

[illegible]

\* Industry sub-sectoral breakdown is based on the CIP 2009.

**Last Updated : 29th September 2017**

2015 provisional data

2015 prov

2014 data

Statistical differences may exist for crude oil between the calculated primary energy requirement and the observed refinery input

## Ireland's Energy Balance 2014

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\* Industry sub-sectoral breakdown is based on the CIP 2009.

**Last Updated : 29th September 2017**

2014 provisional data

2014 provisional data based on 2013 breakdown

2013 data

Sod peat is estimated due to new legislation and the methodology is under review

Statistical differences may exist for crude oil between the calculated primary energy requirement and the observed refinery input

## Ireland's Energy Balance 2013

2013	Units = ktoe	NACE (Rev 2)	Coal	Bituminous Coal	Anthracite + Manufactured Products	Coke	Lignite / Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel PERV	Petroleum Coke	Naphta	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL	
Indigenous Production			0	0			1,316	1,188	128			8,203	3,225	0	836	493	887	181	103	2,072	112	0	256	1	38	154	789	52	391	232	38	11	22	11	33	61			2,321	
Imports			1,483	1,395	67		22	0				8,203	3,225	0	836	493	887	181	103	2,072	112	0	256	1	38	154	789	52	391	232	38	11	22	11	33	61			13,744	
Exports			10	0	10		1	9			9	1,376	227		177	4	0	901	31	0	28	0	0	7	0	0	0												1,428	
Mar. Bunkers			0									146						18		128						0													146	
Stock Change			-163	-147	-12		-4	-571	-558	0	-13	-93	-97		-5	20	-16	2	-2	3	11	1	0	0	0	-18	-3												346	
Primary Energy Supply (incl non-energy)			1,310	1,248	45	0	17	736	629	128	-21	6,588	2,900	0	654	509	870	-739	69	1,941	124	-27	256	1	31	3,853	902	52	391	267	38	11	99	11	33	61	193	0	13,644	
Primary Energy Requirement (excl. non-energy)			1,310	1,248	45	0	17	736	629	128	-21	6,300	2,900	0	654	509	870	-739	69	1,941	124	-27	0	0	0	0	3,853	902	52	391	267	38	11	99	11	33	61	193	0	13,356
Transformation Input			970	970	0	0	0	613	613	0	0	2,946	2,902	5	0	0	0	33	1	4	0	0	0	0	0	2,154	119	0	0	77	38	4	0	0	0	23	68	0	6,893	
Public Thermal Power Plants			970	970				498	498	0		38						33		4						1,830	111			73	38					23		3,469		
Combined Heat and Power Plants			0	0				9	9			6		5				0	1	0						268	8			4		4						292		
Pumped Storage Consumption																																						50		
Briquetting Plants								106	106																		0												106	
Oil Refineries & other energy sector			0									2,902	2,902													56	0												17	2,976
Transformation Output			0	0	0	0	0	106	0	0	106	2,940	0	69	563	111	0	917	71	1,179	0	30	0	0	0	0	42	0	0	26	13	2	0	0	0	6	1,787	0	4,881	
Public Thermal Power Plants			0									0															38			25	13					6	1,580		1,580	
Combined Heat and Power Plants - Electricity			0									0															4			1		2						177		
Combined Heat and Power Plants - Heat			0									0															0											0		
Pumped Storage Generation																																						30		
Briquetting Plants								106			106	0															0												106	
Oil Refineries								0				2,940		69	563	111	0	917	71	1,179		30				0													2,940	
Exchanges and transfers			24	-14	38	0	0	0	0	0	0	-26	0	0	0	218	-218	2	0	-4	-24	0	0	0	0	0	-442	-52	-391	0	0	0	0	-0	0	0	442	0	-2	
Electricity																											-442	-52	-391										442	0
Heat			24	-14	38							-26																											0	
Other			0									64															65	0												0
Own Use and Distribution Losses			0					16	16			64															65	0											343	368
Available Final Energy Consumption			364	264	83	0	17	213	0	128	85	6,493	-2	0	1,217	838	652	148	139	3,111	100	3	256	1	31	1,635	341	0	0	190	0	7	99	11	33	39	2,112	0	11,195	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	288	0	0	0	0	0	0	0	0	0					256	1	31	0	0	0	0	0	0	0	0	0	0	0	288
Final non-Energy Consumption (Feedstocks)			0					0				288														256	1	31	0	0	0	0	0	0	0	0	0	0	0	288
Total Final Energy Consumption			355	255	83	0	17	218	0	128	90	6,209	0	0	1,197	785	675	148	166	3,139	99	0	0	0	0	1,634	345	0	0	191	0	7	102	11	33	39	2,082	0	10,882	
Industry*			82	82	0		1	0	0	0	0	545	0	0	0	78	0	138	116	124	88	0	0	0	0	621	141	0	0	138		3	0	0	0	39	799	0	2,226	
Non-Energy Mining	05-09		0	0								34						2	2	0	30	0				10	0											57	101	
Food & beverages	10-11		21	21				0	0			137						46	29	33	28	0				91	16											170	435	
Textiles and textile products	13-14		0	0								3						1	0	1	0	3				1	0											10	14	
Wood and wood products	16		0	0								3						0	0	2	0					2	100										34	139		
Pulp, paper, publishing and printing	17-18		0	0								3						1	0	1	0					3	0											19	25	
Chemicals & man-made fibres	20-21		0	0								29						11	7	3	8	0				56	0											145	230	
Rubber and plastic products	22		0	0								10						7	0	6	3	0				4	0											35	49	
Other non-metallic mineral products	23		61	61								141						5	1	39	88					15	25												331	
Basic metals and fabricated metal products	24-25		0	0								96						0	88	6	2	0				321	0												64	481
Machinery and equipment n.e.c.	28		0	0								6						0	2	3	0					5	0												20	31
Electrical and optical equipment	26-27		0	0								42						0	40	2	0					107	0												99	247
Transport equipment manufacture	29-30		0	0								5						0	4	1	0					2	0												17	23
Other manufacturing	31-33, 12 & 15		0	0								39						8	5	20	5	0				6	0												78	122
Transport			0	0	0	0	0	0	0	0	0	4,242	0	0	1,197	0	675	0	1	2,368	0	0	0	0	0	0	102	0	0	0	0	0	0	102	0	0	0	4	0	4,348
Road Freight			0									562															18													562
Road Light Goods Vehicle												313															10													313
Road Private Car			0									2,048			1,083					1	964						57												2,105	
Public Passenger Services			0									138			21						118						4												143	
Rail			0									38									38																		42	
Domestic Aviation			0									3																											3	
International Aviation			0									673																											673	
Fuel Tourism			0									203			2																								210	
Navigation			0									58																											58	
Unspecified			0									205															6												211	
Residential			273	173	83		17	218		128	90	917		0	706		0	40	160	11						606	64							11	25		684	2,762		
Commercial/Public Services			0	0	0	0																																		

## Ireland's Energy Balance 2012

2012	Units = ktoe	NACE (Rev 2)	Coal	Bituminous Coal	Anthracite + Manufactured Products	Coke	Lignite / Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel PERV	Petroleum Coke	Naphta	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL	
Indigenous Production			0	0			317	189	128			0														171	757	69	345	223	43	13	24	10	30	46		1,291		
Imports			1,339	1,286	41		12	0				8,266	3,005	0	1,080	533	763	196	105	2,183	125	0	238	1	36	3,846	80			15			64			67		13,599		
Exports			9	0	9		0	9			9	1,772	0		434	6	0	962	38	316	0	9	0	0	6	0	0			0			0			32		1,822		
Mar. Bunkers			0									129								24						0												129		
Stock Change			158	149	6		1	468	461	0	7	150	132		12	-33	2	34	-10	20	-11	-5	0	0	0	14	-3			1			-3					785		
Primary Energy Supply (incl non-energy)			1,485	1,434	38	0	13	776	650	128	-2	6,515	3,137	0	658	494	765	-756	66	1,782	114	-14	238	1	30	4,032	835	69	345	240	43	13	85	10	30	46	36	0	13,724	
Primary Energy Requirement (excl. non-energy)			1,485	1,434	38	0	13	776	650	128	-2	6,246	3,137	0	658	494	765	-756	66	1,782	114	-14	0	0	0	4,032	835	69	345	240	43	13	85	10	30	46	36	0	13,455	
Transformation Input			1,160	1,160	0	0	0	635	635	0	0	3,193	3,137	9	0	0	0	39	0	7	0	0	0	0	0	2,328	113	0	0	66	43	4	0	0	0	18	49	0	7,497	
Public Thermal Power Plants			1,160	1,160				550	550	0		47								39						1,994	104				61	43				18		3,873		
Combined Heat and Power Plants			0	0				7	7			9		9				0	0	0						275	9			5		4					300			
Pumped Storage Consumption			0									0																								30		30		
Briquetting Plants			0					78	78			0															0										78			
Oil Refineries & other energy sector			0					0				3,137	3,137													59	0									19		3,215		
Transformation Output			0	0	0	0	0	87	0	0	87	3,100	0	39	587	139	0	947	82	1,296	0	10	0	0	0	0	38	0	0	21	15	2	0	0	0	4	1,939	0	5,169	
Public Thermal Power Plants			0					0				0															34			19	15				4	1,737		1,737		
Combined Heat and Power Plants - Electricity			0					0				0															4			2						183		183		
Combined Heat and Power Plants - Heat			0																																		0		0	
Pumped Storage Generation																																					18		18	
Briquetting Plants								87				0															0										87			
Oil Refineries								0				3,100		39	587	139	0	947	82	1,296		10				0	-414	-69	-345	0	0	0	0	-0	0	0	414	0	-1	
Exchanges and transfers			17	-11	28	0	0	0	0	0	0	-18	0	0	0	169	-169	1	0	-2	-17	0	0	0	0	0	-414	-69	-345	0	0	0	0	-0	0	0	414	0	-1	
Electricity																											-414	-69	-345						-0			414		0
Heat			17	-11	28							-18			0	169	-169	1		-2	-17						0											-1		
Other			0					14	14			41		31	0			0	10	0						61	0										248		364	
Own Use and Distribution Losses			0					14	14			41		31	0			0	10	0						61	0										248		364	
Available Final Energy Consumption			342	263	67	0	13	213	0	128	85	6,383	-0	0	1,245	802	596	152	137	3,068	97	-4	238	1	30	1,842	308	0	0	174	0	9	85	10	30	27	2,091	0	10,988	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	269	0	0	0	0	0	0	0	0	0				238	1	30	0	0	0	0	0	0	0	0	0	0	0	0	269
Final non-Energy Consumption (Feedstocks)			0					0				269													238	1	30	0	0	0	0	0	0	0	0	0	0	0	269	
Total Final Energy Consumption			339	262	65	0	12	215	1	128	87	6,093	0	0	1,272	758	586	118	137	3,121	101	0	0	0	0	1,827	311	0	0	177	0	9	85	10	30	27	2,078	0	10,691	
Industry*			97	97	0		1	1	0	0	0	514	0	0	0	76	0	109	96	143	91	0	0	0	0	626	135	0	0	130		5	0	0	0	0	27	788	0	2,188
Non-Energy Mining	05-09		0	0			0					37						2	1	0	34	0				10	0											104		
Food & beverages	10-11		18	18			1	1				118						45	13	27	32	0				90	18			13		5					168	412		
Textiles and textile products	13-14		0	0			0					2						1	0	0	1	0				1	0										10	13		
Wood and wood products	16		0	0			0					3						0	0	0	2	0				2	95			95						34	134			
Pulp, paper, publishing and printing	17-18		0	0			0					3						1	0	0	2	0				3	0										18	24		
Chemicals & man-made fibres	20-21		0	0			0					25						11	3	2	9	0				55	0			0						143	224			
Rubber and plastic products	22		0	0			0					9						7	0	5	4	0				4	0									35	47			
Other non-metallic mineral products	23		77	77			0					146						2	1	45	91					14	21			21					27	50	337			
Basic metals and fabricated metal products	24-25		0	0			0					34						0	86	5	3	0				329	0										64	486		
Machinery and equipment n.e.c.	28		0	0			0					5						0	2	3	0					5	0									20	30			
Electrical and optical equipment	26-27		0	0			0					35						0	33	2	0					106	0										97	238		
Transport equipment manufacture	29-30		0	0			0					4						0	3	1	0					2	0										17	22		
Other manufacturing	31-33, 12 & 15		1	1			0			0		33						8	2	17	5	0				6	0										76	116		
Transport			0	0	0	0	0	0	0	0	0	4,084	0	0	1,272	0	586	0	1	2,224	0	0	0	0	0	0	85	0	0	0	0	0	0	85	0	0	0	4	0	4,172
Road Freight			0				0					613															16										16	629		
Road Light Goods Vehicle			0									302														8											8	310		
Road Private Car			0									2,011			1,133					1	877					49										0	2,060			
Public Passenger Services			0									145			26											4												148		
Rail			0									38														38											4	42		
Domestic Aviation			0									4														0												4		
International Aviation			0									583														0												583		
Fuel Tourism			0									222			7												6											228		
Navigation			0									59															0											59		
Unspecified			0									106						0									2											108		
Residential			242	165	65		12	215		128	87	910			0	683		0	33	185	10					600	61			28			10	23		698		2,726		
Commercial/Public Services			0	0	0	0	0	0	0	0	0	360	0	0	0	0	0	10	7	343	0	0	0	0	0	4														

