

BASF in the USA

2023 Facts & Figures

Sales

BASF Group (in million €)

2023	2022
€68,902	€87,327

BASF in USA (in million €)

2023	2022
€15,764	€20,585

Employees and society

	2023	2022
Employees (as of December 31, 2023)		
Employees BASF Group	111,991	111,481
Employees BASF in the U.S. (incl. Puerto Rico)	13,431	13,337
Donation and Sponsoring		
Total spend in million €	3.6	4.2

Focus areas

Human Resources

91

active apprentices*
at 24 U.S. sites

Sustainability

For the **1st time** feedstock from plastic waste was processed at our Port Arthur, Texas site supporting a more circular economy.

Diversity, Equity and Inclusion

28%

female representation and
27% minority representation



*Not part of the globally reported apprenticeship number in the global report, as the US apprentices are hired as full-time equivalents (FTE) during the apprenticeship.

Environmental protection, health and safety

BASF in the USA

		2023	2022
Energy demand			
Electricity consumption	MWh	2,966,744	3,216,045
Steam consumption	metric tons	15,665,154	16,334,868
Fuel consumption (central power plants and boilers)	MWh	11,604,232	10,705,890*
Emissions to air			
Greenhouse gas emissions (total): CO ₂ , N ₂ O, CH ₄ , HFC, PFC, SF ₆	metric tons of CO ₂ -equivalents	5,349,475	5,249,562
Emissions of air pollutants (without CH ₄): CO, NO _x , NMVOC, SO _x , dust, NH ₃ /other inorganics	metric tons	9,766	8,229
Water			
Emissions to water: Organic substances (COD)	metric tons	2,169	2,323
Emissions to water: Nitrogen	metric tons	632	688
Emissions to water: Heavy metals	metric tons	4.15	4.02
Emissions to water: Phosphorus	metric tons	79	103
Water supply	million cubic meters	67.3	75.1
Water used for production	million cubic meters	28.6	36.1
Water used for cooling	million cubic meters	2,185.4	2,186.5
Water supply by source			
Withdrawal of surface water	%	76	67
Withdrawal of ground water	%	16	25
Withdrawal of drinking water	%	8	8
Waste			
Total amount of waste	metric tons	531,614	513,825
Recycling rate (including thermal recovery)	%	20	20
Disposal of waste			
Through incineration	%	42	39
Landfill	%	33	41
Other disposal (including underground storage)	%	5	0
Occupational safety			
Lost-time injury rate (BASF employees, leased personnel and contractors)	per 200,000 working hours	0.13	0.15
High Severity Work Process Related Injuries (HSI)	per 200,000 working hours	0.06	N.A.
Fatalities (total)		0	0
Process safety			
Process safety incidents (PSIs)	per 200,000 working hours	0.58	0.59
High Severity Process Safety Incidents (hsPSI)	per 200,000 working hours	0.14	N.A.

*The comparative figure 2022 has been adjusted to reflect data updates.

Further information

You can find this publication at www.basf.com/us

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Verbund site Geismar, Louisiana

		2023	2022
Employees			
		1,236	1,211
Energy			
Electricity consumption	MWh	768,000	756,553
Steam consumption	metric tons	3,500,921	3,851,100
Fuel consumption	MWh	3,542,554	3,030,436
Emissions			
Greenhouse gas emissions (total): CO ₂ , N ₂ O, CH ₄ , HFC, PFC, SF ₆	metric tons of CO ₂ -equivalents	1,078,624	1,045,792
Emissions of air pollutants (without CH ₄): CO, NO _x , NMVOC, SO _x , dust, NH ₃ /other inorganics	metric tons	2,137	2,073
Water			
Emissions to water: Organic substances (COD)	metric tons	902	903
Emissions to water: Nitrogen	metric tons	204	181
Emissions to water: Heavy metals	metric tons	1.79	1.77
Emissions to water: Phosphorus	metric tons	9.34	10.58
Water supply	million cubic meters	20.76	19.34
Water used for production	million cubic meters	8.78	5.98
Water used for cooling	million cubic meters	658	636
Water supply by source			
Withdrawal of surface water	%	87	81
Withdrawal of ground water	%	13	19
Withdrawal of drinking water	%	0	0
Waste			
Total amount of waste	metric tons	64,410	58,545
Recycling rate (including thermal recovery)	%	60	63
Disposal of waste			
Through incineration	%	4	5
Landfill	%	36	32
Other disposal (including underground storage)	%	0	0
Occupational safety			
Lost-time injury rate (BASF employees, leased personnel and contractors)	per 200,000 working hours	0.07	0.12
High Severity Work Process Related Injuries (HSI)	per 200,000 working hours	0.08	N.A.
Fatalities (total)		0	0
Process safety			
Process safety incidents (PSIs)	per 200,000 working hours	1.08	0.89
High Severity Process Safety Incidents (hsPSI)	per 200,000 working hours	0.22	N.A.

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Verbund site Freeport, Texas

		2023	2022
Employees		914	911
Energy			
Electricity consumption	MWh	755,710	802,800
Steam consumption	metric tons	3,573,741	3,750,486
Fuel consumption	MWh	2,036,687	1,875,339
Emissions			
Greenhouse gas emissions (total): Co ₂ , N ₂ O, CH ₄ , HFC, PFC, SF ₆	metric tons of CO ₂ -equivalents	858,940	887,331
Emissions of air pollutants (without CH ₄): CO, NO _x , NMVOC, SO _x , dust, NH ₃ /other inorganics	metric tons	1,033	1,083
Water			
Emissions to water: Organic substances (COD)	metric tons	244	242
Emissions to water: Nitrogen	metric tons	10	177
Emissions to water: Heavy metals	metric tons	0.63	0.63
Emissions to water: Phosphorus	metric tons	10.15	10.98
Water supply	million cubic meters	8.47	8.97
Water used for production	million cubic meters	4.09	5.61
Water used for cooling	million cubic meters	476	460
Water supply by source			
Withdrawal of surface water	%	78	76
Withdrawal of ground water	%	17	23
Withdrawal of drinking water	%	5	1
Waste			
Total amount of waste	metric tons	136,333	143,884
Recycling rate (including thermal recovery)	%	21	24*
Disposal of waste			
Through incineration	%	45	43*
Landfill	%	26	26*
Other disposal (including underground storage)	%	8	13
Occupational safety			
Lost-time injury rate (BASF employees, leased personnel and contractors)	per 200,000 working hours	0.00	0.23
High Severity Work Process Related Injuries (HSI)	per 200,000 working hours	0.05	N.A.
Fatalities (total)		0	0
Process safety			
Process safety incidents (PSIs)	per 200,000 working hours	0.53	0.65
High Severity Process Safety Incidents (hsPSI)	per 200,000 working hours	0.10	N.A.

*The comparative figure 2022 has been adjusted to reflect data updates.

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