

3.2.1 Energy balance (total and detailed information)

	1980	1990	1995	2000	2005	2010	2013	2014	2015	2016
	Terajoule									
Total energy Balance										
Indigenous primary production	332,805	340,917	368,154	412,206	409,053	496,940	521,330	512,342	511,052	526,082
Imports	735,861	775,747	835,881	925,937	1,237,429	1,257,043	1,197,805	1,180,242	1,260,137	1,331,493
Total supply	1,068,666	1,116,664	1,204,035	1,338,143	1,646,481	1,753,983	1,719,135	1,692,584	1,771,188	1,857,575
Stock changes	-45,165	-13,479	12,081	11,585	-4,141	35,842	34,428	-40,783	46,909	15,981
Exports	33,492	50,996	76,349	125,265	206,440	342,857	321,368	269,694	402,768	438,180
Gross domestic consumption	990,009	1,052,189	1,139,767	1,224,463	1,435,901	1,446,967	1,432,195	1,382,107	1,415,328	1,435,376
Transformation input	771,565	773,833	810,321	803,664	886,104	877,698	888,510	862,355	884,385	866,373
Transformation output	675,865	668,829	700,779	711,361	771,206	765,323	795,559	775,092	788,439	776,400
Non-energy use	88,319	64,626	55,569	72,031	73,892	81,861	76,023	84,923	81,091	85,337
Own use ¹	104,558	118,635	127,443	123,000	146,239	142,836	154,195	152,502	147,336	139,024
Final energy consumption	701,433	763,924	847,213	937,129	1,100,872	1,109,895	1,109,027	1,057,418	1,090,956	1,121,042
Coal										
Indigenous production	35,243	26,694	14,165	12,268	4	4	4	4	4	0
Imports	116,932	132,896	110,042	128,723	167,200	141,559	129,499	127,050	118,133	120,261
Total supply	152,175	159,590	124,207	140,991	167,204	141,564	129,503	127,054	118,137	120,261
Stock changes	2,376	11,985	21,086	11,975	-1,321	322	7,830	-1,312	18,043	5,661
Exports	346	70	74	41	251	197	52	26	307	1
Gross domestic consumption	154,205	171,505	145,219	152,924	165,633	141,689	137,281	125,716	135,874	125,920
Transformation input	119,319	158,575	133,956	141,425	165,941	147,651	144,254	132,506	132,397	122,342
Transformation output	78,321	82,369	75,045	73,390	83,615	83,528	84,929	83,497	82,308	81,621
Non-energy use	29,057	429	333	450	496	605	677	609	895	987
Own use ¹	20,601	44,113	47,965	51,570	58,225	57,109	58,737	58,311	67,421	66,586
Final consumption	63,549	50,757	38,011	32,870	24,585	19,852	18,542	17,787	17,467	17,626
Oil										
Indigenous production	63,718	50,577	45,802	45,693	39,767	47,612	37,076	41,475	37,174	33,661
Imports	493,942	425,876	466,378	519,718	647,439	581,850	580,711	567,886	587,659	583,424
Total supply	557,660	476,453	512,180	565,411	687,205	629,462	617,787	609,361	624,834	617,085
Stock changes	-40,362	-9,865	3,096	10,905	14,226	9,444	1,787	1,243	-7,187	8,503
Exports	6,811	22,722	37,727	63,208	90,650	90,349	104,195	102,685	109,778	105,893
Gross domestic consumption	510,487	443,866	477,548	513,109	610,781	548,557	515,379	507,919	507,869	519,696
Transformation input	504,685	414,438	422,232	400,365	418,965	366,395	392,532	389,804	402,667	381,021
Transformation output	431,369	379,637	387,985	374,768	396,039	343,930	378,276	377,742	387,784	363,425
Non-energy use	37,529	49,284	44,719	58,306	60,162	65,477	62,919	70,333	66,774	70,230
Own use	39,558	32,206	33,678	27,628	31,564	26,382	22,751	22,861	13,212	6,813
Final consumption	360,085	327,575	364,905	401,577	496,129	434,233	415,454	402,663	413,000	425,056