## Ireland's Energy Balance 2011

2011	Units = ktoe	NACE (Rev 2)	Coal	Bituminous Coal	Anthracite + Manufactured Products	Coke	Lignite / Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel PERV	Petroleum Coke	Naphta	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL	
Indigenous Production			0	0			767	606	161			8,50	3,078	0	1,215	630	916	261	110	2,253	85	0	264	1	36	188	749	61	377	193	44	14	24	9	28	14			1,718	
Imports			1,417	1,366	40		11	0				8,850	40		1,215	630	916	261	110	2,253	85	0	264	1	36	3,963	84			13							63		14,376	
Exports			8	0	7		0	9		9		1,636	40		266	2	0	1,065	34	202	1	21	0	0	6	0	1				1			0			21		1,674	
Mar. Bunkers			0									108								86						0												108		
Stock Change			-177	-180	2		0	-49	-31	-2	-7	-15	-23		5	9	-16	4	-2	0	11	4	0	0	0	-13	5											240		
Primary Energy Supply (incl non-energy)			1,232	1,186	36	0	11	717	575	158	-17	7,091	3,016	0	954	637	900	-823	74	1,959	95	-17	264	1	31	4,137	837	61	377	206	44	14	100	9	28	14	42	0	14,072	
Primary Energy Requirement (excl. non-energy)			1,232	1,186	36	0	11	717	575	158	-17	6,795	3,016	0	954	637	900	-823	74	1,959	95	-17	0	0	0	4,137	837	61	377	206	44	14	100	9	28	14	42	0	13,775	
Transformation Input			913	913	0	0	0	563	563	0	0	3,070	3,016	6	0	0	0	40	0	8	0	0	0	0	0	2,549	79	0	0	30	44	4	0	0	0	19	0	7,192		
Public Thermal Power Plants			913	913				473	473	0		48						40		8						2,254	71			27	44							3,759		
Combined Heat and Power Plants			0	0				7	7			7		6				0	0	0						245	8			3		4						266		
Pumped Storage Consumption			0									0																										0		
Briquetting Plants			0					83	83			0															0											83		
Oil Refineries & other energy sector			0					0				3,016	3,016													50	0										18	3,084		
Transformation Output			0	0	0	0	0	85	0	0	85	3,005	0	40	539	124	0	1,048	75	1,161	0	18	0	0	0	0	29	0	0	12	15	2	0	0	0	0	1,899	0	5,017	
Public Thermal Power Plants			0					0				0															26			10	15						1,730	1,730		
Combined Heat and Power Plants - Electricity			0					0				0															3			1		2					169	169		
Combined Heat and Power Plants - Heat			0																																		0	0		
Pumped Storage Generation																																					0	0		
Briquetting Plants								85				0						1,048	75	1,161		18					0											85		
Oil Refineries								0				3,005		40	539	124	0	1,048	75	1,161							-438	-61	-377	0	0	0	0	-0	0	0	438	0	0	
Exchanges and transfers			19	-12	31	0	0	0	0	0	0	-19	0	0	0	176	-176	1	0	-1	-19					0	-438	-61	-377	0	0	0	0	-0	0	0	438	0	0	
Electricity																											-438	-61	-377						-0			438	0	
Heat																											0											0	0	
Other																											0											0	0	
Own Use and Distribution Losses			19	-12	31							-19						1		-1	-19						0											243	368	
Available Final Energy Consumption			338	261	67	0	11	227	0	158	69	6,960	0	0	1,493	937	724	186	137	3,110	76	1	264	1	31	1,523	321	0	0	175	0	9	100	9	28	14	2,117	0	11,500	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	296	0	0	0	0	0	0	0	0	0					264	1	31	0	0	0	0	0	0	0	0	0	0	296	
Final non-Energy Consumption (Feedstocks)			0					0				296														264	1	31	0	0	0	0	0	0	0	0	0	0	296	
Total Final Energy Consumption			328	250	67	0	11	242	0	163	79	6,552	0	0	1,399	887	699	180	142	3,168	76	0	0	0	0	1,509	319	0	0	175	0	9	98	9	28	14	2,139	0	11,103	
Industry*			98	98	0			0	0	0	0	576	0	0	0	89	0	170	99	150	68	0	0	0	0	574	142	0	0	137								816	0	2,220
Non-Energy Mining	05-09		0	0				0				40				3		1	0	36	0					11	0										59	109		
Food & beverages	10-11		16	16				0	0			129				52		15	28	34	0					94	34										174	448		
Textiles and textile products	13-14		0	0				0				3				1		0	0	1	0					1	0										10	14		
Wood and wood products	16		0	0				0				3				0		0	0	2	0					2	93										35	133		
Pulp, paper, publishing and printing	17-18		0	0				0				3				1		0	0	2	0					3	0										19	26		
Chemicals & man-made fibres	20-21		0	0				0				28				12		4	3	10	0					58	0										148	235		
Rubber and plastic products	22		0	0				0				9				0		5	4	0						4	0										36	49		
Other non-metallic mineral products	23		80	80				0				127				8		2	1	47	68					15	16										52	304		
Basic metals and fabricated metal products	24-25		0	0				0				152				0		144	5	3	0					262	0										64	475		
Machinery and equipment n.e.c.	28		0	0				0				6				0		0	2	3	0					5	0										21	31		
Electrical and optical equipment	26-27		0	0				0				37				0		0	34	2	0					111	0										101	248		
Transport equipment manufacture	29-30		0	0				0				4				0		0	3	1	0					2	0										17	23		
Other manufacturing	31-33, 12 & 15		2	2				0				35				9		3	18	6	0					6	0										79	123		
Transport			0	0	0	0	0	0	0	0	0	4,321	0	0	1,399	0	699	0	1	2,221	0	0	0	0	0	0	98	0	0	0	0	0	0	98	0	0	0	4	0	4,422
Road Freight			0					0				612								612							20											632		
Road Light Goods Vehicle												329								329							11											339		
Road Private Car			0					0				2,001			1,213				1	787							51										0	2,052		
Public Passenger Services			0					0				148			31					118							4											153		
Rail			0					0				40								40							0										4	44		
Domestic Aviation			0					0				6															0											6		
International Aviation			0					0				694															0											694		
Fuel Tourism			0					0				223			11												7											230		
Navigation			0					0				56								56							0											56		
Unspecified			0					0				211			144				0	68							5						5					217		
Residential			230	152	67		11	241		163	79	1,035			0	799		0	34	194	9					569	53			22			9	21		712	2,841			
Commercial/Public Services			0	0	0	0	0	0	0	0	0	387	0	0	0	0	0	10	7	370	0	0	0	0	0	366</														

## Ireland's Energy Balance 2010

2010	Units = ktoe	NACE (Rev 2)	Coal	Bituminous Coal	Anthractive + Manufactured Coke	Coke	Lignite / Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel DERV	Petroleum Coke	Naphta	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL		
Indigenous Production			0	0			997	832	165			0														228	607	52	242	197	44	14	26	8	28	9			1,841		
Imports			964	921	32		11	0				8,957	3,113	0	1,098	530	1,068	316	122	2,278	100	0	299	1	32	4,487	82			11							65			14,554	
Exports			7	0	7		0	10			10	1,245	94		37	22	0	908	30	126	0	23	0	0	5	0	0										25			1,287	
Mar. Bunkers			0									139						38		100						0													139		
Stock Change			275	271	4		0	-233	-225	-0	-8	49	-48		-14	13	4	103	1	17	12		-4	0	0	-12	-1			3									49		
Primary Energy Supply (incl non-energy)			1,231	1,192	28	0	10	755	607	165	-18	7,622	2,971	0	1,047	521	1,072	-528	93	2,034	111	-26	299	1	27	4,702	688	52	242	211	44	14	93	8	28	9	40	0		15,047	
Primary Energy Requirement (excl. non-energy)			1,231	1,192	28	0	10	755	607	165	-18	7,294	2,971	0	1,047	521	1,072	-528	93	2,034	111	-26	0	0	0	4,702	688	52	242	211	44	14	93	8	28	9	40	0		14,720	
Transformation Input			868	868	0	0	0	592	592	0	0	3,108	2,971	7	0	0	0	104	0	26	0	0	0	0	0	3,045	74	0	0	24	44	6	0	0	0	0	43	0		7,730	
Public Thermal Power Plants			868	868				481	481	0		130						104		26						2,768	65			20	44								4,311		
Combined Heat and Power Plants			0	0				10	10			8		7				0	0	0						257	10			4		6							284		
Pumped Storage Consumption			0																							0												25			
Briquetting Plants			0					101	101																	0												101			
Oil Refineries & other energy sector			0									2,971	2,971													21	0											18	3,010		
Transformation Output			0	0	0	0	0	105	0	0	105	3,023	0	86	494	221	0	950	64	1,178	0	29	0	0	0	0	27	0	0	9	16	2	0	0	0	0	2,145	0		5,300	
Public Thermal Power Plants			0					0				0														23				8	16							1,962			
Combined Heat and Power Plants - Electricity			0					0				0														4			2									167			
Combined Heat and Power Plants - Heat																										0												0			
Pumped Storage Generation																										0												15			
Briquetting Plants								105			105	0														0												105			
Oil Refineries								0				3,023		86	494	221	0	950	64	1,178		29				0													3,023		
Exchanges and transfers			24	-13	36	0	0	0	0	0	0	-17	0	0	3	283	-282	5	0	-2	-24	0	0	0	0	0	-294	-52	-242	0	0	0	0	-0	0	0	294	0		6	
Electricity																										-294	-52	-242											0		
Heat			24	-13	36							-17			3	283	-282	5		-2	-24																		0		
Other			0									92														71	0													0	
Own Use and Distribution Losses			0					18	16			92														0													437		
Available Final Energy Consumption			387	312	65	0	10	253	0	165	88	7,428	0	0	1,545	1,025	790	315	154	3,182	87	3	299	1	27	1,586	320	0	0	186	0	8	93	7	28	9	783	0		12,180	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	328	0	0	0	0	0	0	0	0	0				299	1	27	0	0	0	0	0	0	0	0	0	0	0	0	328	
Final non-Energy Consumption (Feedstocks)			0					0				328													299	1	27	0	0	0	0	0	0	0	0	0	0	0	328		
Total Final Energy Consumption			387	290	67	0	10	254	0	165	88	7,162	0	0	1,478	1,123	787	321	148	3,218	86	1	0	0	0	1,596	321	0	0	187	0	8	93	7	28	9	2,186	0		11,894	
Industry*			113	113	0		0	0	0	0	0	757	0	0	0	112	0	311	103	157	73	1	0	0	0	446	152	0	0	148		5	0	0	0	9	783	0		2,261	
Non-Energy Mining	05-09		0	0			0					44						4	3	0	37	0				9	0											56			
Food & beverages	10-11		16	16			0	0				187						66	56	29	36	0				81	40			36		5						167			
Textiles and textile products	13-14		0	0			0					4						1	1	0	1	0				1	0											10			
Wood and wood products	16		0	0			0					3					1		0	2	0				2	100				100							34				
Pulp, paper, publishing and printing	17-18		1	1			0					4					1	1	0	2	0				3	0												18			
Chemicals & man-made fibres	20-21		0	0			0					42				16		13	3	10	0				50	0				0							142				
Rubber and plastic products	22		0	0			0					10				0		0	5	4	0				3	0											34				
Other non-metallic mineral products	23		93	93			0					143				0	11	9	1	49	73				13	12				12					9	50		319			
Basic metals and fabricated metal products	24-25		0	0			0					224						0	216	5	3	0				177	0											63			
Machinery and equipment n.e.c.	26		0	0			0					6				1		0	2	3	0				4	0												20			
Electrical and optical equipment	26-27		0	0			0					38					0	0	35	2	0				95	0												97			
Transport equipment manufacture	29-30		0	0			0					5					0	0	3	1	0				1	0												17			
Other manufacturing	31-33, 12 & 15		4	4			0				0	47				12		10	18	6	0	1			5	0												76			
Transport			0	0	0	0	0	0	0	0	0	4,501	0	0	1,478	0	787	0	1	2,236	0	0	0	0	0	0	93	0	0	0	0	0	0	93	0	0	0	4	0		4,597
Road Freight			0									669								669						19													688		
Road Light Goods Vehicle												338								338						0	10												348		
Road Private Car			0				0					1,969							1	683						48											0		2,017		
Public Passenger Services			0				0					160								123						4													164		
Rail			0				0					40								40						0											4		44		
Domestic Aviation			0				0					14														0													14		
International Aviation			0				0					774														0													774		
Fuel Tourism			0				0					222						14			209					6													228		
Navigation			0				0					65								65						6													65		
Unspecified			0				0					250						140			111					6													256		
Residential			254	177	67		10	254		165	88	1,263			0	1,010		0	37	202	13					710	54			27			7	20			735		3,270		
Commercial/Public Services			0	0	0	0	0	0	0	0	0	394	0	0	0	0	0	10																							

