

# TriMas

## Environmental Metrics

	Units	2019	2020	2021	2022	2023
TriMas Consolidated Net Sales	USD*	\$723.5	\$770.0	\$857.1	\$883.8	\$893.6
<b>Energy</b>						
Total Energy Usage as a % of Sales	Kilowatt Hours/USD	35.9%	31.8%	30.3%	29.8%	30.6%
Electricity	Kilowatt Hours*	142.7	149.0	163.0	157.0	159.0
TriMas Packaging		83.3	91.7	103.4	98.3	98.6
TriMas Aerospace		16.4	16.5	16.7	17.4	19.2
TriMas Specialty Products		42.9	40.8	42.8	41.3	41.3
Total Electrical Usage per USD of Sales	Kilowatt Hours/USD	0.197	0.193	0.190	0.178	0.178
Natural Gas	Kilowatt Hours*	114.2	93.3	93.6	104.3	112.7
TriMas Packaging		16.7	12.7	14.1	16.9	17.0
TriMas Aerospace		6.9	6.2	6.2	7.3	7.7
TriMas Specialty Products		90.6	74.4	73.4	80.0	88.0
Other <sup>(1)</sup>	Kilowatt Hours*	3.0	2.8	2.7	1.9	1.8
Total Energy Use	Kilowatt Hours*	259.9	245.1	259.3	263.2	273.5
% from Grid		54.9%	60.8%	62.9%	59.6%	58.1%
<b>Water</b>						
Total Water Withdrawn as a % of Sales	Gallons/USD	15.8%	11.8%	7.8%	9.6%	9.0%
Total Water Withdrawn	Gallons*	114.1	90.9	67.0	85.0	80.7
TriMas Packaging		44.6	38.8	27.4	22.1	18.1
TriMas Aerospace		10.0	11.1	10.0	11.4	13.3
TriMas Specialty Products		59.5	41.1	29.6	51.5	49.2
Municipal Water		86.3%	87.2%	92.6%	95.4%	95.1%
Groundwater		13.7%	12.8%	7.4%	4.6%	4.9%
<b>Greenhouse Gas (GHG) Emissions</b>						
Total Scope 1 GHG Emissions <sup>(2)</sup>	Metric Tons CO <sub>2</sub> e	21,345	17,472	17,414	19,593	20,559
TriMas Packaging		3,281	2,521	2,703	3,490	3,279
TriMas Aerospace		1,279	1,153	1,135	1,337	1,438
TriMas Specialty Products		16,785	13,798	13,576	14,765	15,842
Total Scope 2 GHG Emissions	Metric Tons CO <sub>2</sub> e	65,192	67,808	65,528	62,894	65,028
TriMas Packaging		38,308	41,926	42,331	40,856	40,727
TriMas Aerospace		4,681	4,775	4,537	4,739	5,325
TriMas Specialty Products		22,202	21,107	18,661	17,299	18,976
Total Scope 1 and 2 GHG Emissions	Metric Tons CO <sub>2</sub> e	86,537	85,280	82,943	82,487	85,587
TriMas Packaging		41,589	44,447	45,033	44,346	44,006
TriMas Aerospace		5,960	5,928	5,672	6,076	6,763
TriMas Specialty Products		38,987	34,905	32,238	32,064	34,818
<b>Air Emissions</b>						
Total NOx Emissions <sup>(3)</sup>	Tons	22.9	18.5	18.4	20.1	20.2
TriMas Packaging		5.9	4.3	4.2	4.4	3.0
TriMas Aerospace		1.5	1.3	1.2	1.4	1.8
TriMas Specialty Products		15.6	12.9	13.0	14.3	15.4
Total SOx Emissions <sup>(4)</sup>	Tons	0.3	0.3	0.2	0.3	0.2
TriMas Packaging		0.2	0.2	0.1	0.1	0.0
TriMas Aerospace		0.0	0.0	0.0	0.0	0.0
TriMas Specialty Products		0.1	0.1	0.1	0.1	0.1
Total VOC Emissions <sup>(5)</sup>	Tons	74.1	73.1	72.0	69.4	66.9
TriMas Packaging		25.2	22.0	17.3	14.9	11.2
TriMas Aerospace		3.1	4.1	2.5	3.5	1.2
TriMas Specialty Products		45.8	47.0	52.3	51.1	54.5

\* Units in Millions

<sup>(1)</sup> Other consists of LPG and diesel fuel.

