

# Chemours 2019 Performance Scorecard



Business Overview (USD in Millions)	FY2017	FY2018	FY2019	2030 Goal Progress
<b>Economic Value Generated</b>				
Net Sales	6,183	6,638	5,526	
Adjusted EBITDA	1,422	1,740	1,020	
<b>Economic Value Distributed</b>				
Operating Costs <sup>1</sup>	5,121	5,373	5,098	
Research and Development	81	82	80	
Payments to Providers of Capital <sup>2</sup>	370	1,718	877	
Payments to Governments <sup>3</sup>	79	75	85	
Capital Expenditures	411	498	481	
<b>Economic Value Retained</b>				
Change in Retained Earnings <sup>4</sup>	693	887	-217	

Inspired People	FY2017	FY2018	FY2019	2030 Goal Progress
<b>Empowered Employees</b>				
Total Number Employees at Year End <sup>5</sup>	-	7,021	6,953	
<b>Women in Total Global Workforce<sup>5</sup></b>	-	<b>22%</b>	<b>22%</b>	🟡
Women in Global Leadership Team <sup>5</sup>	-	33%	33%	
Women in Chemours Executive Team	13%	13%	13%	
Women on the Board of Directors	25%	25%	33%	
<b>Ethnic Diversity in Total US Workforce<sup>5</sup></b>	-	<b>19%</b>	<b>19%</b>	🟡
Ethnic Diversity in US Leadership Team <sup>5</sup>	-	26%	21%	
Ethnic Diversity in Chemours Executive Team	13%	13%	25%	
Ethnic Diversity on the Board of Directors	13%	13%	11%	
Workplace Culture—Survey Participation	72%	80%	89%	
Workplace Culture—Benchmark Ranking	2nd Quartile	2nd Quartile	2nd Quartile	
<b>Vibrant Communities</b>				
Charitable Giving (USD in Millions) <sup>5</sup>	-	2.1	2.5	
<b>Cumulative Charitable Giving toward 2030 Goal (USD in Millions)<sup>5</sup></b>	-	<b>0</b>	<b>2.5</b>	🔴
Chemours—Supported Employee Volunteering (Hours) <sup>5</sup>	-	5,860	5,417	

At or worse than base year 🟡 Behind schedule 🔴 On track 🟢

Inspired People	FY2017	FY2018	FY2019	2030 Goal Progress
<b>Safety Excellence</b>				
<b>Employee Total Reportable Incident Rate (Number of events per 100 workers per year)</b>	<b>0.26</b>	<b>0.28</b>	<b>0.27</b>	
Employee Lost Time Incident Rate (Number of events per 100 workers per year)	0.03	0.05	0.03	
Employee Fatalities	0	0	0	
<b>Contractor Total Reportable Incident Rate (Number of events per 100 workers per year)</b>	<b>0.31</b>	<b>0.23</b>	<b>0.32</b>	
Contractor Lost Time Incident Rate (Number of events per 100 workers per year)	0.09	0	0.02	
Contractor Fatalities	0	0	1	
<b>Tier 1 Process Safety Event Rate (Number of events per 100 workers per year)</b>	<b>0.01</b>	<b>0.04</b>	<b>0.02</b>	
Tier 2 Process Safety Event Rate (Number of events per 100 workers per year)	0.10	0.11	0.14	
<b>Distribution Incidents</b>	<b>7</b>	<b>3</b>	<b>6</b>	
Total Number Significant Spills	0	0	0	