## Ireland's Energy Balance 2009

2009	Units = ktoe	NACE (Rev 2)	Coal	Bituminous Coal	Anthracite + Manufactured Products	Coke	Lignite / Brown Coal Briquettes	Peat	Milled Peat	Solid Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel DERV	Petroleum Coke	Naptha	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL		
Indigenous Production			0	0			572	403	169			0														245	627	78	254	182	42	13	29	5	24	13			1,457		
Imports			1,297	1,228	54		16	0				8,907	2,739		1,114	538	1,143	427	92	2,447	140	0	225	2	41	4,037	59			9										14,381	
Exports			7	0	6		1	5			5	959	0		0		0	897	11	23	1	24	0	0	4	0	0			0			0							986	
Mar. Bunkers			0									98						32		66						0													98		
Stock Change			-147	-127	-17		-3	285	287	0	-3	143	122		-14	-12	12	52	2	-29	10	-1	0	0	0	3	1													284	
Primary Energy Supply (incl non-energy)			1,143	1,101	31	0	12	852	690	169	-7	7,992	2,860	0	1,100	527	1,155	-450	83	2,330	149	-25	225	2	36	4,285	686	78	254	193	42	13	78	5	24	13	66	0		15,038	
Primary Energy Requirement (excl. non-energy)			1,143	1,101	31	0	12	852	690	169	-7	7,730	2,860	0	1,100	527	1,155	-450	83	2,330	149	-25	6	0	0	4,285	686	78	254	193	42	13	78	5	24	13	66	0		14,775	
Transformation Input			775	775	0	0	0	669	669	0	0	3,090	2,876	6	0	0	0	200	0	8	0	0	0	0	0	2,759	61	0	0	13	42	5	0	0	0	0	64	0		7,418	
Public Thermal Power Plants			775	775				557	557	0		209						200		8																			4,107		
Combined Heat and Power Plants			0	0				10	10			6		6				0	0	0						244	9			3		5							269		
Pumped Storage Consumption																																						50			
Briquetting Plants			0					102	102			0															0												102		
Oil Refineries & other energy sector			0									2,876	2,876													0	0												14		
Transformation Output			0	0	0	0	0	108	0	0	108	2,863	0	94	513	211	0	911	39	1,070	0	25	0	0	0	0	22	0	0	6	15	1	0	0	0	0	0	2,084	0		5,076
Public Thermal Power Plants			0					0				0														19				4	15								1,896		
Combined Heat and Power Plants - Electricity			0					0				0														3			1										157		
Combined Heat and Power Plants - Heat			0									0														0													0		
Pumped Storage Generation																																							31		
Briquetting Plants								108			108	0														0														108	
Oil Refineries								0				2,863		94	513	211	0	911	39	1,070		25																	2,863		
Exchanges and transfers			19	-16	35	0	0	0	0	0	0	-21	0	0	-0	261	-263	6	0	-6	-19	0	0	0	0	0	-353	-78	-254	-6	-15	-1	0	-0	0	0	353	0		-2	
Electricity																																							353	0	
Heat			19	-16	35							-21																											0		
Other			0																																				0		
Own Use and Distribution Losses			0					21	21			116		88	-0	261	-263	6		-6	-19					65	0												283		
Available Final Energy Consumption			387	310	66	0	12	270	0	169	101	7,828	-15	0	1,613	999	893	243	118	3,384	130	0	225	2	36	1,461	294	0	0	179	0	8	78	5	24	13	2,157	0		12,210	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	263	0	0	0	0	0	0	0	0	0	0			225	2	36	0	0	0	0	0	0	0	0	0	0	0	0	263	
Final non-Energy Consumption (Feedstocks)			0					0				263													225	2	36	0	0	0	0	0	0	0	0	0	0	0	263		
Total Final Energy Consumption			379	297	70	0	12	273	1	169	104	7,397	0	0	1,636	1,058	767	269	115	3,420	130	1	0	0	0	1,468	291	0	0	177	0	8	77	5	24	13	2,173	0		11,994	
Industry*			112	112	0			1	1	0	1	765	0	0	0	143	0	259	80	166	115	1	0	0	0	430	140	0	0	136		4	0	0	0	13	740	0		2,201	
Non-Energy Mining	05-09		0	0				0				48				5		4	0	40	0				9	0													55		
Food & beverages	10-11		20	20				1	1			219				84		74	23	38	0				80	39			35		4								145		
Textiles and textile products	13-14		0	0								5				2		2	0	1	0				1	0													7		
Wood and wood products	16		0	0				0				4				1		1	0	2	0				2	85			85									28			
Pulp, paper, publishing and printing	17-18		1	1				0				5				2		1	0	2	0				3	0												17			
Chemicals & man-made fibres	20-21		0	0				0				50				20		18	2	11	0				49	1			1									130			
Rubber and plastic products	22		0	0				0				9				0		0	4	5	0				3	0												32			
Other non-metallic mineral products	23		88	88				0				194				14		12	1	52	115				13	15												77			
Basic metals and fabricated metal products	24-25		0	0				0				140				0		133	4	3	0				168	0									13			399			
Machinery and equipment n.e.c.	28		0	0				0				6				1		1	2	4	0				4	0												16			
Electrical and optical equipment	26-27		0	0				0				31				1		1	28	2	0				93	0												110			
Transport equipment manufacture	29-30		0	0				0				4				0		0	2	1	0				1	0												9			
Other manufacturing	31-33, 12 & 15		4	4				1			1	50				15		13	14	6	0	1			5	0												68			
Transport			0	0	0	0	0	0	0	0	0	4,782	0	0	1,636	0	767	0	1	2,378	0	0	0	0	0	77	0	0	0	0	0	0	0	77	0	0	0	4	0		4,863
Road Freight			0					9				766													18														18		
Road Light Goods Vehicle			0									365													9														9		
Road Private Car			0									2,026			1,408										617														373		
Public Passenger Services			0									177			44										134														4		
Rail			0									40													40														4		
Domestic Aviation			0									18													0														18		
International Aviation			0									750													0														750		
Fuel Tourism			0									207			3										204														212		
Navigation			0									64													64														64		
Unspecified			0					0				368			180			0		188					7														375		
Residential			267	185	70		12	272		169	103	1,173		0	915		0	30	214	15					625	50			27					5	18		699		3,086		
Commercial/Public Services			0	0	0	0	0	0	0	0	0	411	0	0	0	0	0	10	5	397	0	0	0	0	0																

## Ireland's Energy Balance 2008

2008	Units = ktoe	NACE (Rev 2)	Coal	Bituminous Coal	Anthracite + Manufactured Cokes	Coke	Lignite / Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel DERV	Petroleum Coke	Naptha	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL		
Indigenous Production			0	0			660	486	174			0														354	552	83	207	163	39	10	24	3	22	0			1,567		
Imports			1,600	1,551	37		12	0				10,437	3,348		1,180	460	1,261	756	147	2,741	260	0	244	2	38	4,174	44			11	33						65			16,321	
Exports			4	0	4		0	10		10		1,216	0		6	0	0	1,145	13	21	0	26	0	0	5	0	2			0							26			1,259	
Mar. Bunkers			0									70						45		26						0													70		
Stock Change			-186	-184	-2		-221	207	-0	14		33	-118		33	28	0	53	-4	42	-1	0	0	0	0	-5	2			1			1						66		
Primary Energy Supply (incl non-energy)			1,410	1,368	30	0	12	672	694	174	4	9,184	3,230	0	1,206	488	1,261	-381	130	2,736	259	-26	244	2	33	4,524	597	83	207	176	39	10	56	3	22	0	39	0		16,625	
Primary Energy Requirement (excl. non-energy)			1,410	1,368	30	0	12	672	694	174	4	8,905	3,230	0	1,206	488	1,261	-381	130	2,736	259	-26	0	0	0	4,524	597	83	207	176	39	10	56	3	22	0	39	0		16,345	
Transformation Input			991	991	0	0	0	675	675	0	0	3,701	3,346	5	0	0	0	339	0	11	0	0	0	0	0	2,811	50	0	0	6	39	5	0	0	0	0	58	0		8,287	
Public Thermal Power Plants			991	991				570	570	0		350						339		11						2,577	43			4	39								4,531		
Combined Heat and Power Plants			0	0				8	8			6		5				0	0	0						233	8			2		5							255		
Pumped Storage Consumption												0														0													45		
Briquetting Plants			0					97	97			0														0													97		
Oil Refineries & other energy sector			0									3,346	3,346												0														13		
Transformation Output			0	0	0	0	0	92	0	0	92	3,406	0	104	633	222	0	1,170	38	1,214	0	26	0	0	0	0	18	0	0	3	14	1	0	0	0	0	2,294	0		5,810	
Public Thermal Power Plants			0					0				0														15				1	14								2,105		
Combined Heat and Power Plants - Electricity			0					0				0														3			1		1							160			
Combined Heat and Power Plants - Heat			0									0														0												0			
Pumped Storage Generation												0														0												28			
Briquetting Plants							92				92	0						1,170	38	1,214		26																	92		
Oil Refineries							0					3,406		104	633	222	0	1,170	38	1,214		26																	3,406		
Exchanges and transfers			12	-13	25	0	0	0	0	0	0	-12	0	0	-0	189	-189	4	0	-4	-12	0	0	0	0	0	-309	-83	-207	-3	-14	-1	0	0	0	0	309	0		1	
Electricity																										-309	-83	-207	-3	-14	-1							309	0		0
Heat			12	-13	25							-12			-0	189	-189	4	0	-4	-12																		0		
Other			0									135		98				25	4	7						63	0												303		
Own Use and Distribution Losses			0				18	18				135		98				25	4	7						63	0												303		
Available Final Energy Consumption			431	363	55	0	12	271	0	174	97	8,743	-116	0	1,839	898	1,073	429	164	3,929	247	-0	244	2	33	1,650	256	0	0	169	0	5	56	3	22	0	2,280	0		13,629	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	279	0	0	0	0	0	0	0	0	0				244	2	33	0	0	0	0	0	0	0	0	0	0	0	0	279	
Final non-Energy Consumption (Feedstocks)			0				0					279													244	2	33	0	0	0	0	0	0	0	0	0	0	0	0	279	
Total Final Energy Consumption			421	353	58	0	10	280	1	174	106	8,389	0	0	1,798	1,015	970	341	164	3,853	246	1	0	0	0	1,567	255	0	0	169	0	5	56	3	22	0	2,294	0		13,206	
Industry*			165	165	0		1	1	0	0	0	998	0	0	0	138	0	331	113	196	220	1	0	0	0	514	139	0	0	138	1	0	0	0	0	0	686	0		2,503	
Non-Energy Mining	05-09		0	0			0					55						9	8	2	35	1			15	0												51			
Food & beverages	10-11		24	24			1	1				221						81	70	14	56	0			102	41				40		1						133			
Textiles and textile products	13-14		0	0			1					6						2	1	2	0				1	0												6			
Wood and wood products	16		0	0			0					7						2	2	0	3	0			2	88				88							26				
Pulp, paper, publishing and printing	17-18		0	0			0					4						1	1	0	2	0			4	0												15			
Chemicals & man-made fibres	20-21		0	0			0					52						18	15	5	14	0			69	0				0								119			
Rubber and plastic products	22		0	0			0					17						0	0	10	6	0			5	0												30			
Other non-metallic mineral products	23		136	136			0					296						10	9	2	57	219			17	10									0			70			
Basic metals and fabricated metal products	24-25		0	0			0					223						0	212	7	5	0			184	0												50			
Machinery and equipment n.e.c.	28		0	0			0					7						1	1	3	2	0			6	0												15			
Electrical and optical equipment	26-27		0	0			0					61						1	1	57	3	0			102	0												101			
Transport equipment manufacture	29-30		0	0			0					8						1	1	4	1	0			3	0												8			
Other manufacturing	31-33, 12 & 15		5	5			0			0	0	39					11	10	7	10	0	1			6	0												63			
Transport			0	0	0	0	0	0	0	0	0	5,384	0	0	1,798	0	970	0	1	2,615	0	0	0	0	0	0	56	0	0	0	0	0	0	56	0	0	0	5	0		5,444
Road Freight			0				0					1,042								1,042						15													15		
Road Light Goods Vehicle			0									398								398						6													6		
Road Private Car			0									2,089			1,513					1	575					26												0			
Public Passenger Services			0									198			48					151					3													201			
Rail			0									46								46					0													50			
Domestic Aviation			0									22					21			318					0													22			
International Aviation			0									950					950								0													950			
Fuel Tourism			0									250			35					215					3													253			
Navigation			0									66								66					0													66			
Unspecified			0									324			201				0	123					4													328			
Residential			230	164	56		10	280		174	106	1,197		0	0	878		0	40	252	27				669	41			20				3	17			733		3,149		
Commercial/Public Services			27	24	2	0	1	0	0	0	0																														



