



ENVIRONMENTAL IMPACT

Summary Metrics



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| Metric | Unit | 2018 | 2019 |
|--|--|--------|--------|
| Energy intensity | Btu per lb of production | 4,756 | 4,711 |
| Scope 1 GHG emissions | Millions of metric tons CO ₂ e | 28.7 | 27.6 |
| Scope 2 GHG emissions | Millions of metric tons CO ₂ e | 6.82 | 6.05 |
| Combined Scope 1 and 2 GHG intensity | Lb of CO ₂ e per lb of production | 0.76 | 0.74 |
| Scope 3 GHG emissions | Millions of metric tons CO ₂ e | 76.3 | 91.4 |
| Ozone-depleting compound emissions | Metric tons as CFC-11e | 1.74 | 1.51 |
| Nitrogen oxide emissions | Metric tons | 19,864 | 18,534 |
| Sulfur oxide emissions | Metric tons | 2,614 | 2,573 |
| Volatile organic compounds (VOC) emissions | Metric tons | 7,583 | 7,534 |
| Chemical emissions to air and water | Metric tons | 12,625 | 13,914 |
| Emissions of priority chemicals to air and water | Metric tons | 258 | 248 |
| Freshwater intake | Millions of cubic meters | 2,040 | 2,075 |
| Wastewater | Millions of metric tons | 130.6 | 129.3 |
| Wastewater intensity | Lb of wastewater per lb of production | 2.80 | 2.83 |
| Waste | Millions of metric tons | 1.44 | 1.32 |
| Waste intensity | Lb of waste per lb of production | 0.031 | 0.029 |