Gas										
Indigenous production	70,610	46,376	53,336	64,826	55,720	58,495	49,828	45,427	43,437	40,804
Imports	112,380	187,917	229,114	222,784	336,440	426,644	357,004	348,073	408,983	496,476
Total supply	182,990	234,293	282,450	287,610	392,160	485,139	406,832	393,500	452,419	537,280
Stock changes	-7,179	-15,054	-12,291	-11,295	-16,630	25,561	24,924	-40,759	35,621	1,954
Exports	0	0	576	633	37,000	170,608	136,145	82,909	200,110	238,543
Gross domestic consumption	175,811	219,239	269,583	275,681	338,530	340,091	295,610	269,832	287,931	300,691
Transformation input	37,986	74,710	95,817	83,291	115,175	113,787	72,337	61,020	76,324	81,968
Transformation output	1,236	912	9	0	0	0	0	0	0	0
Non-energy use	21,733	14,913	10,518	13,275	13,233	15,779	12,427	13,981	13,421	14,120
Own use ¹	22,634	16,153	18,645	11,640	17,089	12,159	19,497	18,370	13,049	12,288
Final consumption	94,694	114,375	144,612	167,475	193,033	198,367	191,350	176,461	185,137	192,315
Regenerate Energy										
Indigenous production	58,438	103,838	121,403	138,559	175,151	244,971	269,449	261,126	276,237	285,384
Imports	1,217	4,438	4,113	4,945	13,071	35,318	40,737	41,072	39,561	36,414
Total supply	59,655	108,276	125,516	143,504	188,222	280,289	310,186	302,198	315,798	321,798
Stock changes	0	-545	190	0	-416	515	-112	46	431	-137
Exports	652	1,933	2,846	6,691	14,704	18,803	17,296	21,300	22,994	24,599
Gross domestic consumption	59,003	105,798	122,860	136,813	173,102	262,000	292,778	280,943	293,235	297,062
Transformation input	4,779	12,668	24,813	27,674	47,612	104,008	114,414	114,717	118,799	114,808
Transformation output	0	0	0	32	1,014	9,767	10,701	11,189	11,636	10,225
Own use	0	0	0	0	0	2,325	1,796	2,019	1,866	1,818
Final consumption	54,224	93,130	98,047	109,172	126,504	165,434	187,269	175,395	184,207	190,661
District heating										
Transformation output	15,434	28,446	39,244	47,692	59,085	83,538	89,110	80,859	84,364	86,152
Own use ¹	1,587	2,810	3,729	4,993	4,751	7,171	13,379	12,857	13,041	13,434
Final consumption	13,847	25,636	35,515	42,699	54,333	76,367	75,732	68,001	71,322	72,718
Electricity (incl. Hydropower, Wind and Photovoltaic)										
Indigenous production	104,796	113,432	133,448	150,860	138,411	145,858	164,973	164,309	154,199	166,234
Imports	11,390	24,620	26,234	49,767	73,280	71,671	89,854	96,162	105,801	94,918
Total supply	116,186	138,052	159,682	200,627	211,690	217,529	254,827	260,471	260,000	261,152
Stock changes	.	.	.	.	.	.	.	.	.	.
Exports	25,683	26,271	35,125	54,691	63,835	62,899	63,681	62,773	69,580	69,145
Gross domestic consumption	90,503	111,781	124,557	145,935	147,855	154,630	191,147	197,698	190,420	192,007
Transformation input	104,796	113,442	133,503	150,909	138,411	145,858	164,973	164,309	154,199	166,234
Transformation output	149,505	177,466	198,496	215,478	231,453	244,559	232,542	221,805	222,348	234,977
Own use ¹	20,178	23,353	23,427	27,169	34,610	37,690	38,036	38,083	38,746	38,085
Final consumption	115,034	152,452	166,123	183,336	206,287	215,641	220,680	217,111	219,823	222,665

Source: Statistics Austria, Energy Balances; WDS - WIFO Data System, Macrobond. – 1 Incl. transport losses and measurement differences.

Last update: 30 November 2017

Contact: Dietmar.Weinberger@wifo.ac.at

© WIFO 2018 – Austrian Institute of Economic Research www.wifo.ac.at