## Ireland's Energy Balance 2007

2007	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovolds	Coke	Lighter Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel ODERV	Petroleum Coke	Naphtha	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL					
Indigenous Production			0	0			630	443	186			0														310	476	57	168	170	36	10	15						1,418					
Imports			1,443	1,405	33	5	0					10,253	3,488		1,250	500	1,111	590	131	2,765	303	0	68	1	44	3,924	25	57			13	36	10						121		15,766			
Exports			3	0	3	0					8				27	17	0	1,133	15	7	13	0	0	6	0	0	0			0			0						7		1,251			
Mar. Bunkers			0									114						66		48																				114				
Stock Change			159	154	4		1	111	113	-0	-1	180	-22		4	-19	48	131	3	42	-9	3	0	0	0	-5	-7													438				
Primary Energy Supply (incl non-energy)			1,599	1,559	33	0	7	733	556	186	-9	9,085	3,466	0	1,227	464	1,159	-479	119	2,745	287	-10	68	1	38	4,229	494	57	168	182	36	10	22	1	16	0	114	0	16,255					
Primary Energy Requirement (excl. non-energy)			1,599	1,559	33	0	7	733	556	186	-9	9,085	3,466	0	1,227	464	1,159	-479	119	2,745	287	-10	68	1	38	4,229	494	57	168	182	36	10	22	1	16	0	114	0	16,255					
Transformation Input			1,172	1,172	0	0	0	539	539	0	0	3,864	3,466	8	0	0	0	376	0	14	0	0	0	0	0	2,737	34	0	0	2	36	5	0	0	0	0	63	0	14,418					
Public Thermal Power Plants			1,172	1,172			449	449	0			390		8	0			376		14						2,501	36			0	36								63	0	14,459			
Combined Heat and Power Plants			0	0			8	8				8						0	0	0						235	7			2	5								47	0	259			
Pumped Storage Consumption			0	0																																			47	0	47			
Briquetting Plants			0				82	82				0															0														82	0	3,481	
Oil Refineries & other energy sector			0									3,466	3,466													0														16	0	3,481		
Transformation Output			0	0	0	0	95	0	0	95	0	3,364	0	100	525	211	0	1,231	40	1,246	0	10	0	0	0	0	15	0	0	1	12	1	0	0	0	0	2,231	0	5,704					
Public Thermal Power Plants																											12				1	12								2,044	0	2,056		
Combined Heat and Power Plants - Electricity			0				0					0															3				1		1							157	0	160		
Combined Heat and Power Plants - Heat																											0													30	0	30		
Pumped Storage Generation																																									95	0	3,364	
Briquetting Plants							95				95	0															0															95	0	3,364
Oil Refineries							0					3,364		100	525	211	0	1,231	40	1,246			10																			95	0	3,364
Exchanges and transfers			15	-11	26	0	0	0	0	0	0	-6	0	0	-7	190	-190	26	0	-10	-15	0	0	0	0	0	-240	-57	-168	-1	-12	-1	0	0	0	0	240	0	10	0	0	10		
Electricity																											-240														240	0	10	
Heat																																									0	0	0	
Other			15	-11	26							-6			-7	190	-190	26		-10	-15							-240	-57	-168	-1	-12	-1	0	0	0	0	240	0	10	0	10		
Own Use and Distribution Losses			0					16				130		92				32	4	2						57	0													296		439		
Available Final Energy Consumption			443	377	59	0	7	271	0	186	85	8,450	0	0	1,745	866	969	371	155	3,965	271	0	68	1	38	1,435	225	0	0	0	180	0	5	22	1	16	0	2,227	0	13,051				
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	108	0	0	0	0	0	0	0	0	0	0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	0	108		
Final non-Energy Consumption (Feedstocks)			0				0					0																													0	0	0	
Final Energy Consumption			443	352	62	0	7	271	0	186	85	8,450	0	0	1,886	913	1,043	369	161	3,900	271	1	68	1	38	1,451	225	0	0	180	0	5	22	1	16	0	2,224	0	13,046					
Industry*			186	186	0		1	0	0	0	0	1,007	0	0	0	124	0	359	103	181	239	1	0	0	0	518	153	0	0	151	1	0	0	0	0	0	0	729	0	2,593				
Non-Energy Mining	13-14		0	0	0							79			6	7	1	65	0							11	0													58		148		
Food & beverages	15		25	25				0	0			198			71	7	12	36	0							110	59			57		1								143		536		
Textiles and textile products	17 - 18		0	0								5			1	1	1	2	0							0	0													7		12		
Wood and wood products	20		0	0								10			3	4	0	3	0							2	94			94										33		139		
Pulp, paper, publishing and printing	21 - 22		0	0								2			0	0	0	1	0							2	0													16		21		
Chemicals & man-made fibres	24		0	0								53			19	3	10	0								64	0													119		236		
Rubber and plastic products	25		0	0								14			1	10	3	0								5	0													37		56		
Other non-metallic mineral products	26		152	152								319			15	17	4	43	239							34	0									0	81		586					
Basic metals and fabricated metal products	27 - 28		0	0								233			0		223	7	3	0						177	0												50		460			
Machinery and equipment n.e.c.	29		0	0								9			2	3	2	0								7	0													18		33		
Electrical and optical equipment	30 - 33		0	0								72			2	3	58	8	0							100	0													104		276		
Transport equipment manufacture	34 - 35		0	0								0			0	0	3	0	0	0						4	0													6		12		
Other manufacturing	31-33, 12 & 15		8	8			0					12			3	3	2	3	0	1						2	0													56		78		
Transport			0	0	0	0	0	0	0	0	0	5,689	0	0	1,886	0	1,043	0	1	2,759	0	0	0	0	0	0	22	0	0	0	0	0	0	22	0	0	0	0	4	0	5,715		1,145	
Road Freight							0					1,138								1,138							7														0		0	
Road Light Goods Vehicle												0															0	0													0		0	
Road Private Car												2,081			1,562				1		518						8													0		2,088		
Public Passenger Services												167			42					124							1														168		0	
Rail												43								43							0													4		47		
Domestic Aviation												24			2																										24		0	
International Aviation												1,021					1,021																									1,021		0
Fuel Tourism												518			83						435						3															521		0
Navigation												64																													64		0	
Unspecified								</																																				

the CIP 2007.

**Last Updated : 29th September 2017**

Statistical differences may exist for crude oil between the calculated primary energy requirement and the observed refinery input.

## Ireland's Energy Balance 2006

2006	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lighter / Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel / DERV	Petroleum Coke	Naphta	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL		
Indigenous Production			0	0			824	628	196		0															410	433	62	139	181	25	10	3	1	11	0			1,666		
Imports			1,640	1,595	39		6	0				10,779	3,255		1,246	450	1,214	1,037	132	2,829	261	0	314	2	38	3,608	2											154		16,183	
Exports			6	2	4		0	10			10				99	8	0	1,065	18	124	0	3	0	0	7	0	0											1		1,342	
Mar. Bunkers			0									130						49		81						0														130	
Stock Change			-4	3	-5		-2	-57	-47	0	-10	-26	-51		4	-34	64	-15	-2	-4	15	-4	0	0	0	-71	0													-158	
Primary Energy Supply (incl non-energy)			1,631	1,596	31	0	4	757	581	196	-20	9,297	3,204	0	1,151	408	1,278	-92	112	2,620	276	-7	314	2	31	3,947	435	62	139	183	25	10	3	1	11	0	153	0	16,220		
Primary Energy Requirement (excl. non-energy)			1,631	1,596	31	0	4	757	581	196	-20	8,950	3,204	0	1,151	408	1,278	-92	112	2,620	276	-7	314	2	31	3,947	435	62	139	183	25	10	3	1	11	0	153	0	15,972		
Transformation Input			1,217	1,217	0	0	0	564	564	0	0	3,889	3,203	7	0	0	0	625	0	54	0	0	0	0	0	2,411	32	0	0	3	25	4	0	0	0	0	62	0	8,174		
Public Thermal Power Plants			1,217	1,217	0	0	0	564	564	0	0	3,889	3,203	7	0	0	0	625	0	54	0	0	0	0	0	2,227	26	0	0	3	25	4	0	0	0	0	62	0	4,602		
Combined Heat and Power Plants			0	0				9	9			7		7				0	0	0						184	6			2		4							206		
Pumped Storage Consumption																																							49		
Briquetting Plants			0					101	101			0															0													101	
Oil Refineries & other energy sector			0					0				3,203	3,203													0	0													12	3,215
Transformation Output			0	0	0	0	0	98	0	0	98	3,329	0	106	677	241	0	1,083	56	1,158	0	9	0	0	0	0	11	0	0		1	9	1	0	0	0	0	2,152	0	5,590	
Public Thermal Power Plants			0					0				0														9	0	9											1,984	1,993	
Combined Heat and Power Plants - Electricity			0					0				0														2													137	0	
Combined Heat and Power Plants - Heat																										0													31	31	
Pumped Storage Generation																																								98	
Briquetting Plants								98			98	0														0														98	
Oil Refineries								0				3,329		106	677	241	0	1,083	56	1,158		9				0														3,329	
Exchanges and transfers			12	-11	23	0	0	0	0	0	0	-23	0	0	-11	275	-275	3	0	-2	-12	0	0	0	0	0	-213	-62	-139	-1	-9	-1	0	0	0	0	213	0	-11		
Electricity																											-213	-62	-139	-1	-9	-1						213	0	0	
Heat																																								0	
Other			12	-11	23							-23			-11	275	-275	3		-2	-12					0														-11	
Own Use and Distribution Losses			0				17	17				138		99				33	6	1						66	0											299		520	
Available Final Energy Consumption			426	368	54	0	4	275	0	196	79	8,576	1	0	1,816	924	1,004	336	162	3,721	263	2	314	2	31	1,469	201	0	0	180	0	6	3	1	11	0	2,158	0	13,105		
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	348	0	0	0	0	0	0	0	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	348	
Final non-Energy Consumption (Feedstocks)			0									348	0	0																									348		
Total Final Energy Consumption			426	368	58	0	4	284	0	196	88	8,340	0	0	1,849	916	988	381	162	3,779	263	1	0	0	0	1,468	201	0	0	181	0	6	3	1	11	0	2,225	0	12,947		
Industry*			183	183	0		0	0	0	0	0	1,024	0	0	0	124	0	372	102	190	235	1	0	0	0	527	164	0	0	162		2	0	0	0	0	773	0	2,672		
Non-Energy Mining	13-14		0	0			0	0	0	0	0	91				16		16	0	58						18	0											58	167		
Food & beverages	15		32	32			0	0				191				69		69	12	41	0					154	58											162	597		
Textiles and textile products	17 - 18		0	0			0					8			1	1	1	5	0							0	0											9	17		
Wood and wood products	20		0	0			0					4			0	0	0	3	0						3	106											33	146			
Pulp, paper, publishing and printing	21 - 22		0	0			0					6			1	1	0	3	0						6	0												26	38		
Chemicals & man-made fibres	24		0	0			0					47			13	13	11	10	0						92	0												123	262		
Rubber and plastic products	25		0	0			0					13			1	1	8	4	0						4	0												40	59		
Other non-metallic mineral products	26		150	150			0					290			7	7	5	35	235						49	0												86	574		
Basic metals and fabricated metal products	27 - 28		0	0			0					259			0	248	7	4	0						152	0												18	429		
Machinery and equipment n.e.c.	29		0	0			0					9			2	3	2	0							8	0												19	36		
Electrical and optical equipment	30 - 33		0	0			0					92			9	52	22	0							31	0												153	276		
Transport equipment manufacture	34 - 35		0	0			0					4			1	0	2	1	0						7	0												12	23		
Other manufacturing	31-33, 12 & 15		0	0			0			0	12				3	3	1	3	0	1					2	0												34	47		
Transport			0	0	0	0	0	0	0	0	0	5,428	0	0	1,849	0	988	0	1	2,590	0	0	0	0	0	0	3	0	0	0	0	0	0	3	0	0	0	5	0	5,436	
Road Freight			0				0					1,075								1,075						0													1,076		
Road Light Goods Vehicle																																						0			
Road Private Car			0				0					2,005			1,539				1	466						2											0	2,007			
Public Passenger Services			0				0					160			39					121						0												160			
Rail			0				0					40								40						0												5	45		
Domestic Aviation			0				0					26			2		24								0													26			
International Aviation			0				0					964				964									0													964			
Fuel Tourism			0				0					407			72					335						0												407			
Navigation			0				0					81								81						0												81			
Unspecified			0				0					670			198			0		473						0												671			
Residential			219	159	57		4	284		196	88	1,116		0	792		0	50	245	29						632	27			17				1	10		695				

