

BASF in the USA 2022 Facts & Figures

Sales

BASF Group (in million €)

2022	2021
€87,327	€78,598

BASF in USA (in million €)

2022	2021
€20,585	€18,277

Employees and society

	2022	2021
Employees (as of December 31, 2022)		
Employees BASF Group	111,481	111,047
Employees BASF in the U.S. (incl. Puerto Rico)	13,337	13,986
New hires	1,751	1,666
Donation and Sponsoring		
Total spend in €	4.2	4.6

Focus areas

Human Resources

88

active apprentices
at 28 U.S. sites

Renewable Energy

~300 MW

of renewable energy
contracted through supply
agreements in 2022

Diversity, Equity and Inclusion

28%

for both female and
minority representation



Environmental protection, health and safety

BASF in the USA

		2022	2021
Energy demand			
Electricity consumption	MWh	3,216,045	3,409,799
Steam consumption	metric tons	16,334,868	17,141,946
Fuel consumption	MWh	8,161,070	7,909,682
Emissions to air			
Greenhouse gas emissions	metric tons of CO ₂ -equivalents	5,249,562	5,201,656
Emissions of air pollutants (without CH ₄): CO, NOx, NMVOC, SOx, dust, NH ₃ /other Inorganic substances	metric tons	8,229	10,277
Water			
Emissions to water: Organic substances (COD)	metric tons	2,323	2,882
Emissions to water: Nitrogen	metric tons	688	801
Emissions to water: Heavy metals	metric tons	4.02	4.5
Emissions to water: Phosphorus	metric tons	103	197
Water supply	million cubic meters	75.1	78.5
Water used for production	million cubic meters	36.1	42.4
Water used for cooling	million cubic meters	2,186	2,205
Water supply by source			
Withdrawal of surface water	%	67	64
Withdrawal of ground water	%	25	27
Withdrawal of drinking water	%	8	9
Waste			
Total amount of waste	metric tons	513,825	586,103
Recycling rate (including thermal recovery)	%	20	19
Disposal of waste			
Through incineration	%	39	44
Landfill	%	41	30
Underground storage	%	0	7
Occupational safety			
Lost-time injury rate (BASF employees, leased personnel and contractors)	per 200,000 working hours	0.15	0.17
Fatalities (total)		0	1
Process safety			
Process safety incidents (PSIs)	per 200,000 working hours	0.59	0.60

Further information

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

Contact

Julia Arns
Phone: 201-452-5780
julia.arns@basf.com

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Verbund site Geismar, Louisiana

		2022	2021
Employees			
		1,211	1,180
Energy			
Electricity consumption	MWh	756,553	763,000
Steam consumption	metric tons	3,851,100	3,377,362
Fuel consumption	MWh	3,030,436	3,359,885
Emissions			
Greenhouse gas emissions	metric tons of CO ₂ -equivalents	1,045,792	998,932
Emissions of air pollutants (without CH ₄): CO, NO _x , NMVOC, SO _x , dust, NH ₃ /other Inorganic substances	metric tons	2,073	2,102
Water			
Emissions to water: Organic substances (COD)	metric tons	903	798
Emissions to water: Nitrogen	metric tons	181	310
Emissions to water: Heavy metals	metric tons	1.77	1.84
Emissions to water: Phosphorus	metric tons	10.58	12.56
Water supply	million cubic meters	19.34	20.18
Water used for production	million cubic meters	5.98	6.81
Water used for cooling	million cubic meters	636	636
Water supply by source			
Withdrawal of surface water	%	81	80
Withdrawal of ground water	%	19	20
Withdrawal of drinking water	%	0	0
Waste			
Total amount of waste	metric tons	58,545	63,738
Recycling rate (including thermal recovery)	%	63	59
Disposal of waste			
Through incineration	%	5	4.5
Landfill	%	32	36
Underground storage	%	0	0
Occupational safety			
Lost-time injury rate (BASF employees, leased personnel and contractors)	per 200,000 working hours	0.12	0.07
Fatalities (total)		0	1
Process safety			
Process safety incidents (PSIs)	per 200,000 working hours	0.89	0.94

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Verbund site Freeport, Texas

		2022	2021
Employees			
		911	887
Energy			
Electricity consumption	MWh	802,800	828,920
Steam consumption	metric tons	3,750,486	3,764,603
Fuel consumption	MWh	1,875,339	1,877,984
Emissions			
Greenhouse gas emissions	metric tons of CO ₂ -equivalents	887,331	837,957
Emissions of air pollutants (without CH ₄): CO, NO _x , NMVOC, SO _x , dust, NH ₃ /other Inorganic substances	metric tons	1,083	1,128
Water			
Emissions to water: Organic substances (COD)	metric tons	242	430
Emissions to water: Nitrogen	metric tons	177	145
Emissions to water: Heavy metals	metric tons	0.63	0.72
Emissions to water: Phosphorus	metric tons	10.98	17.33
Water supply	million cubic meters	8.97	8.87
Water used for production	million cubic meters	5.61	4.9
Water used for cooling	million cubic meters	460	460
Water supply by source			
Withdrawal of surface water	%	76	95
Withdrawal of ground water	%	23	5
Withdrawal of drinking water	%	1	0
Waste			
Total amount of waste	metric tons	143,884	159,834
Recycling rate (including thermal recovery)	%	22	22
Disposal of waste			
Through incineration	%	41	43
Landfill	%	24	23
Underground storage	%	13	13
Occupational safety			
Lost-time injury rate (BASF employees, leased personnel and contractors)	per 200,000 working hours	0.23	0.22
Fatalities (total)		0	0
Process safety			
Process safety incidents (PSIs)	per 200,000 working hours	0.65	0.87

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