Shared Planet	FY2017	FY2018	FY2019	2030 Goal Progress
<b>Energy Use</b>				
Total Purchased Electricity Use (MWh)	1,627,000	1,608,000	1,549,000	
Electricity Use—Nonrenewable Sources (MWh)	1,546,000	1,524,000	1,467,000	
Electricity Use—Renewable Sources (MWh)	81,000	84,000	82,000	
Renewables as Percent of Total Electricity Use	5%	5%	5%	
Total Fuel Use (MWh)	5,507,000	5,181,000	4,560,000	
Fuel Use—Nonrenewable Sources (MWh)	5,370,000	5,085,000	4,481,000	
Fuel Use—Renewable Sources (MWh)	137,000	96,000	79,000	
Total Purchased Steam Use (MWh)	2,736,000	2,583,000	2,215,000	
Total Energy Use (MWh)	9,870,000	9,372,000	8,324,000	
US Energy Use	7,470,000	7,302,000	6,646,000	
Outside US Energy Use	2,400,000	2,070,000	1,678,000	
Energy Intensity (MWh / Metric Tons of Sales Product)	4.19	4.70	4.94	
Renewables as Percent of Total Energy Use	2%	2%	2%	
<b>Greenhouse Gas Emissions</b>				
Direct (Scope 1) GHG Emissions (Metric Tons of CO <sub>2</sub> e)	10,097,000	8,366,000	7,655,000	
Indirect (Scope 2) GHG Emissions (Metric Tons of CO <sub>2</sub> e)	1,657,000	1,458,000	1,233,000	
Total Scope 1 and 2 GHG Emissions (Metric Tons of CO <sub>2</sub> e)	11,754,000	9,824,000	8,888,000	
US GHG Emissions (Metric Tons of CO <sub>2</sub> e)	10,319,000	8,444,000	7,602,000	
Outside US GHG Emissions (Metric Tons of CO <sub>2</sub> e)	1,435,000	1,380,000	1,286,000	
Total Scope 1 and 2 GHG Intensity (Metric Tons of CO <sub>2</sub> e / Metric Tons of Sales Product)	4.99	4.93	5.27	
Total Scope 1 and 2 GHG Intensity (Metric Tons of CO <sub>2</sub> e / \$ Net Sales)	0.0019	0.0015	0.0016	

At or worse than base year  Behind schedule  On track 

Shared Planet	FY2017	FY2018	FY2019	2030 Goal Progress
<b>Greenhouse Gas Emissions</b>				
Total Scope 1 and 2 GHG Intensity (Metric Tons of CO <sub>2</sub> e / \$ Adjusted EBIDTA)	8,266	5,646	8,714	
<b>2018 Adjusted Scope 1 and 2 GHG Intensity (Metric Tons of CO<sub>2</sub>e / Metric Tons of Sales Product)<sup>5,7</sup></b>	-	<b>4.74</b>	<b>5.27</b>	
Indirect (Scope 3) GHG Emissions (Million Metric Tons of CO <sub>2</sub> e)	162	165	155	
Total Scope 1, 2, and 3 GHG Emissions (Million Metric Tons of CO <sub>2</sub> e)	173	175	164	
Avoided GHG Emissions Enabled by Products (Million Metric Tons of CO <sub>2</sub> e)	20	34	27	
<b>Carbon-Positive Indicator: Avoided GHG Emissions—Scope 1, 2, and 3 GHG Emissions (Million Metric Tons of CO<sub>2</sub>e)</b>	<b>-153</b>	<b>-141</b>	<b>-137</b>	
<b>Air Emissions</b>				
<b>Total Fluorinated Organic Compound Process Emissions to Air (Metric Tons)<sup>5</sup></b>	-	<b>1,033</b>	<b>972</b>	
Total NO <sub>x</sub> + SO <sub>x</sub> Emissions (Metric Tons)	2,800	3,600	3,900	
Total NO <sub>x</sub> Emissions (Metric Tons)	2,000	1,800	2,100	
Total SO <sub>x</sub> Emissions (Metric Tons)	800	1,800	1,800	
Total Volatile Organic Carbon Emissions (Metric Tons)	3,300	3,000	2,400	
US Hazardous Air Pollutants (Metric Tons)	1,800	1,800	1,600	
<b>Water Stewardship</b>				
Total Water Use (Megaliters) <sup>5</sup>	-	301,000	300,000	
Total Water Withdrawals (Megaliters) <sup>6</sup>	254,000	273,000	272,000	
Total Water Recycled (Megaliters) <sup>5</sup>	-	32,000	28,000	
Total Water Discharged (Megaliters) <sup>5</sup>	-	250,000	262,000	
Total Water Consumption (Megaliters) <sup>6</sup>	45,000	62,000	56,000	
Water Use Intensity (Megaliters / Metric Tons of Sales Product) <sup>5</sup>	-	0.15	0.16	
Number of Sites in Stressed Watersheds per Aqueduct Screen <sup>5</sup>	-	8	7	
Stressed Watershed Withdrawals/Total Withdrawals <sup>5</sup>	-	5%	3%	
<b>Total Fluorinated Organic Compound Emissions to Water (Metric Tons)<sup>5,8</sup></b>	-	<b>556</b>	<b>548</b>	
<b>Waste Generation</b>				
Total Waste Generated (Metric Tons) <sup>6</sup>	1,453,000	1,508,000	1,279,000	
Total Waste to Landfills (Metric Tons) <sup>6</sup>	991,000	977,000	860,000	
Total Waste to Incineration/Controlled Combustion (Metric Tons)	32,000	33,000	26,000	
Total Waste to Deep Wells (Metric Tons)	415,000	399,000	275,000	
Total Waste to Other Disposal Methods (Metric Tons) <sup>5</sup>	-	17	0	
Total Waste Recycled (Metric Tons) <sup>5</sup>	11,000	94,000	115,000	
Total Waste Incinerated for Energy Recovery (Metric Tons)	4,000	5,000	3,000	
Total Waste Intensity (Metric Tons / Metric Tons of Sales Product)	0.62	0.75	0.76	