## Ireland's Energy Balance 2005

2005	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lighter Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel / DERV	Petroleum Coke	Naphtha	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL		
Indigenous Production			0	0			816	633	183			0														462	373	54	96	180	25	9	1	0	7	0	176	0	1,651		
Imports			1,906	1,844	37		25	0				11,214	3,342		1,272	426	1,177	1,115	134	2,940	325	16	362	2	103	3,016	0											176	0	16,312	
Exports			9	5	4		0	10			10	1,534	0		187	36	0	999	23	254	6	23	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,554	
Mar. Bunkers			0									107								83						0	0												107		
Stock Change			-16	-13	-3		-0	-41	-47	0	5	18	39		17	37	-52	-2	-4	3	-23	1	0	0	0	0	-0	0											-39		
Primary Energy Supply (incl non-energy)			1,882	1,827	31	0	24	765	586	183	-5	9,591	3,381	0	1,103	427	1,125	90	107	2,606	295	-5	362	2	97	3,477	373	54	96	180	25	9	1	0	7	0	176	0	16,264		
Primary Energy Requirement (excl. non-energy)			1,882	1,827	31	0	24	765	586	183	-5	9,130	3,381	0	1,103	427	1,125	90	107	2,606	295	-5	362	0	0	0	3,477	373	54	96	180	25	9	1	0	7	0	176	0	15,803	
Transformation Input			1,422	1,422	0	0	0	570	570	0	0	4,177	3,384	8	0	0	0	718	0	68	0	0	0	0	0	2,044	30	0	0	0	25	2	0	0	0	0	0	60	0	8,303	
Public Thermal Power Plants			1,417	1,417				489	489	0		785						718		68						1,959	25	0	0	0	25								4,675		
Combined Heat and Power Plants			6	6				7	7			8		8				0	0	0						85	5			2		2							111		
Pumped Storage Consumption																																							46		
Briquetting Plants			0					74	74			0														0	0												74		
Oil Refineries & other energy sector			0					0				3,384	3,384													0	0												14	3,398	
Transformation Output			0	0	0	0	0	95	0	0	95	3,330	0	109	727	252	0	1,037	64	1,135	0	5	0	0	0	0	11	0	0	1	9	1	0	0	0	0	2,073	0	5,509		
Public Thermal Power Plants			0					0				0														9	0	9											1,991	2,000	
Combined Heat and Power Plants - Electricity			0					0				0														2		1		1								53	0	55	
Combined Heat and Power Plants - Heat																										0												30	30		
Pumped Storage Generation																																							95		
Briquetting Plants								95			95	0														0	0												3,330		
Oil Refineries								0				3,330		109	727	252	0	1,037	64	1,135		5				0													0	1	
Exchanges and transfers			17	-11	28	0	0	0	0	0	0	-16	0	0	1	302	-301	13	0	-12	-17	0	0	0	0	0	-161	-54	-96	-1	-9	-1	0	0	0	0	161	0	1		
Electricity																											-161	-54	-96	-1	-9	-1							161	0	0
Heat																																							0	0	
Other			17	-11	28							-16			1	302	-301	13		-12	-17					0													1		
Own Use and Distribution Losses								16	16			144		101				30	7	6						67	0											276	0	503	
Available Final Energy Consumption			476	393	58	0	24	274	0	183	91	8,583	-3	0	1,831	980	824	393	163	3,656	278	0	362	2	97	1,367	194	0	0	178	0	7	1	0	7	0	2,074	0	12,968		
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	461	0	0	0	0	0	0	0	0	0	0	0	0	362	2	97	0	0	0	0	0	0	0	0	0	0	0	0	461	
Final non-Energy Consumption (Feedstocks)												461													362	2	97	0	0	0	0	0	0	0	0	0	0	0	0	461	
Total Final Energy Consumption			484	399	61	0	24	274	0	183	91	8,196	0	0	1,822	919	857	500	166	3,653	278	1	0	0	0	1,367	191	0	0	176	0	7	1	0	7	0	2,094	0	12,607		
Industry*			212	212	0			0	0	0	0	1,136	0	0	0	124	0	472	103	199	237	1	0	0	0	462	163	0	0	159		4	0	0	0	0	0	660	0	2,533	
Non-Energy Mining	13-14		0	0				0				77				12		12	0	54	0					24	0										50	151			
Food & beverages	15		53	53				0	0			160				50	51	24	34	0					178	54						4					142	587			
Textiles and textile products	17 - 18		8	8				0				14			2	2	6	4	0						1	0											8	31			
Wood and wood products	20		0	0				0				5			1	1	0	3	0						3	109			109								28	146			
Pulp, paper, publishing and printing	21 - 22		0	0				0				9			2	2	1	5	0						9	0											24	42			
Chemicals & man-made fibres	24		0	0				0				51			17	17	1	16	0						119	0											108	279			
Rubber and plastic products	25		2	2				0				8			0	0	2	6	0						8	0											33	52			
Other non-metallic mineral products	26		148	148				0				316			11	11	8	50	237						59	0											64	587			
Basic metals and fabricated metal products	27 - 28		0	0				0				357			0	345	6	6	0						7	0												42	406		
Machinery and equipment n.e.c.	29		1	1				0				9			2	2	3	2	0						12	0												16	38		
Electrical and optical equipment	30 - 33		0	0				0				112			25	25	49	13	0						33	0												117	261		
Transport equipment manufacture	34 - 35		0	0				0				5			1	1	2	1	0						6	0												9	20		
Other manufacturing	31-33, 12 & 15		0	0				0			0	13			3	3	1	4	0	1					2	0												18	34		
Transport			0	0	0	0	0	0	0	0	0	5,075	0	0	1,822	0	857	18	1	2,378	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	5	0	5,082	
Road Freight								0				1,112								1,112						0													1,112	0	
Road Light Goods Vehicle																										0													0		
Road Private Car			0					0				1,892			1,501				1	390						0												1,893			
Public Passenger Services			0					0				157			37					120						0												157			
Rail			0					0				40								40						0												5	45		
Domestic Aviation			0					0				22			2		20									0												22			
International Aviation			0					0				837				837										0												837			
Fuel Tourism			0					0				387			72					315						0												387			
Navigation			0					0				50								50						0												50			
Unspecified			0					0				580			210		18			352						0												580			
Residential			246	163	59		24	273		183	90	1,145		0	795	0	53	256	41							607	23			16			</								

## Ireland's Energy Balance 2004

2004	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lighter Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel / DERV	Petroleum Coke	Naphta	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL		
Indigenous Production			0	0			906	729	177			0														690	286												1,882		
Imports			1,857	1,796	42		19	0				10,183	2,959		1,267	404	1,016	1,298	126	2,596	271	0	208	2	34	2,965	0	54	56	141	20	10	0	0	4	0	135		15,141		
Exports			9	3	5		0	10			10	1,256	0		130	14	0	928	23	128	0	27	0	0	6	0	0										0		1,274		
Mar. Bunkers			0									153						48		104						0													153		
Stock Change			-50	-44	-2		-4	-313	-321	-0	9	142	33		85	-2	72	-53	0	14	-13	6	0	0	0	-2	0												-222		
Primary Energy Supply (incl non-energy)			1,799	1,748	35	0	16	583	407	177	-1	8,917	2,992	0	1,223	388	1,088	269	104	2,378	258	-21	208	2	28	3,653	286	54	56	141	20	10	0	0	4	0	135	0	15,373		
Primary Energy Requirement (excl. non-energy)			1,799	1,748	35	0	16	583	407	177	-1	8,917	2,992	0	1,223	388	1,088	269	104	2,378	258	-21	208	2	28	3,653	286	54	56	141	20	10	0	0	4	0	135	0	15,373		
Transformation Input			1,365	1,365	0	0	0	430	430	0	0	3,761	2,992	8	0	0	0	721	0	38	0	0	0	0	0	2,251	25	0	0	2	20	2	0	0	0	0	64	0	7,895		
Public Thermal Power Plants			1,362	1,362				330	330	0		761						721		39						2,157	20				20								4,629		
Combined Heat and Power Plants			3	3				7	7			8		8				0	0	0						94	5			2		2							117		
Pumped Storage Consumption																																							47		
Briquetting Plants			0					93	93			0														0														93	
Oil Refineries & other energy sector			0					0				2,992	2,992													0	0													3,008	
Transformation Output			0	0	0	0	0	91	0	0	91	2,982	0	98	588	266	0	951	60	997	0	22	0	0	0	0	9	0	0		1	7	1	0	0	0	2,081	0	5,164		
Public Thermal Power Plants								0																															1,993		
Combined Heat and Power Plants - Electricity			0					0				0																											60		
Combined Heat and Power Plants - Heat																																							0		
Pumped Storage Generation																																							30		
Briquetting Plants								91			91	0														0														91	
Oil Refineries								0				2,982		98	588	266	0	951	60	997		22				0														2,982	
Exchanges and transfers			12	-11	22	0	0	0	0	0	0	-15	0	0	9	254	-255	7	0	-19	-12	0	0	0	0	0	-120	-54	-56	-1	-7	-1	0	0	0	0	120	0	-4		
Electricity																											-120	-54	-56	-1	-7	-1								120	0
Heat																																								0	
Other			12	-11	22							-15			9	254	-255	7		-19	-12					0														-4	
Own Use and Distribution Losses			0				25	25				123		90				18	7	8						53	0													475	
Available Final Energy Consumption			446	373	57	0	16	220	-47	177	90	8,001	0	0	1,819	909	833	488	156	3,309	247	1	208	2	28	1,349	151	0	0	139	0	7	0	0	4	0	1,998	0	12,164		
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	238	0	0	0	0	0	0	0	0					208	2	28	0	0	0	0	0	0	0	0	0	0	0	0	238	
Final non-Energy Consumption (Feedstocks)			0									238																											238		
Total Final Energy Consumption			452	376	60	0	15	267	0	177	90	7,707	0	0	1,731	895	743	512	149	3,430	247	1	0	0	0	1,353	151	0	0	139	0	7	0	0	4	0	1,983	0	11,912		
Industry*			194	194	0		0	0	0	0	0	1,098	0	0	0	120	0	483	92	186	215	1	0	0	0	477	129	0	0	124		5	0	0	0	0	582	0	2,491		
Non-Energy Mining	13-14		0	0								44						5	0	37						35	0											49			
Food, beverages and tobacco	15-16		24	24								128				16		63	6	44	0					169	45												128		
Textiles and textile products	17-18		11	11								11				1		3	2	5	0					1	0												31		
Wood and wood products	20		0	0								13				2		6	0	5	0					4	84											126			
Pulp, paper, publishing and printing	21-22		1	1								8				1		3	1	3	0					22	0												57		
Chemicals & man-made fibres	24		0	0								49				6		25	2	16	0					119	0												87		
Rubber and plastic products	25		0	0								6				0		1	1	5	0					9	0												27		
Other non-metallic mineral products	26		158	158								272				3		11	4	39	215					13	0												43		
Basic metals and fabricated metal products	27-28		0	0								446				87		348	3	7	0					53	0												37		
Machinery and equipment n.e.c.	29		0	0								9				1		3	3	3	0					13	0												36		
Electrical and optical equipment	30-33		0	0								90				2		7	69	12	0					27	0													19	
Transport equipment manufacture	34-35		0	0								3				0		1	0	2	0					8	0													8	
Other manufacturing	31-33, 12 & 15		0	0								19				2		8	1	7	0	1				2	0													22	
Transport			0	0	0	0	0	0	0	0	0	4,740	0	0	1,731	0	743	18	1	2,248	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4,744	
Road Freight			0									1,075								1,075							0													1,075	
Road Light Goods Vehicle																																							0		
Road Private Car			0									1,817								1	372						0													1,817	
Public Passenger Services			0									130								95							0													130	
Rail			0									45								45							0													49	
Domestic Aviation			0									24								22						0														24	
International Aviation			0									720								720						0														720	
Fuel Tourism			0									574														0														574	
Navigation			0									55								55						0														55	
Unspecified			0									300						18		200						0														300	
Residential			231	158	59		15	266		177	89	1,094			0	775		0	49	239	31					601	19			15				0	4		632		2,843		
Commercial/Public Services			27	25	1	0	0	0	0	0	0	461	0	0	0	0	0	11	7	443	0	0	0	0	0	275															

