b>1.5</b> | <b>1.4</b> | <b>1.4</b> | <b>-1.2%</b> |

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hz\_230821.151430 and Annual Energy Outlook 2023 (March 2023), [www.eia.gov/aeo](http://www.eia.gov/aeo)

Note: Totals may not equal sum of components due to independent rounding. Nonmanufacturing includes agriculture, construction, and mining; energy-intensive manufacturing includes food, pulp and paper, basic chemicals, refining, iron and steel, nonferrous metals, and nonmetallic minerals; non-energy-intensive manufacturing includes all other manufacturing industries.