

# Ludwigshafen site 2022 in figures

## Sales

**BASF Group** (in million €)

2022	2021
<b>87,327</b>	<b>78,598</b>

**BASF SE** (in million €)

2022	2021
<b>30,558</b>	<b>25,041</b>

## Employees (as of December 31, 2022)

	2022	2021
BASF Group employees	111,481	111,047
Ludwigshafen site employees	39,140	38,371
Thereof employees of BASF SE	34,705	34,405
Thereof women BASF SE	22.1	21.9
Thereof shift employees BASF SE	23.3	24
Thereof apprentices of BASF SE	2,104	2,076
Employee age structure BASF SE		
Up to and including 25 years	11	11
Between 26 and 39 years	27	25
Between 40 and 54 years	37	38
55 years and up	26	25

## A site on the move

### Transport and production

Site area

**~10 km<sup>2</sup>**



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

**32%**

Production plants

**~200**



Rails

**~230 km**



Rail cars (daily)

**~400**

Proportion of total transport volume

**28%**

Production facilities

**~125**



Sales volume (p.a.)

**~7.3 mmt**



AGV\* transports (daily)

**~30**

\*Automated Guided Vehicles

# Environment, health and safety



We act responsibly.

## Ludwigshafen site

		2022	2021
<b>Energy demand</b>			
Electricity	MWh	5,314,071	5,998,140
Steam	metric tons	16,739,680	19,510,149
Fossil fuel power plants	MWh	14,000,999	17,802,367
<b>Water</b>			
Emissions of organic substances to water	metric tons	4,231	5,088
Emissions of nitrogen to water	metric tons	1,321	1,313
Emissions of heavy metals to water	metric tons	6.8	8
Emissions of phosphorus to water	metric tons	65	62
Water abstraction	million cubic meters	1,142	1,186
Water used for production	million cubic meters	126	139
Water used for cooling	million cubic meters	2,016	2,089
Withdrawal of surface water	%	98.3	98.3
Withdrawal of ground water	%	1.5	1.6
Withdrawal of drinking water	%	0.1	0.1
<b>Air</b>			
Emissions of air pollutants (excluding CH <sub>4</sub> ):			
CO, NO <sub>x</sub> , NMVOC, SO <sub>x</sub> , dust, NH <sub>3</sub> /other inorganic substances	metric tons	6,662	8,288
Emissions of greenhouse gases: CO <sub>2</sub> , N <sub>2</sub> O, CH <sub>4</sub> , HFC, PFC, SF <sub>6</sub>	million metric tons of CO <sub>2</sub> equivalents	6.27	7.20
<b>Waste</b>			
Total waste generation	metric tons	711,871	777,130
Recycling rate (including thermal recovery)	%	43	47
Waste disposed of			
Through incineration	%	41	38
In surface landfills	%	16	15
In underground landfills	%	0.2	0.1
<b>Occupational safety</b>			
Lost time injury rate BASF SE incl. leasing employees and contractors	per 200,000 working hours	0.54	0.59
Fatalities (in total employees and contractors)		0	0
Process safety incidents	per 200,000 working hours	0.4	0.5

## Contact to BASF in Ludwigshafen

### In the web

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Further information about the Ludwigshafen site you can find at: [basf.com/site-ludwigshafen](https://basf.com/site-ludwigshafen)

### General inquiries

E-Mail: [standortaktuell@basf.com](mailto:standortaktuell@basf.com)

### Social Media



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67056 Ludwigshafen