## Ireland's Energy Balance 2003

2003	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lighter Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel / DERV	Petroleum Coke	Naphta	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL
Indigenous Production			0	0			1,056	879	177			0														545	237	51	39	119	16	9	0	0	2	0	101	0	1,838
Imports			1,678	1,616	38		24	0				10,170	3,323		1,185	383	1,043	1,159	115	2,433	271	0	223	3	30	3,140	0			119	16	9	0	0	2	0	101	0	15,088
Exports			7	1	5		0	12			12		87		203	57	12	1,065	24	122	1	27	34	0	6	0	0			0			0	0	2	0	1	0	1,657
Mar. Bunkers			0									174						63		111						0												174	
Stock Change			74	78	0		-4	-239	-222	0	-17	-46	50		31	3	-216	-3	0	89	5	-5	0	0	0	-25	0			0			0					-237	
Primary Energy Supply (incl non-energy)			1,745	1,693	33	0	19	805	657	177	-29	8,312	3,287	0	1,013	329	815	29	91	2,289	275	-33	189	3	24	3,659	237	51	39	119	16	9	0	0	2	0	100	0	14,858
Primary Energy Requirement (excl. non-energy)			1,745	1,693	33	0	19	805	657	177	-29	8,312	3,287	0	1,013	329	815	29	91	2,289	275	-33	189	3	24	3,659	237	51	39	119	16	9	0	0	2	0	100	0	14,858
Transformation Input			1,327	1,327	0	0	0	645	645	0	0	3,894	3,287	8	0	0	0	571	0	28	0	0	0	0	0	2,356	19	0	0	0	16	2	0	0	0	0	64	0	8,304
Public Thermal Power Plants			1,323	1,323				502	502	0		599														2,268	16				16							4,709	
Combined Heat and Power Plants			4	4				9	9	0		599		8				0	0	0						88	2			0		2					47	111	
Pumped Storage Consumption																																					47	47	
Briquetting Plants			0					134	134			0														0												134	
Oil Refineries & other energy sector			0					0				3,287	3,287													0	0										16	3,303	
Transformation Output			0	0	0	0	0	124	0	0	124	3,229	0	105	681	333	0	990	66	1,022	0	33	0	0	0	0	7	0	0	0	6	1	0	0	0	0	2,072	0	5,432
Public Thermal Power Plants								0				0														6					6						1,987	56	
Combined Heat and Power Plants - Electricity								0				0														1					0						55	0	
Combined Heat and Power Plants - Heat								0				0														0											31	31	
Pumped Storage Generation																																						124	124
Briquetting Plants								124			124	0														0												3,229	
Oil Refineries								0				3,229		105	681	333	0	990	66	1,022		33	0	0	0	0	0											0	-0
Exchanges and transfers			14	-7	21	0	0	0	0	0	0	-14	0	0	1	207	-204	20	0	-24	-14	0	0	0	0	0	-98	-51	-39	0	-6	-1	0	0	0	0	98	0	0
Electricity																																					98	0	
Heat																																						0	0
Other			14	-7	21							-14			1	207	-204	20		-24	-14					0												-0	0
Own Use and Distribution Losses			0				25	25				124		97				18	3	6						49	0										274	471	
Available Final Energy Consumption			432	359	54	0	19	258	-14	177	94	7,508	0	0	1,694	869	611	449	154	3,253	261	0	189	3	24	1,255	128	0	0	119	0	7	0	0	2	0	1,933	0	11,514
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	216	0	0	0	0	0	0	0	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	217
Final non-Energy Consumption (Feedstocks)			0									216																										217	
Total Final Energy Consumption			441	367	55	0	19	271	0	177	94	7,531	0	0	1,686	832	784	509	146	3,311	262	1	0	0	0	1,280	128	0	0	119	0	7	0	0	2	0	1,981	0	11,632
Industry*			175	175	0		0	0	0	0	0	1,098	0	0	0	121	0	480	89	197	210	1	0	0	0	437	108	0	0	104	4	0	0	0	0	626	0	2,445	
Non-Energy Mining	13-14		0	0			0					69				2		7	0	42	18					32	0									47	149		
Food, beverages and tobacco	15 - 16		25	25								181				20		78	10	44	29					152	44				4						153	555	
Textiles and textile products	17 - 18		11	11								21				1		5	9	6	0					2	0									10	44		
Wood and wood products	20		0	0								11				1		6	0	4	0					2	64									27	104		
Pulp, paper, publishing and printing	21 - 22		0	0								8				1		3	1	4	0					23	0										28	59	
Chemicals & man-made fibres	24		0	0								54				7		29	2	16	0					108	0									98	261		
Rubber and plastic products	25		0	0								8				0		1	2	6	0					7	0									29	44		
Other non-metallic mineral products	26		134	134								197				3		13	4	35	140					48	0									48	427		
Basic metals and fabricated metal products	27 - 28		0	0								420				82		323	8	6	0					9	0									38	467		
Machinery and equipment n.e.c.	29		0	0								35				1		3	6	3	23					12	0									16	63		
Electrical and optical equipment	30 - 33		5	5								76				1		6	45	23	0					27	0									101	210		
Transport equipment manufacture	34 - 35		0	0								3				0		1	1	2	0					9	0									9	21		
Other manufacturing	31-33, 12 & 15		0	0								0				1		6	1	5	0	1				5	0									23	42		
Transport			0	0	0	0	0	0	0	0	0	4,546	0	0	1,686	0	784	17	1	2,059	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4,548
Road Freight			0									1,018								1,018																		1,018	
Road Light Goods Vehicle																																						0	
Road Private Car			0									1,746			1,402					1	343						0										1,746		
Public Passenger Services			0									130			31					99							0										130		
Rail			0									42									42						0										44		
Domestic Aviation			0									25			2		24									0											25		
International Aviation			0									760					760									0											760		
Fuel Tourism			0									610			176												0										610		
Navigation			0									39								39							0										39		
Unspecified			0									176			76			17		84							0										176		
Residential			239	167	53		18	270		177	93	1,059			0	710		0	50	248	51					539	18			15			0	2		599	2,724		
Commercial/Public Services			27	25	1	0	1	1	0	0	1	508	0	0	0	0	0	13	7	488	0	0	0	0	0	303	3	0	0	0	0	2	0	0	0	702	0	1,544	
Commercial Services			27	25	1		1	0				329				0</																							

## Ireland's Energy Balance 2002

2002	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lighter Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel / DERV	Petroleum Coke	Naphta	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL	
Indigenous Production			0	0			606	428	178			0														679	262	78	33	125	19	4	0	0	1	0			1,547	
Imports			1,808	1,748	35		25	0				10,476	3,402		1,101	363	1,046	1,474	116	2,400	256	0	221	70	26	3,007	0						0	0	1	0		49		15,340
Exports			10	3	7		0	8			8	1,581	89		173	99	0	1,021	26	52	0	30	84	0	7	0	0				0		0	0	0		5		1,605	
Mar. Bunkers			0									146						51		95						0	0												146	
Stock Change			-51	-51	0		0	289	286	0	3	-130	-61		-6	1	3	46	0	-112	0	-1	0	0	0	0	0						0	0					108	
Primary Energy Supply (incl non-energy)			1,747	1,694	28	0	26	887	714	178	-5	8,618	3,252	0	922	265	1,049	448	90	2,141	256	-32	137	70	19	3,686	262	78	33	125	19	4	0	0	1	0	43	0	15,244	
Primary Energy Requirement (excl. non-energy)			1,747	1,694	28	0	26	887	714	178	-5	8,618	3,252	0	922	265	1,049	448	90	2,141	256	-32	137	70	19	3,686	262	78	33	125	19	4	0	0	1	0	43	0	14,885	
Transformation input			1,468	1,468	0	0	0	679	679	0	0	4,150	3,252	8	0	0	0	870	0	20	0	0	0	0	0	2,069	19	0	0	0	19	0	0	0	0	0	61	0	8,446	
Public Thermal Power Plants			1,465	1,465				538	538	0	0	890						870		20						1,970	19	0	0	0	19	0	0	0	0	0			4,882	
Combined Heat and Power Plants			3	3				16	16			8		8				0	0	0						99	0				0	0							126	
Pumped Storage Consumption																																							46	
Briquetting Plants			0					125	125			0															0													125
Oil Refineries & other energy sector			0					0				3,252	3,252													0	0													3,267
Transformation Output			0	0	0	0	0	121	0	0	121	3,252	0	99	703	331	0	1,031	68	988	0	32	0	0	0	0	7	0	0	0	7	0	0	0	0	0	2,048	0	5,428	
Public Thermal Power Plants								0				0															7			0	7	0	0	0	0	0			1,971	
Combined Heat and Power Plants - Electricity								0				0															0			0	7	0	0	0	0	0			54	
Combined Heat and Power Plants - Heat								0				0															0												0	
Pumped Storage Generation																																							30	
Briquetting Plants								121			121	0															0													121
Oil Refineries								0				3,252		99	703	331	0	1,031	68	988		32					0													3,252
Exchanges and transfers			12	-11	22	0	0	0	0	0	0	-12	0	0	0	192	-192	13	0	-13	-12	0	0	0	0	0	-119	-78	-33	0	-7	0	0	0	0	0	119	0	-0	
Electricity																											-119	-78	-33	0	-7	0	0	0	0	0	0	119	0	-0
Heat																																							0	
Other			12	-11	22							-12			0	192	-192	13		-13	-12						0												-0	
Own Use and Distribution Losses			0					14	14			124		91				22	3	7						47	0												278	463
Available Final Energy Consumption			291	215	50	0	26	314	21	178	116	7,585	0	0	1,625	789	857	600	154	3,089	244	0	137	70	19	1,570	131	0	0	125	0	4	0	0	1	0	1,871	0	11,762	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	226	0	0	0	0	0	0	0	0	0					137	70	19	352	0	0	0	0	0	0	0	0	0	0	579
Final non-Energy Consumption (Feedstocks)			0									226																											579	
Total Final Energy Consumption			374	292	56	0	26	293	0	178	116	7,440	0	0	1,688	767	802	548	149	3,242	243	1	0	0	0	1,199	131	0	0	125	0	4	0	0	1	0	1,872	0	11,309	
Industry*			122	122	0		0	0	0	0	0	1,100	0	0	0	105	0	516	88	193	197	1	0	0	0	432	113	0	0	109		4	0	0	0	0	672	0	2,440	
Non-Energy Mining	13-14		0	0								90						2	9	1	44	34				32	0											168		
Food, beverages and tobacco	15 - 16		15	15								231						101	14	41	55					146	4				4							45		
Textiles and textile products	17 - 18		7	7								31						7	16	6	0					2	0											13		
Wood and wood products	20		0	0								9						6	0	2	0					1	109										29			
Pulp, paper, publishing and printing	21 - 22		0	0								8						2	0	5	0					26	0											29		
Chemicals & man-made fibres	24		0	0								60						7	35	3	14	0				106	0											112		
Rubber and plastic products	25		0	0								9						1	3	6	0					6	0											31		
Other non-metallic mineral products	26		95	95								119						3	17	4	29	66				7	0											51		
Basic metals and fabricated metal products	27 - 28		0	0								407						66	323	13	5	0				47	0												40	
Machinery and equipment n.e.c.	29		0	0								58						1	3	8	3	43				13	0												17	
Electrical and optical equipment	30 - 33		5	5								63						6	24	33	0					30	0												108	
Transport equipment manufacture	34 - 35		0	0								4						1	1	2	0					10	0												10	
Other manufacturing	31-33, 12 & 15		0	0								10						4	1	3	0	1				7	0											24		
Transport			0	0	0	0	0	0	0	0	0	4,498	0	0	1,688	0	802	18	1	1,989	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4,499
Road Freight												918															0												918	
Road Light Goods Vehicle																																							0	
Road Private Car			0									1,697			1,364				1	332							0												1,697	
Public Passenger Services			0									113			26					88							0												113	
Rail			0									38								38							0												40	
Domestic Aviation			0									24			1		23									0													24	
International Aviation			0									779					779										0												779	
Fuel Tourism			0									693															0												693	
Navigation			0									34															0												34	
Unspecified			0									200						18		65							0												200	
Residential			252	170	56		26	290		178	113	1,010			0	663	0	52	248	46						476	17				16			0	1		566		2,611	
Commercial/Public Services			0	0	0	0	0	3	0	0	3	529	0	0	0	0	0	14	7	507	0	0	0	0	0</															

