

Emissionen von direkten und indirekten Treibhausgasen und von Schwefeldioxid

Direkt wirkende Treibhausgase		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CO ₂ *	Tsd. t	1.054.796	1.016.930	969.465	959.385	943.227	939.933	959.689	931.507	923.498	895.441	898.974	915.254	898.833	899.538	883.451	866.910	884.925	845.672	851.006	789.245	829.787	805.771	814.787	834.504	794.688	798.771	800.432	788.561	758.195	709.773	646.683	679.946	670.017	591.373	573.925	573.545
CH ₄	Tsd. t CO ₂ -Äq.	133.690	127.417	123.512	124.408	119.596	116.975	113.908	108.703	102.921	101.719	97.140	93.016	88.315	84.315	77.523	73.593	69.191	66.651	65.239	62.376	60.995	59.397	59.734	58.788	57.265	56.674	54.945	54.089	51.836	49.006	47.775	46.671	45.584	44.931	44.120	43.987
N ₂ O	Tsd. t CO ₂ -Äq.	52.317	50.155	52.618	49.679	52.541	50.473	51.385	49.133	37.625	34.134	34.177	35.351	36.016	33.663	36.264	34.837	34.349	37.531	35.045	35.633	28.785	28.560	28.295	29.124	29.067	28.544	29.077	29.133	26.573	26.513	25.349	25.656	24.095	24.240	22.857	22.600
F-Gase	Tsd. t CO ₂ -Äq.	12.326	11.892	12.384	15.011	15.452	16.025	15.221	15.444	15.944	14.251	12.715	13.474	13.507	13.035	13.451	13.619	13.545	13.668	13.646	14.042	13.695	13.901	14.143	14.209	14.228	14.633	14.593	14.517	13.553	12.729	11.186	10.528	9.603	9.069	8.903	8.770
Gesamt	Tsd. t CO₂-Äq.	1.253.129	1.206.393	1.157.978	1.148.484	1.130.816	1.123.406	1.140.203	1.104.787	1.079.988	1.045.544	1.043.006	1.057.095	1.036.671	1.030.551	1.010.689	988.959	1.002.011	963.522	964.936	901.296	933.262	907.628	916.959	936.625	895.247	898.622	899.047	886.299	850.157	798.021	730.993	762.801	749.299	669.613	649.806	648.903
1990=100 %	% von 1990	100,0%	96,3%	92,4%	91,6%	90,2%	89,6%	91,0%	88,2%	86,2%	83,4%	83,2%	84,4%	82,7%	82,2%	80,7%	78,9%	80,0%	76,9%	77,0%	71,9%	74,5%	72,4%	73,2%	74,7%	71,4%	71,7%	71,7%	70,7%	67,8%	63,7%	58,3%	60,9%	59,8%	53,4%	51,9%	51,8%
Veränderung gegenüber 1990	%	0,0%	-3,7%	-7,6%	-8,4%	-9,8%	-10,4%	-9,0%	-11,8%	-13,8%	-16,6%	-16,8%	-15,6%	-17,3%	-17,8%	-19,3%	-21,1%	-20,0%	-23,1%	-23,0%	-28,1%	-25,5%	-27,6%	-26,8%	-25,3%	-28,6%	-28,3%	-28,3%	-29,3%	-32,2%	-36,3%	-41,7%	-39,1%	-40,2%	-46,6%	-48,1%	-48,2%
Indirekt wirkende Treibhausgase		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
NO (als NO ₂)	Tsd. t	2.850	2.622	2.466	2.363	2.233	2.173	2.090	2.014	1.984	1.948	1.871	1.816	1.757	1.714	1.670	1.634	1.681	1.593	1.543	1.452	1.468	1.445	1.447	1.448	1.406	1.381	1.343	1.286	1.201	1.115	983	969	928	841	809	
NMVOG	Tsd. t	3.942	3.419	3.095	2.905	2.493	2.361	2.262	2.202	2.144	1.980	1.813	1.719	1.626	1.548	1.543	1.497	1.500	1.428	1.366	1.247	1.367	1.273	1.259	1.213	1.174	1.140	1.134	1.137	1.091	1.062	1.032	1.052	1.044	968	953	
CO	Tsd. t	13.319	11.048	9.532	8.623	7.590	7.187	6.615	6.368	5.852	5.435	5.096	4.898	4.597	4.256	4.048	3.825	3.827	3.702	3.661	3.128	3.461	3.333	3.246	3.224	3.058	3.033	2.923	2.938	2.838	2.751	2.428	2.551	2.507	2.340	2.322	
Aerosolbildner		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
SO ₂	Tsd. t	5.461	3.965	3.237	2.902	2.416	1.743	1.476	1.226	978	798	643	622	559	528	486	468	470	447	444	389	397	374	371	361	337	341	316	307	294	258	239	249	247	210	199	

* CO₂-Emissionen ohne Landnutzung, Landnutzungsänderung und Forstwirtschaft