

Ireland's Energy Balance 2005

2005	Units = ktoe	NACE	COAL	Bituminous Coal	Anthracite + Manuf Ovoids	Coke	Lignite	PEAT	Milled Peat	Sod Peat	BRIQUETTES	OIL	Crude	Refinery Gas	Gasoline	Kerosene	JET Kerosene	Fueloil	LPG	Gasoil / Diesel /DERV	Petroleum Coke	Naphta	
Indigenous Production			0	0				810	627	183		0											
Imports			1,884	1,822	37	25	0	0				10,690	3,346		1,251	378	1,178	1,098	123	2,637	312	0	
Exports			4	0	4	0	0	10			10	1,361			181	5	0	1,013	23	44	0	17	
Mar. Bunkers			0					0				106						24		83			
Stock Change			-47	-44	-3	-0	-24	-30	0	5	28	39			87	8	21	26	-3	-149	0	-1	
Primary Energy Supply (incl non-energy)			1,832	1,777	31	0	24	776	597	183	-5	9,250	3,385	0	1,158	381	1,199	87	97	2,361	312	-18	
Primary Energy Requirement (excl. non-energy)			1,832	1,777	31	0	24	776	597	183	-5	8,960	3,385	0	1,158	381	1,199	87	97	2,361	312	-18	
Transformation Input			1,416	1,416	0	0	610	610	0	0	0	4,164	3,384	8	0	0	0	697	0	75	0	0	
Public Thermal Power Plants			1,410	1,410			504	504	0			766						697		68			
Combined Heat and Power Plants			6	6			7	7	0			8		8				0	0	0			
Pumped Storage Consumption																							
Briquetting Plants			0				99	99				0											
Oil Refineries & other energy sector			0				0	0				3,390	3,384							6			
Transformation Output			0	0	0	0	95	0	0	95	95	3,155	0	100	714	263	0	893	63	1,117	0	5	
Public Thermal Power Plants			0				0	0				0											
Combined Heat and Power Plants - Electricity			0				0	0				0											
Combined Heat and Power Plants - Heat																							
Pumped Storage Generation																							
Briquetting Plants							95	95			95	0											
Oil Refineries							0	0				3,155	100	714	263	0	893	63	1,117			5	
Exchanges and transfers			18	-11	29	0	0	0	0	0	0	-17	0	0	1	317	-316	13	0	-13	-18	0	
Electricity																							
Heat																							
Other			18	-11	29	0	0	0	0	0	0	-17	0	0	1	317	-316	13	0	-13	-18	0	
Own Use and Distribution Losses			0	0	0	0	15	15	0	0	0	137	92	0	0	0	0	31	8	6	0	0	
Available Final Energy Consumption			434	350	60	0	24	247	-27	183	91	8,087	1	0	1,872	961	883	265	152	3,383	293	-13	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	290	0	0	0	0	0	0	0	0	0	0	
Final non-Energy Consumption (Feedstocks)			0	0	0	0	0	0	0	0	0	290	0	0	0	0	0	0	0	0	0	0	
Total Final Energy Consumption			435	351	60	0	24	274	0	183	91	8,144	0	0	1,821	917	857	480	146	3,643	278	1	
Industry*			163	163	0	0	0	0	0	0	0	1,075	0	0	0	125	0	453	62	191	243	1	
Non-Energy Mining	13-14		0	0	0	0	0	0	0	0	0	45	0	0	0	1	0	5	0	38	0	0	
Food, beverages and tobacco	15 - 16		16	16	0	0	0	0	0	0	0	124	0	0	0	16	0	59	4	45	0	0	
Textiles and textile products	17 - 18		8	8	0	0	0	0	0	0	0	10	0	0	1	1	0	3	1	5	0	0	
Wood and wood products	20		0	0	0	0	0	0	0	0	0	13	0	0	2	2	0	6	0	5	0	0	
Pulp, paper, publishing and printing	21 - 22		0	0	0	0	0	0	0	0	0	8	0	0	1	1	0	3	1	3	0	0	
Chemicals & man-made fibres	24		0	0	0	0	0	0	0	0	0	48	0	0	7	7	0	24	1	16	0	0	
Rubber and plastic products	25		0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	1	0	5	0	0	
Other non-metallic mineral products	26		139	139	0	0	0	0	0	0	0	299	0	0	3	3	0	10	3	40	243	0	
Basic metals and fabricated metal products	27 - 28		0	0	0	0	0	0	0	0	0	426	0	0	90	90	0	327	2	7	0	0	
Machinery and equipment n.e.c.	29		0	0	0	0	0	0	0	0	0	8	0	0	1	1	0	2	2	3	0	0	
Electrical and optical equipment	30 - 33		0	0	0	0	0	0	0	0	0	67	0	0	2	2	0	6	47	13	0	0	
Transport equipment manufacture	34 - 35		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	2	0	0	
Other manufacturing	36 - 37, 19		0	0	0	0	0	0	0	0	0	18	0	0	2	2	0	7	1	7	0	1	
Transport			0	0	0	0	0	0	0	0	0	5,069	0	0	1,821	0	857	17	5	2,369	0	0	
Road Freight			0	0	0	0	0	0	0	0	0	1,218	0	0	0	0	0	0	0	1,218	0	0	
Road Private Car			0	0	0	0	0	0	0	0	0	1,911	0	0	1,521	0	0	0	5	385	0	0	
Public Passenger Services			0	0	0	0	0	0	0	0	0	131	0	0	26	0	0	0	0	105	0	0	
Rail			0	0	0	0	0	0	0	0	0	52	0	0	0	0	0	0	0	52	0	0	
Domestic Aviation			0	0	0	0	0	0	0	0	0	43	0	0	0	0	43	0	0	0	0	0	
International Aviation			0	0	0	0	0	0	0	0	0	814	0	0	0	0	814	0	0	0	0	0	
Fuel Tourism			0	0	0	0	0	0	0	0	0	763	0	0	182	0	0	0	0	581	0	0	
Unspecified			0	0	0	0	0	0	0	0	0	137	0	0	91	0	0	17	0	29	0	0	
Residential			246	163	59	0	24	273	0	183	90	1,144	0	0	0	793	0	0	70	246	35	0	
Commercial/Public Services			26	24	1	0	1	0	0	0	0	587	0	0	0	0	0	10	10	567	0	0	
Commercial Services			26	24	1	0	1	0	0	0	0	383	0	0	0	0	0	1	8	374	0	0	
Public Services			0	0	0	0	0	0	0	0	0	204	0	0	0	0	0	9	3	192	0	0	
Agricultural			0	0	0	0	0	0	0	0	0	270	0	0	0	0	0	0	0	270	0	0	
Statistical Difference			-2	-1	-0	0	0	-26	-27	1	0	-347	1	0	51	43	25	-215	6	-260	16	-14	