## Ireland's Energy Balance 2001

2001	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lighter Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel DERV	Petroleum Coke	Naphta	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL	
Indigenous Production			0	0			883	705	178			0														660	234	51	29	125	24	4	0	0	0	0	3		1,776	
Imports			1,892	1,831	40		20	0				10,353	3,429		1,066	350	910	1,803	118	2,140	299	0	198	2	37	2,931	0													15,180
Exports			6	2	5		0	8			8	1,445	0		132	17	0	1,079	19	49	0	14	131	0	5	0	0										25		1,485	
Mar. Bunkers			0									165						35		129						0													165	
Stock Change			-8	-8	0			-12	-14	0	2	-155	8			11	-3	-51	-57	-2	-63	0	2	0	0	0	0												-175	
Primary Energy Supply (incl non-energy)			1,877	1,821	35	0	21	863	691	178	-6	8,588	3,437	0	945	330	859	631	97	1,899	299	-12	68	2	32	3,591	234	51	29	125	24	4	0	0	0	0	-22	0	15,131	
Primary Energy Requirement (excl. non-energy)			1,877	1,821	35	0	21	863	691	178	-6	8,486	3,437	0	945	330	859	631	97	1,899	299	-12	68	2	32	3,139	234	51	29	125	24	4	0	0	0	0	-22	0	14,577	
Transformation Input			1,517	1,517	0	0	0	679	679	0	0	4,669	3,437	12	0	0	0	1,195	0	26	0	0	0	0	0	1,855	24	0	0	0	24	0	0	0	0	0	51	0	8,736	
Public Thermal Power Plants			1,514	1,514				537	537	0		1,221						1,195		26						1,765	24				24							5,080		
Combined Heat and Power Plants			3	3				13	13			12		12				0	0	0						90	0				0		0				41		119	
Pumped Storage Consumption																										0												41		130
Briquetting Plants			0					130	130			0														0													130	
Oil Refineries & other energy sector			0					0				3,437	3,437												0	0											10		3,447	
Transformation Output			0	0	0	0	0	119	0	0	119	3,463	0	89	712	254	0	1,115	66	1,213	0	13	0	0	0	0	8	0	0	0	8	0	0	0	0	0	2,058	0	5,649	
Public Thermal Power Plants								0				0													8		8					8						1,980		1,989
Combined Heat and Power Plants - Electricity								0				0													0		0					0					50		50	
Combined Heat and Power Plants - Heat												0													0												28		28	
Pumped Storage Generation																										0												119		119
Briquetting Plants								119			119	0														0													3,463	
Oil Refineries								0				3,463		89	712	254	0	1,115	66	1,213		13				0														0
Exchanges and transfers			21	-7	28	0	0	0	0	0	0	-22	0	0	-1	137	-137	8	0	-8	-21	0	0	0	0	0	-88	-51	-29	0	-8	0	0	0	0	0	88	0	-1	
Electricity																										-88	-51	-29	0	-8	0	0	0	0	0	0	88	0	0	
Heat																																						0		0
Other			21	-7	28							-22			-1	137	-137	8		-8	-21					0													-1	
Own Use and Distribution Losses			0				11	11				111		77				26	3	5						47	0										274		443	
Available Final Energy Consumption			381	297	64	0	21	291	1	178	113	7,249	0	0	1,656	722	723	534	160	3,073	278	1	68	2	32	1,689	130	0	0	125	0	4	0	0	0	0	1,800	0	11,540	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	102	0	0	0	0	0	0	0	0	0				68	2	32	452	0	0	0	0	0	0	0	0	0	0	0	554
Final non-Energy Consumption (Feedstocks)			0									102																											554	
Total Final Energy Consumption			393	311	62	0	21	292	0	179	113	7,402	0	0	1,652	746	755	606	157	3,207	278	1	68	2	32	1,237	130	0	0	125	0	4	0	0	0	0	1,808	0	11,262	
Industry*			129	129	0		0	0	0	0	0	1,171	0	0	0	101	0	571	91	191	216	1	0	0	0	441	113	0	0	109	4	0	0	0	0	0	667	0	2,523	
Non-Energy Mining	13-14		0	0			0					118				2		12	1	47	56					33	0										40		191	
Food, beverages and tobacco	15-16		19	19			0					301				23		130	19	38	90					146	4										161		631	
Textiles and textile products	17-18		8	8			0					43				2		11	24	7	0					2	0										16		69	
Wood and wood products	20		0	0			0					7				1		6	0	0	0				0	109										29		146		
Pulp, paper, publishing and printing	21-22		0	0			0					9				0		2	0	6	0					29	0										27		66	
Chemicals & man-made fibres	24		0	0			0					68				8		43	4	13	0					107	0									119		294		
Rubber and plastic products	25		0	0			0					11				0		1	4	7	0					5	0									30		46		
Other non-metallic mineral products	26		95	95			0					53				4		22	5	22	0					47	0									50		244		
Basic metals and fabricated metal products	27-28		0	0			0					412				59		331	19	4	0					5	0									39		456		
Machinery and equipment n.e.c.	29		0	0			0					89				1		4	12	3	70					14	0									17		120		
Electrical and optical equipment	30-33		7	7			0					51				1		5	2	43	0					33	0										106		197	
Transport equipment manufacture	34-35		0	0			0					4				0		1	2	1	0					11	0										10		26	
Other manufacturing	31-33, 12 & 15		0	0			0				0	5				0		3	1	1	0	1				9	0										23		38	
Transport			0	0	0	0	0	0	0	0	0	4,384	0	0	1,652	0	755	20	2	1,956	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4,387	
Road Freight							0					808									808					0												0		808
Road Light Goods Vehicle																										0												0		0
Road Private Car			0				0					1,642			1,326				2	315						0											0		1,642	
Public Passenger Services			0				0					98			18					81						0												98		98
Rail			0				0					44									44					0											2		46	
Domestic Aviation			0				0					24			2		23								0													24		24
International Aviation			0				0					732					732								0													732		732
Fuel Tourism			0				0					659			199						459					0												659		659
Navigation			0				0					29								29						0												29		29
Unspecified			0				0					349			107			20		222						0												349		349
Residential			264	181	62		21	288		179	109	1,011		0	645		0	57	247	62						482	17				16			0	0		579		2,639	
Commercial/Public Services																																								

## Ireland's Energy Balance 2000

2000	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lighter Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel DERV	Petroleum Coke	Naphtha	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL	
Indigenous Production			0	0			965	790	175		0															960	235	73	21	113	24	4	0	0	0	0	15		2,161	
Imports			1,697	1,643	37		18	0			9,571	3,010		1,080	383	724	1,558	126	2,147	220	0	202	2	119	2,483	0							0	0	0	0	6		13,765	
Exports			6	2	5		0	8		8	1,373	0		21	26	0	1,132	6	36	0	111	35	0	5	0	0							0	0	0	0	6		1,394	
Mar. Bunkers			0								154							36	118						0	0													154	
Stock Change			122	123	0		-1	-154	-165	0	11	98	343	-107	-13	-16	92	-1	-205	3	2	0	0	0	0	0							0	0					67	
Primary Energy Supply (incl non-energy)			1,813	1,764	32	0	17	803	625	175	3	8,142	3,352	0	952	344	708	482	119	1,788	223	-109	167	2	114	3,443	235	73	21	113	24	4	0	0	0	0	8	0	14,444	
Primary Energy Requirement (excl. non-energy)			1,813	1,764	32	0	17	803	625	175	3	7,859	3,352	0	952	344	708	482	119	1,788	223	-109	0	0	0	3,059	235	73	21	113	24	4	0	0	0	0	8	0	13,778	
Transformation Input			1,430	1,430	0	0	0	618	618	0	0	4,391	3,352	12	0	0	0	998	0	29	0	0	0	0	0	1,828	24	0	0	0	24	0	0	0	0	0	48	0	8,339	
Public Thermal Power Plants			1,427	1,427				478	478	0		1,027						998		29						1,743	24				24							4,698		
Combined Heat and Power Plants			4	4				13	13			12		12				0	0	0						85	24				0	0						114		
Pumped Storage Consumption																										0												39		
Briquetting Plants			0					126	126			0														0													126	
Oil Refineries & other energy sector			0					0				3,352	3,352												0	0													3,362	
Transformation Output			0	0	0	0	0	121	0	0	121	3,375	0	71	567	263	0	1,141	53	1,172	0	109	0	0	0	0	8	0	0	0	8	0	0	0	0	0	1,960	0	5,465	
Public Thermal Power Plants								0				0													8	0	8		0	8	0	0	0	0	0	0	0	1,884		1,892
Combined Heat and Power Plants - Electricity			0					0				0													0	0	0		0	0	0	0	0	0	0	0	50		50	
Combined Heat and Power Plants - Heat																									0													0		
Pumped Storage Generation																										0												26		
Briquetting Plants								121			121	0													0														121	
Oil Refineries								0				3,375		71	567	263	0	1,141	53	1,172		109			0														3,375	
Exchanges and transfers			15	-7	23	0	0	0	0	0	0	-16	0	0	-1	49	-48	13	0	-12	-15	0	0	0	0	0	-102	-73	-21	0	-8	0	0	0	0	0	102	0	-1	
Electricity																											-102	-73	-21	0	-8	0	0	0	0	0	102	0	0	
Heat																																						0		
Other			15	-7	23							-16			-1	49	-48	13		-12	-15					0												-1		
Own Use and Distribution Losses			0				5	5				92		59				26	3	4					28	0												285		410
Available Final Energy Consumption			398	326	55	0	17	301	2	175	124	7,019	0	0	1,518	656	659	612	169	2,915	208	0	167	2	114	1,586	118	0	0	113	0	4	0	0	0	0	1,737	0	11,159	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	283	0	0	0	0	0	0	0	0	0			167	2	114	383	0	0	0	0	0	0	0	0	0	0	0	666	
Final non-Energy Consumption (Feedstocks)			0									283												167	2	114	383											666		
Total Final Energy Consumption			398	323	59	0	17	303	0	179	124	7,047	0	0	1,590	660	629	714	153	3,096	205	1	0	0	0	1,203	118	0	0	113	0	4	0	0	0	0	1,745	0	10,814	
Industry*			113	113	0		0	0	0	0	0	1,201	0	0	0	90	0	673	86	190	161	1	0	0	0	471	100	0	0	96	4	0	0	0	0	0	665	0	2,549	
Non-Energy Mining	13-14		0	0			0	0	0	0	0	93				3		22	1	39	28				46	0											40	178		
Food, beverages and tobacco	15 - 16		29	29								292				22		164	16	39	50				158	4					4						156	640		
Textiles and textile products	17 - 18		10	10								38			1		11	18	8	0				2	0												18	68		
Wood and wood products	20		0	0								9			1		6	1	1	0				0	96												29	134		
Pulp, paper, publishing and printing	21 - 22		0	0								10					3	0	7	0				30	0													27	67	
Chemicals & man-made fibres	24		0	0								72				6		48	5	12	0				99	0												115	286	
Rubber and plastic products	25		0	0								14				0		4	2	8	0				5	0												33	52	
Other non-metallic mineral products	26		70	70								94				3		24	7	18	42				48	0												50	263	
Basic metals and fabricated metal products	27 - 28		0	0								447				50		377	12	8	0				11	0												46	504	
Machinery and equipment n.e.c.	29		0	0								57						3	8	5	40				13	0												18	88	
Electrical and optical equipment	30 - 33		4	4								62				1		7	13	41	0				39	0												101	206	
Transport equipment manufacture	34 - 35		0	0								6				0		2	2	2	0				9	0												10	25	
Other manufacturing	31-33, 12 & 15		0	0						0	0	7				0		3	1	1	0	1			10	0												22	39	
Transport			0	0	0	0	0	0	0	0	0	4,101	0	0	1,590	0	629	25	2	1,855	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4,103	
Road Freight			0				0					809								809						0													809	
Road Light Goods Vehicle																										0												0		
Road Private Car			0									1,562		1,269					2	291						0											0	1,562		
Public Passenger Services			0									86		12						75						0												86		
Rail			0									40								40						0											2	42		
Domestic Aviation			0									25		1		23									0													25		
International Aviation			0									606				606									0													606		
Fuel Tourism			0									718		221						496					0													718		
Navigation			0									24								24					0													24		
Unspecified			0									231			86			25		121					0													231		
Residential			286	210	59		17	299		179	120	915			0	570		0	57	244	44					439	17			17				0	0	548		2,504		
Commercial/Public Services			0	0	0	0	0	4	0	0	4	526	0	0	0	0	0	17																						



