

Ludwigshafen site 2019 in figures

Sales

BASF Group (in million €)

2019	2018
59,316	62,675

BASF SE (in million €)

2019	2018
22,185	23,587

Employees (as of December 31)

	2019	2018
BASF Group employees	117,628	122,404
Ludwigshafen site employees	39,527	39,957
Thereof employees of BASF SE	34,896	35,316
Thereof women BASF SE	21.7 %	21.6 %
Thereof shift employees BASF SE	23.4 %	23.3 %
Thereof apprentices of BASF SE	2,034	1,982
Employee age structure BASF SE		
Up to and including 25 years	10.5 %	10.1 %
Between 26 and 39 years	25.2 %	23.8 %
Between 40 and 54 years	40.9 %	42.1 %
55 years and up	23.4 %	24 %

A site on the move

Transport and production

Site area

~10 km²



Pipelines

~2,850 km



Barges (daily)

~15

Proportion of total transport volume

40 %

Total number of buildings

~2,000



Roads

~106 km



Trucks (daily)

~1,900

Proportion of total transport volume

35 %

Production plants

~200



Rails

~230 km



Rail cars (daily)

~400

Proportion of total transport volume

25 %

Production facilities

~125



Sales volume (p.a.)

~8.1 mmt



AGV* transports (daily)

~30

*Automated Guided Vehicles

Environment, health and safety



We act responsibly.

Ludwigshafen site

		2019	2018
Energy demand			
Electricity	MWh	6,176,545	6,199,584
Steam	metric tons	18,322,989	18,358,733
Fossil fuel power plants	MWh	16,364,338	16,511,504
Water			
Emissions of organic substances to water	metric tons	5,105	5,450
Emissions of nitrogen to water	metric tons	1,609	1,561
Emissions of heavy metals to water	metric tons	11	11
Water use	million cubic meters	1,351	1,326
Water used for production	million cubic meters	139	138
Water used for cooling	million cubic meters	1,883	2,034
Withdrawal of surface water	%	98.5	98.4
Withdrawal of ground water	%	1.4	1.5
Withdrawal of drinking water	%	0.1	0.1
Air			
Emissions of air pollutants (excluding CH ₄): CO, NO _x , NMVOC, SO _x , dust, NH ₃ /other inorganic substances	metric tons	7,405	7,506
Emissions of greenhouse gases: CO ₂ , N ₂ O, CH ₄ , HFC, PFC, SF ₆	million metric tons of CO ₂ equivalents	7.30	7.35
Waste			
Total waste generation	metric tons	773,328	665,898
Recycling rate (including thermal recovery)	%	45	35
Waste disposed of			
Through incineration	%	41	41
In surface landfills	%	14	24
In underground landfills	%	0.1	0.1
Occupational safety			
Lost time injury rate BASF SE + leasing employees and contractors	per 200,000 working hours	0.5	0.53
Fatalities (in total employees and contractors)		0	1

Contact to BASF in Ludwigshafen

In the web

These and other BASF publications can be found on the internet at: basf.com/publications
Further information about the Ludwigshafen site you can find at: basf.com/site-ludwigshafen

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