<sup>(2)</sup> Includes Refrigerants, which are less than 1.3% of Scope 1 GHG Emissions.

<sup>(3)</sup> NOx emissions from combustion of fuels.

<sup>(4)</sup> SOx emissions from combustion of fuels.

<sup>(5)</sup> VOC emissions from coating operations and combustion of fuels.

TriMas is in the process of collecting and validating additional environmental metrics such as renewable energy usage, waste and greenhouse gas emissions from across its locations. The above metrics are based on management's review of third party invoices and internal consumption data.

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## Environmental Metrics

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TriMas Consolidated Net Sales	USD*	\$723.5	\$770.0	\$857.1	\$883.8	\$893.6
<b>Energy</b>						
Total Energy Usage as a % of Sales	Kilowatt Hours/USD	35.9%	31.8%	30.3%	29.8%	30.6%
Electricity	Kilowatt Hours*	142.7	149.0	163.0	157.0	159.0
North America		95.0	96.1	102.7	109.2	108.1
Europe		24.8	26.3	37.8	32.0	35.6
Asia Pacific		23.0	26.6	22.6	15.8	15.3
Total Electrical Usage per USD of Sales	Kilowatt Hours/USD	0.197	0.193	0.190	0.178	0.178
Natural Gas	Kilowatt Hours*	114.2	93.3	93.6	104.3	112.7
North America		111.6	91.3	91.2	102.5	110.5
Europe		2.6	2.0	2.5	1.8	2.2
Asia Pacific		0.0	0.0	0.0	0.0	0.0
Other <sup>(1)</sup>	Kilowatt Hours*	3.0	2.8	2.7	1.9	1.8
Total Energy Use	Kilowatt Hours*	259.9	245.1	259.3	263.2	273.5
% from Grid		54.9%	60.8%	62.9%	59.6%	58.1%
<b>Water</b>						
Total Water Withdrawn as a % of Sales	Gallons/USD	15.8%	11.8%	7.8%	9.6%	9.0%
Total Water Withdrawn	Gallons*	114.1	90.9	67.0	85.0	80.7
North America		94.2	70.5	51.3	72.0	70.2
Europe		1.4	1.1	1.8	2.0	2.6
Asia Pacific		18.6	19.4	14.0	11.0	7.9
Municipal Water		86.3%	87.2%	92.6%	95.4%	95.1%
Groundwater		13.7%	12.8%	7.4%	4.6%	4.9%
<b>Greenhouse Gas (GHG) Emissions</b>						
Total Scope 1 GHG Emissions <sup>(2)</sup>	Metric Tons CO <sub>2</sub> e	21,345	17,472	17,414	19,593	20,559
North America		20,730	16,952	16,863	18,981	19,994
Europe		480	374	452	477	394
Asia Pacific		136	146	99	135	172
Total Scope 2 GHG Emissions	Metric Tons CO <sub>2</sub> e	65,192	67,808	65,528	62,894	65,028
North America		43,169	43,240	40,653	43,777	45,876
Europe		7,752	7,906	10,223	8,842	9,423
Asia Pacific		14,271	16,662	14,652	10,275	9,728
Total Scope 1 and 2 GHG Emissions	Metric Tons CO <sub>2</sub> e	86,537	85,280	82,943	82,487	85,587
North America		63,899	60,192	57,516	62,758	65,870
Europe		8,232	8,279	10,676	9,319	9,817
Asia Pacific		14,406	16,808	14,751	10,410	9,900
<b>Air Emissions</b>						
Total NOx Emissions <sup>(3)</sup>	Tons	22.9	18.5	18.4	20.1	20.2
North America		19.5	16.0	16.2	18.3	19.7
Europe		0.8	0.6	0.6	0.3	0.4
Asia Pacific		2.6	1.9	1.6	1.5	0.2
Total SOx Emissions <sup>(4)</sup>	Tons	0.3	0.3	0.2	0.3	0.2
North America		0.1	0.1	0.1	0.2	0.2
Europe		0.0	0.0	0.0	0.0	0.0
Asia Pacific		0.2	0.1	0.1	0.1	0.0
Total VOC Emissions <sup>(5)</sup>	Tons	74.1	73.1	72.0	69.4	66.9
North America		73.8	72.9	71.9	69.3	66.9
Europe		0.1	0.0	0.0	0.0	0.0
Asia Pacific		0.2	0.2	0.1	0.1	0.0

\* Units in Millions

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