

3.2.1 Energy balance (total and detailed information)

	1980	1990	1995	2000	2005	2010	2012	2013	2014	2015
	Terajoule									
Total energy Balance										
Indigenous primary production	332,805	340,917	368,151	412,206	410,365	504,624	527,197	516,251	508,572	507,801
Imports	735,861	775,746	835,880	925,937	1,238,867	1,257,043	1,315,952	1,197,813	1,179,773	1,244,296
Total supply	1,068,666	1,116,662	1,204,031	1,338,143	1,647,725	1,761,646	1,843,088	1,720,344	1,444,547	1,512,967
Stock changes	-45,165	-13,480	12,080	11,585	-2,030	35,552	-31,491	32,054	-44,244	45,930
Exports	33,492	50,994	76,348	125,265	208,054	342,857	413,827	321,368	269,693	388,530
Gross domestic consumption	990,009	1,052,188	1,139,762	1,224,463	1,439,149	1,454,362	1,397,831	1,424,749	1,374,407	1,409,496
Transformation input	771,565	773,830	812,771	803,664	885,585	877,690	902,547	885,786	860,329	884,535
Transformation output	675,865	668,734	700,779	711,361	770,582	765,545	800,718	794,764	774,032	787,870
Non-energy use	93,592	69,397	61,631	72,031	73,892	81,861	76,546	76,023	84,913	80,837
Own use ¹	99,285	113,768	118,927	123,000	148,161	143,051	145,960	148,410	147,588	144,933
Final energy consumption	701,433	763,926	847,212	937,129	1,102,093	1,117,306	1,073,496	1,109,294	1,055,610	1,087,062
Coal										
Indigenous production	35,243	26,694	14,165	12,268	4	4	4	4	4	4
Imports	116,932	132,896	110,042	128,723	166,968	141,559	139,385	129,507	126,580	116,344
Total supply	152,175	159,590	124,207	140,991	166,973	141,564	139,390	129,511	126,585	116,348
Stock changes	2,376	11,984	21,085	11,975	790	332	-4,052	7,830	-1,091	19,662
Exports	346	69	74	41	251	197	73	52	26	307
Gross domestic consumption	154,205	171,505	145,218	152,924	167,511	141,699	135,264	137,289	125,468	135,702
Transformation input	119,319	158,575	136,409	141,425	165,799	147,651	141,668	144,254	132,506	132,398
Transformation output	78,321	82,369	75,045	73,390	83,069	83,528	81,809	84,929	83,497	82,308
Non-energy use	29,057	429	333	450	496	605	626	677	600	600
Own use ¹	20,601	44,113	45,510	51,570	59,218	57,109	56,399	58,737	58,122	67,167
Final consumption	63,549	50,757	38,011	32,870	25,066	19,862	18,381	18,550	17,737	17,845
Oil										
Indigenous production	63,718	50,577	45,802	45,693	39,767	47,612	39,053	37,076	41,475	37,174
Imports	493,942	425,875	466,377	519,718	647,439	581,850	566,315	580,711	567,886	587,659
Total supply	557,660	476,452	512,179	565,411	687,205	629,462	605,369	617,787	609,361	624,834
Stock changes	-40,362	-9,865	3,096	10,905	14,226	9,444	-269	1,787	1,243	-6,926
Exports	6,811	22,722	37,727	63,208	90,650	90,349	101,291	104,195	102,685	109,778
Gross domestic consumption	510,487	443,865	477,547	513,109	610,781	548,557	503,809	515,379	507,919	508,131
Transformation input	504,685	414,435	422,231	400,365	418,965	366,395	387,731	392,484	389,764	402,638
Transformation output	431,369	379,637	387,985	374,768	396,039	343,930	375,457	378,276	377,742	387,784
Non-energy use	42,802	54,055	50,781	58,306	60,162	65,477	62,715	62,919	70,331	66,815
Own use	34,285	27,435	27,616	27,628	31,564	26,382	22,687	22,782	22,856	13,421
Final consumption	360,085	327,577	364,905	401,577	496,129	434,233	406,133	415,471	402,711	413,041