* Industry sub-sectoral breakdown is based on the CIP 2004.

Last Updated : 16/11/2006

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2005	Units = ktoe	NACE	Bitumen	White Spirit	Lubricants	NATURAL GAS	RENEWABLES	HYDRO	Wind	Biomass	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	ELECTRICITY	Heat	TOTAL
Indigenous Production						462	392	54	96	206	25	9	1	0	0			1,663
Imports			238	120	10	3,016	0									176		15,765
Exports			0	71	6	0	0									0		1,376
Mar. Bunkers							0											106
Stock Change			0	0	0	0	-0						-0					-43
Primary Energy Supply (incl non-energy)			238	48	4	3,477	391	54	96	206	25	9	1	0	0	176	0	15,903
Primary Energy Requirement (excl. non-energy)			0	0	0	3,477	391	54	96	206	25	9	1	0	0	176	0	15,613
Transformation Input			0	0	0	2,044	30	0	0	2	25	2	0	0	0	60	0	8,323
Public Thermal Power Plants						1,958	25				25							4,663
Combined Heat and Power Plants						85	5			2		2						111
Pumped Storage Consumption																46		46
Briquetting Plants							0											99
Oil Refineries & other energy sector							0									14		3,404
Transformation Output			0	0	0	0	11	0	0	1	9	1	0	0	0	2,073	0	5,335
Public Thermal Power Plants							9				9					1,991		2,000
Combined Heat and Power Plants - Electricity							2			1		1				53		55
Combined Heat and Power Plants - Heat							0											0
Pumped Storage Generation																30		30
Briquetting Plants							0											95
Oil Refineries							0											3,155
Exchanges and transfers			0	0	0	0	-161	-54	-96	-1	-9	-1	0	0	0	161	0	1
Electricity							-161	-54	-96	-1	-9	-1				161		0
Heat																		0
Other							0											1
Own Use and Distribution Losses						72	0									280		503
Available Final Energy Consumption			238	48	4	1,361	212	0	0	203	0	7	1	0	0	2,071	0	12,412
Non-Energy Consumption			238	48	4	0	0	0	0	0	0	0	0	0	0	0	0	290
Final non-Energy Consumption (Feedstocks)			238	48	4	0	0	0	0	0	0	0	0	0	0	0	0	290
Total Final Energy Consumption			0	0	0	1,340	211	0	0	203	0	7	1	0	0	2,094	0	12,499
Industry*			0	0	0	428	163	0	0	159	0	4	0	0	0	660	0	2,490
Non-Energy Mining	13-14					32	0									54		131
Food, beverages and tobacco	15 - 16					152	54			50		4				162		508
Textiles and textile products	17 - 18					1	0									8		27
Wood and wood products	20					3	109			109						28		154
Pulp, paper, publishing and printing	21 - 22					20	0									30		58
Chemicals & man-made fibres	24					107	0									97		252
Rubber and plastic products	25					8	0									30		45
Other non-metallic mineral products	26					48	0									52		538
Basic metals and fabricated metal products	27 - 28					11	0									41		478
Machinery and equipment n.e.c.	29					12	0									16		36
Electrical and optical equipment	30 - 33					24	0									108		200
Transport equipment manufacture	34 - 35					7	0									9		19
Other manufacturing	36 - 37, 19					2	0									25		45
Transport			0	0	0	0	1	0	0	0	0	0	1	0	0	5	0	5,075
Road Freight							0											1,218
Road Private Car							1						1					1,912
Public Passenger Services							0											131
Rail							0									5		57
Domestic Aviation							0											43
International Aviation							0											814
Fuel Tourism							0											763
Unspecified							0											137
Residential						522	44			44				0	0	646		2,874
Commercial/Public Services			0	0	0	390	3	0	0	0	0	3	0	0	0	728	0	1,735
Commercial Services						171	3			0		3				522		1,105
Public Services						219	0									206		630
Agricultural						0	0									55		325
Statistical Difference			0	0	0	21	1	0	0	-0	0	0	0	0	-0	-24	0	-376

* Industry sub-sectoral breakdown is based on the CIP 2004.
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