

STATISTICS OVERVIEW

	Unit	Austria	Belarus	Bulgaria	China	Croatia	Czech Rep.	Denmark	Estonia	Finland	France	Germany	Hungary	Iceland	Italy	Japan	Korea	Kosovo	Latvia	Lithuania	Netherlands	Norway	Poland	Romania	Serbia	Slovakia	Slovenia	Sweden	Switzerland	United Kingdom	
TOP District Heating and Cooling Indicators 2013																															
Energy supply composition for District Heat generated																															
Recycled heat ¹	%	58%		68%		74%	74%	54%	37%	76%	21%	87%	68%	24%	61%				78%	53%	79%	12%	55%	98%	4.8%	75%	87%	67%	53%		
Direct Renewables ²	%	23%					2%	46%	15%	9%	39%	1%	2%	76%	16%				12%	20%	1%	61%	6%	2%	0.4%	3%	2%	28%	31%		
Other ³	%	18%		32%		26%	24%	0.2%	48%	16%	40%	12%	30%		23%				10%	27%	20%	27%	38%		94.8%	22%	10%	5%	16%		
Total District Heat sales in 2013	TJ	80,747		18,002	3,197,032	9,678	89,417	105,563	23,025	114,160	86,112	254,839	30,967	28,181	33,119	22,902	172,160	317	21,464	27,100	26,100	16,920	248,693		22,983	82,726	7,744	175,972	17,890		
Total District Heat sales in 2009	TJ	63,074		20,088	2,631,880	9,550	93,114	99,568	24,724	116,690	89,719	284,386	40,859	25,271	23,559	22,997	201,389		22,022	27,899	25,300	13,360	272,801		20,870	94,240	7,613	182,970	16,060		
Annual District Heat sales turnover 2013	MEuro	1,466		207			1,711	2,945	354.6	1,861	1,634	5,701	508.21	145		1,103			343.42	544.98		306.3	3,083		478	1,905	102.69	2,801	271.46	437.5	
Annual District Heat sales turnover 2009	MEuro	1,068		223			1,596	2,492	310.3	1,494	1,500	5,383		84		1,108	2,445		305.89	491.02		277.9	2,617		303	1,824	78.94	2,589	233.68		
Percentage of citizens served by District Heating	%	24%	70%	18%		10%	38%	63%	62%	50%	7%	12%	15%	92%	6%		15%		65%	57%	4%	1.00%	53%	23%	27%	35%	15%	52%	4%	2%	
Trench length of District Heating pipeline system 2013	km	4,918		1,566	178,136	410	7,738	29,000	1,450	13,850	3,725	20,219	2,158		3,807	672			1,700	2,565	4,000	1,686	20,139		2,085	4,984	753	23,667	1,432	361	
Trench length of District Heating pipeline system 2009	km	4,049		1,520	124,807	460	7,554	28,000	1,447	12,200	3,321	19,538	2,285		2,404	736	2,037		1,800	2,535	3,800	1,100	19,286		1,970		705	19,528	940		
Number of District Heating systems				13		110	666	394	230	400	501	3,372 (plants)	214	48	200	139	111		68	357	400	261	317	70	57	2,350	63		153	2,000	
Total installed District Heating capacity	MWth	10,300		6,162	462,595	1,800	22,958		5,406	23,270	21,230	49,691	8,377	2,290	8,056	4,241	29,961	213	3,639	9,920	5,850	3,330	56,521	10,480	6,652	15,793	2,276		2,466	335	
Total investment in District Heating	MEuro	212.1			2,377		290	500					6.63							53		155	668.22		50						
District heated floor space	Mm ²	66		38	5,717		145		31	277				15	112	51	193		27	35.3	41		506	52	41	49	8	308	18.7		
Total heat demand for domestic space heating	TJ	205,030		70,000		38,686	172,070	131,187		198,500	1,050,000	1,664,400 (2012)			741,763					25,500	270,000		431,853		90,000		29,523	289,080	182,400		
Total share of CHP in national electricity production	%	16%	47.5%	9%	20%	17%	13%	66%	16%	34%	4%	16%			48%		5%		49%	66%		0.5%	19%	7%		27%	32%	9%	2.8%	5.8%	
Total share of CHP in District Heating generation	%	58%		68%	47%	78%	75%	73%	37%	73%	23%	81%			68%		67%		73%	56%		1.5%	57%	90%		31%	77%	41%	52.8%	80%	
CHP heat autoproduction	TJ			23,500		10,077				157,210			8,686		867,311		163,276		644			10,365	109,760					20,304			
Average energy use of buildings per m ²	kWh/m ²				13.5 kgce	148	136		200	125		171	182 MJ/m ³		106					210		130		275	150			139			
District Cooling																															
District Cooling capacity 2013	MWth	75								204	669	153	10		182							145	43				1				
District Cooling capacity 2009	MWth	28								117	630	176			153		167					90	7				1				
District Cooling sales 2013	TJ	265								609	3,168	588	6.5		366								251				0.255	3,416			
District Cooling sales 2009	TJ	88								285	3,330	675	2.2		461		1,258						46				0.255	2,984			
Trench length of District Cooling pipeline system 2013	km	11.2								96	158	51			67							55	20				0.6	506			
Trench length of District Cooling pipeline system 2009	km	6								58	131	56			58		20					50	14				0.6	311			

1 'Recycled heat' includes surplus heat from electricity production (CHP), Waste-to-Energy cogeneration plants and industrial processes independently of the fuel used (renewables or fossil) for the primary process. Two-thirds of the energy delivered by heat pumps is also considered as recycled heat.

2 'Direct renewables' covers the use of renewable energy in heat-only boilers and installations other than CHP.

3 'Other' covers heat-only boilers, electricity and one-third of the heat originating from heat pumps.