At or worse than base year 

Behind schedule 

On track 

Shared Planet	FY2017	FY2018	FY2019	2030 Goal Progress
<b>Waste Generation</b>				
Total Hazardous Waste Generated (Metric Tons)	429,000	408,000	290,000	
Hazardous Waste Recycled/Recovered (Metric Tons)	0	1,000	3,000	
Total Nonhazardous Waste Generated (Metric Tons) <sup>6</sup>	1,024,000	1,100,000	989,000	
Nonhazardous Waste Recycled/Recovered (Metric Tons) <sup>6</sup>	11,000	93,000	112,000	
Total Waste Volume to Landfills (m <sup>3</sup> ) <sup>6</sup>	883,000	726,000	626,000	
<b>Landfill Volume Intensity (m<sup>3</sup>/Metric Tons of Sales Product)<sup>6</sup></b>	<b>0.37</b>	<b>0.36</b>	<b>0.37</b>	

Evolved Portfolio <sup>5</sup>	FY2017	FY2018	FY2019	2030 Goal Progress
<b>Sustainable Offerings</b>				
<b>Revenue from Products that Support the UN SDGs</b>	-	<b>9.5%</b>	<b>10.4%</b>	
Products Sold in Renewable/Reusable Packaging	-	47%	48%	
<b>Sustainable Supply Chain</b>				
<b>Procurement Spend Covered by Sustainability Assessments</b>	-	<b>5%</b>	<b>39%</b>	
Procurement Spend with Local Suppliers	-	16%	14%	
<b>Improvement in Supplier Sustainability Score</b>	-	<b>0%</b>	<b>0%</b>	

<sup>1</sup>Operating Costs is comprised of cost of goods sold, selling, general, and administrative expense, and restructuring, asset-related, and other charges, as disclosed in the Company's Annual Reports on Form 10-K for the years ended December 31, 2019 and 2018.

<sup>2</sup>Payments to Providers of Capital is comprised of cash paid for interest (net of amounts capitalized), debt repayments, debt extinguishments, debt issuance costs, revolving loan repayments, dividends, and purchases of treasury stock, as disclosed in the Company's Annual Reports on Form 10-K for the years ended December 31, 2019 and 2018.

<sup>3</sup>Payments to Governments is comprised of cash paid for income taxes (net of refunds), as disclosed in the Company's Annual Reports on Form 10-K for the years ended December 31, 2019 and 2018.

<sup>4</sup>Economic Value Retained reflects the change in retained earnings, as disclosed in the Company's Annual Reports on Form 10-K for the years ended December 31, 2019 and 2018. Economic Value Retained does not represent Economic Value Generated less Economic Value Distributed, as not all financial impacts are reflected within the metrics included above. Refer to the Company's Annual Reports on Form 10-K for the years ended December 31, 2019 and 2018 for further information.

<sup>5</sup>Data not available for all reporting years.

<sup>6</sup>We are restating our historic planet data because of improved data completeness and quality.

<sup>7</sup>Values adjusted to remove contributions from a one-time emissions release event in 2018.

<sup>8</sup>Includes 525 metric tons of emissions currently captured and sent off-site for deep-well injection.

**Bolded entries represent our 2018 baseline values and progress for our 2030 CRC goals.**

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