Gas										
Indigenous production	70,610	46,376	53,336	64,826	55,720	58,495	61,946	49,828	45,427	43,437
Imports	112,380	187,917	229,114	222,784	336,440	426,644	487,015	357,004	348,073	394,846
Total supply	182,990	234,293	282,450	287,610	392,160	485,139	548,961	406,832	393,500	438,283
Stock changes	-7,179	-15,054	-12,291	-11,295	-16,630	25,561	-22,978	24,924	-40,759	35,621
Exports	0	0	576	633	37,000	170,608	219,233	136,145	82,909	185,974
Gross domestic consumption	175,811	219,239	269,583	275,681	338,530	340,091	306,750	295,610	269,832	287,931
Transformation input	37,986	74,710	95,817	83,291	115,175	113,787	89,054	72,730	61,527	76,853
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	13,206	12,427	13,981	13,421
Own use ¹	22,634	16,153	18,645	11,640	17,089	12,159	17,616	19,497	18,370	15,593
Final consumption	94,694	114,375	144,612	167,475	193,033	198,367	186,874	190,956	175,953	182,063
Regenerate Energy										
Indigenous production	58,438	103,838	121,403	138,559	176,463	252,655	258,415	264,379	257,358	272,984
Imports	1,217	4,438	4,113	4,945	14,741	35,318	38,889	40,737	41,072	39,719
Total supply	59,655	108,275	125,516	143,504	191,205	287,973	297,304	305,115	298,430	312,704
Stock changes	0	-545	190	0	-416	215	-4,191	-2,486	-3,637	-2,427
Exports	652	1,933	2,846	6,691	16,317	18,803	18,974	17,296	21,300	22,953
Gross domestic consumption	59,003	105,798	122,860	136,813	174,472	269,385	274,140	285,333	273,492	287,323
Transformation input	4,779	12,668	24,813	27,674	47,234	104,000	116,315	111,353	112,226	118,446
Transformation output	0	0	0	32	1,014	9,767	11,581	10,701	11,189	11,636
Own use	0	0	0	0	223	2,324	2,137	1,794	2,019	1,865
Final consumption	54,224	93,130	98,047	109,172	128,029	172,828	167,269	182,886	170,437	178,648
District heating										
Transformation output	15,434	28,446	39,244	47,692	59,007	83,761	84,505	88,314	79,799	83,791
Own use ¹	1,587	2,810	3,729	4,993	5,253	7,189	7,299	7,653	6,888	7,255
Final consumption	13,847	25,636	35,515	42,699	53,754	76,572	77,206	80,662	72,911	76,537
Electricity (incl. Hydropower, Wind and Photovoltaic)										
Indigenous production	104,796	113,432	133,445	150,860	138,411	145,858	167,778	164,965	164,307	154,201
Imports	11,390	24,620	26,233	49,767	73,280	71,671	84,347	89,854	96,162	105,728
Total supply	116,186	138,052	159,678	200,627	210,183	217,509	252,064	261,099	16,672	20,799
Stock changes	.	.	.	.	.	.	.	.	.	.
Exports	25,683	26,270	35,125	54,691	63,835	62,899	74,256	63,681	62,773	69,519
Gross domestic consumption	90,503	111,782	124,553	145,935	147,855	154,630	177,869	191,138	197,696	190,410
Transformation input	104,796	113,442	133,500	150,909	138,411	145,858	167,778	164,965	164,307	154,201
Transformation output	149,505	177,370	198,496	215,478	231,453	244,559	247,365	232,542	221,805	222,351
Own use ¹	20,178	23,257	23,427	27,169	34,814	37,887	39,823	37,947	39,333	39,632
Final consumption	115,034	152,453	166,122	183,336	206,083	215,444	217,633	220,769	215,861	218,928

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

Last update: 05 December 2016

Contact: Dietmar.Weinberger@wifo.ac.at

© WIFO 2017 – Austrian Institute of Economic Research www.wifo.ac.at