## Ireland's Energy Balance 1999

1999	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lighter Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel / DERV	Petroleum Coke	Naphtha	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL	
Indigenous Production			0	0			1,135	328	207			0																												2,462
Imports			1,539	1,480	40		20	0				9,632	2,890		1,053	438	545	2,174	119	2,015	148	0	213	2	34	1,898	0			105	23	4	0	0	0	0	25		13,094	
Exports			9	3	6		0	8			8	1,169	0		7	3	0	968	5	10	0	117	51	0	7	0	0			0			0				4		1,190	
Mar. Bunkers			0									175						49		126						0	0												175	
Stock Change			58	61	-2		-1	-258	-243	0	-16	-95	-32		6	-8	5	0	3	-56	-11	-3	0	0	0	0	0	0											-296	
Primary Energy Supply (incl non-energy)			1,588	1,537	31	0	19	869	685	207	-24	8,193	2,858	0	1,052	426	550	1,156	118	1,823	137	-120	162	2	27	3,003	222	73	16	105	23	4	0	0	0	0	21	0	13,895	
Primary Energy Requirement (excl. non-energy)			1,588	1,537	31	0	19	869	685	207	-24	8,091	2,858	0	1,052	426	550	1,156	118	1,823	137	-120	162	2	27	2,593	222	73	16	105	23	4	0	0	0	0	21	0	13,293	
Transformation Input			1,265	1,265	0	0	0	681	677	4	0	4,259	2,858	12	0	0	0	1,363	0	26	0	0	0	0	0	1,512	23	0	0	0	23	0	0	0	0	0	41	0	7,785	
Public Thermal Power Plants			1,265	1,265				518	514	4		1,389						1,363		26						1,447	23			0	23								4,642	
Combined Heat and Power Plants			3	3				10	10			12		12				0	0	0						65	0			0		0							90	
Pumped Storage Consumption																																							32	
Briquetting Plants			0					153	153																		0												153	
Oil Refineries & other energy sector			0					0				2,858	2,858													0	0										10		2,868	
Transformation Output			0	0	0	0	0	146	0	0	146	2,908	0	64	463	187	42	973	43	1,016	0	120	0	0	0	0	8	0	0	0	8	0	0	0	0	0	1,796	0	4,858	
Public Thermal Power Plants								0				0																			8		0	0	0	0		1,742		
Combined Heat and Power Plants - Electricity			0					0				0																			0	8		0	0	0	33		1,750	
Combined Heat and Power Plants - Heat																															0							0		
Pumped Storage Generation																																						21		
Briquetting Plants								146			146	0															0												146	
Oil Refineries								0				2,908		64	463	187	42	973	43	1,016		120																	2,908	
Exchanges and transfers			12	-5	17	0	0	0	0	0	0	1	0	0	0	44	-45	15	0	0	-12	0	0	0	0	0	-97	-73	-16	0	-8	0	0	0	0	0	97	0	14	
Electricity																																							0	
Heat																																							0	
Other			12	-5	17							1			0	44	-45	15		0	-12						0												14	
Own Use and Distribution Losses			0				7	7				75		52				16	3	3						43	0										255		380	
Available Final Energy Consumption			332	264	48	0	19	327	2	203	122	6,769	0	0	1,515	658	547	765	158	2,809	125	0	162	2	27	1,448	110	0	0	105	0	4	0	0	0	0	1,617	0	10,602	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	191	0	0	0	0	0	0	0	0	0				162	2	27	410	0	0	0	0	0	0	0	0	0	0	601	
Final non-Energy Consumption (Feedstocks)			0									191																										601		
Total Final Energy Consumption			327	261	47	0	19	328	0	206	122	6,520	0	0	1,506	689	542	672	144	2,834	130	1	0	0	0	1,038	110	0	0	105	0	4	0	0	0	0	1,621	0	9,944	
Industry*			64	64	0		0	0	0	0	0	1,081	0	0	0	94	0	631	79	185	91	1	0	0	0	405	92	0	0	87	4	0	0	0	0	625	0	2,268		
Non-Energy Mining	13-14		0	0								0																										37		
Food, beverages and tobacco	15 - 16		16	16								259				23		154	15	38	29																147			
Textiles and textile products	17 - 18		6	6								35				1		10	16	8	0																16			
Wood and wood products	20		0	0								8				1		6	0	1	0																27			
Pulp, paper, publishing and printing	21 - 22		0	0								10				0		2	0	7	0																26			
Chemicals & man-made fibres	24		0	0								69				7		45	5	12	0																108			
Rubber and plastic products	25		0	0								14				0		3	2	8	0																31			
Other non-metallic mineral products	26		39	39								74				3		22	7	18	24																47			
Basic metals and fabricated metal products	27 - 28		0	0								425				53		353	11	8	0																43			
Machinery and equipment n.e.c.	29		0	0								39				0		3	8	5	23																16			
Electrical and optical equipment	30 - 33		2	2								59				1		7	12	40	0																95			
Transport equipment manufacture	34 - 35		0	0								5				0		2	1	2	0																10			
Other manufacturing	31-33, 12 & 15		0	0						0	0	7				0		3	1	1	0	1															21			
Transport			0	0	0	0	0	0	0	0	0	3,666	0	0	1,506	0	542	23	3	1,592	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0		
Road Freight			0					0				692								692																		692		
Road Light Goods Vehicle																																						0		
Road Private Car			0									1,504			1,210					3	291																1,504			
Public Passenger Services			0									91			11					80																	91			
Rail			0									40									40																2			
Domestic Aviation			0									23			1		22																				23			
International Aviation			0									521					521																				521			
Fuel Tourism			0									521									341																521			
Navigation			0									19									19																19			
Unspecified			0									254									128																254			
Residential			263	197	47		19	324		206	118	926		0	595		0	55	236	39						387	18			18				0	0	517		2,434		
Commercial/Public Services			0	0	0	0	0	4	0	0	4	551	0	0	0	0	0	18	8	525	0	0	0	0	0	246	0	0	0	0	0	0	0	0	0	0	431	0	1,233	
Commercial Services			0	0	0		0	0				354				0		2	6	347	0					108	0			0	0	0	0	0	0	309		771		
Public Services			0					4																																

## Ireland's Energy Balance 1998

1998	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lighter Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel DERV	Petroleum Coke	Naphtha	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL	
Indigenous Production			0	0			822	478	344		0															1,410	231	79	15	112	21	4	0	0	0	0	13	2,463		
Imports			1,859	1,794	42		23	0			8,886	3,200		923	342	446	1,679	113	1,773	158	0	218	2	32	1,399	0													12,156	
Exports			7	3	4		0	8		8	1,343	0		12	10	0	1,023	7	78	0	127	82	0	5	0	0								0	0	0	6		1,364	
Mar. Bunkers			0								161						49		112						0	0													161	
Stock Change			15	14	1		-0	175	162	0	13	-116	-115	-3	-7		68	-2	-32	-23	0	0	0	0	0	0													74	
Primary Energy Supply (incl non-energy)			1,866	1,805	38	0	23	989	640	344	5	7,266	3,085	0	908	325	444	675	104	1,552	135	-127	136	2	27	2,808	231	79	15	112	21	4	0	0	0	0	7	0	13,169	
Primary Energy Requirement (excl. non-energy)			1,866	1,805	38	0	23	989	640	344	5	7,101	3,085	0	908	325	444	675	104	1,552	135	-127	0	0	0	2,348	231	79	15	112	21	4	0	0	0	0	7	0	12,543	
Transformation Input			1,461	1,461	0	0	0	651	647	4	0	4,200	3,065	9	0	0	0	1,091	0	14	0	0	0	0	0	1,350	21	0	0	0	21	0	0	0	0	0	42	0	7,731	
Public Thermal Power Plants								518	514	4		1,106						1,091								1,288	21											4,394		
Combined Heat and Power Plants			5	5				10	10			9		9				0	0	0						63	21				0	0							87	
Pumped Storage Consumption																																							34	
Briquetting Plants			0					123	123			0														0	0												123	
Oil Refineries & other energy sector			0					0				3,085	3,085													0	0										9		3,094	
Transformation Output			0	0	0	0	0	117	0	0	117	3,216	0	75	498	177	45	1,082	50	1,161	0	127	0	0	0	0	7	0	0	0	7	0	0	0	0	0	1,718	0	5,059	
Public Thermal Power Plants								0				0														7				0	7	0	0	0	0	0			1,659	
Combined Heat and Power Plants - Electricity			0					0				0														0				0	0							35		
Combined Heat and Power Plants - Heat																										0												23		
Pumped Storage Generation																																							23	
Briquetting Plants								117			117	0														0													117	
Oil Refineries								0				3,216		75	498	177	45	1,082	50	1,161		127				0													3,216	
Exchanges and transfers			11	-4	15	0	0	0	0	0	0	7	0	0	0	33	-33	18	0	0	-11	0	0	0	0	0	-101	-79	-15	0	-7	0	0	0	0	0	101	0	18	
Electricity																											-101	-79	-15	0	-7	0							101	0
Heat																																							0	
Other			11	-4	15							7			0	33	-33	18	0	0	-11					0													18	
Own Use and Distribution Losses			0				7	7				87		66				17	3	1						32	0												284	
Available Final Energy Consumption			411	336	53	0	23	448	-14	340	122	6,202	0	0	1,407	535	457	667	150	2,697	124	0	136	2	27	1,426	117	0	0	112	0	4	0	0	0	0	1,519	0	10,124	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	165	0	0	0	0	0	0	0	0	0					460	0	0	0	0	0	0	0	0	0	0	0	0	626	
Final non-Energy Consumption (Feedstocks)			0									165																										626		
Total Final Energy Consumption			398	318	57	0	23	470	0	348	122	5,883	0	0	1,391	540	459	632	142	2,593	124	1	0	0	0	966	117	0	0	112	0	4	0	0	0	0	1,522	0	9,356	
Industry*			78	78	0		0	0	0	0	0	999	0	0	0	74	0	591	76	174	84	1	0	0	0	401	92	0	0	87	4	0	0	0	0	0	609	0	2,179	
Non-Energy Mining	13-14		0	0			0					73				2		19	1	36	14				58	0												167		
Food, beverages and tobacco	15 - 16		20	20								239				18		144	14	36	26				139	4												546		
Textiles and textile products	17 - 18		7	7			0					33			1		9	15	7	0					3	0												59		
Wood and wood products	20		0	0			0					7			1		5	0	1	0					0	87											122			
Pulp, paper, publishing and printing	21 - 22		0	0			0					9			0		2	0	6	0					24	0												58		
Chemicals & man-made fibres	24		0	0			0					64			5		42	5	11	0					57	0												105		
Rubber and plastic products	25		0	0			0					13			3		2	7	0						3	0												46		
Other non-metallic mineral products	26		48	48			0					68			3		21	6	17	22					38	0												201		
Basic metals and fabricated metal products	27 - 28		0	0			0					390			41		331	11	7	0					20	0												452		
Machinery and equipment n.e.c.	29		0	0			0					36			0		3	7	5	21					8	0												60		
Electrical and optical equipment	30 - 33		3	3			0					56			1		6	11	37	0					41	0													192	
Transport equipment manufacture	34 - 35		0	0			0					5			0		2	1	2	0					2	0												9		
Other manufacturing	31-33, 12 & 15		0	0			0			0		6			0		3	1	1	0	1				7	0												34		
Transport			0	0	0	0	0	0	0	0	0	3,291	0	0	1,391	0	459	22	3	1,416	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3,293	
Road Freight			0				0					557								557						0												557		
Road Light Goods Vehicle																																						0		
Road Private Car			0				0					1,421			1,135					3	282					0												1,421		
Public Passenger Services			0				0					81			9					71						0												81		
Rail			0				0					42								42						0												44		
Domestic Aviation			0				0					20			1			19							0													20		
International Aviation			0				0					440					440								0													440		
Fuel Tourism			0				0					352			107					245					0													352		
Navigation			0				0					16								16					0													16		
Unspecified			0				0					363			138			22		203					0													363		
Residential			320	240	57		23	464		346	118	785			0	467		0	55	223	40					339	25			25				0	0	474		2,407		
Commercial/Public Services			0	0	0	0	0	7	0	3	4	520	0	0	0	0	0	20	8	492	0	0	0	0	0	226	0	0	0	0	0	0	0	0	0	0	387	0	1,139	
Commercial Services			0	0	0																																			

## Ireland's Energy Balance 1997

[illegible]

\* Industry sub-sectoral breakdown is based on interpolation between 1990 and 1998 CIP figures.

**Last Updated : 24th August 2016**

Statistical differences may exist for crude oil between the calculated primary energy requirement and the observed refinery input

## Ireland's Energy Balance 1996

1996	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lighter Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel / DERV	Petroleum Coke	Naphtha	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL	
Indigenous Production			0	0			1,203	846	357			0														2,172	169	62	1	95	7	4	0	0	0	0	5		3,544	
Imports			1,802	1,734	49		20	0				7,056	2,198		783	324	378	1,312	115	1,698	71	0	128	2	47	484	0						0	0	0	0	0	16		9,347
Exports			13	8	3		2	6			6	869	0		4	1	0	746	7	32	0	61	15	0	3	0	0						0	0	0	0	0	0		903
Mar. Bunkers			0									161						57		103						0	0												161	
Stock Change			128	125	2		2	-137	-142	0	4	-86	-27		-9	-12	13	-45	-1	-5	0	0	0	0	0	0	0												-95	
Primary Energy Supply (incl non-energy)			1,917	1,851	47	0	19	1,060	705	357	-1	5,941	2,171	0	770	311	391	464	107	1,558	71	-61	113	2	44	2,657	169	62	1	95	7	4	0	0	0	0	0	-11	0	11,732
Primary Energy Requirement (excl. non-energy)			1,917	1,851	47	0	19	1,060	705	357	-1	5,941	2,171	0	770	311	391	464	107	1,558	71	-61	113	0	0	2,255	169	62	1	95	7	4	0	0	0	0	0	-11	0	11,732
Transformation Input			1,490	1,490	0	0	0	709	685	23	0	2,800	2,171	4	0	0	0	616	0	9	0	0	0	0	0	1,324	7	0	0	0	7	0	0	0	0	0	0	40	0	6,369
Public Thermal Power Plants			1,485	1,485				569	545	23		625						616		9						1,289	7				7								3,975	
Combined Heat and Power Plants			5	5				8	8					4				0	0	0						35	0				0		0						52	
Pumped Storage Consumption																																							32	
Briquetting Plants			0					131	131			0														0													131	
Oil Refineries & other energy sector			0					0				2,171	2,171													0	0										8		2,179	
Transformation Output			0	0	0	0	0	126	0	0	126	2,210	0	48	405	90	66	761	45	733	0	61	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	1,582	0	3,920
Public Thermal Power Plants								0				0														2					0	2	0	0	0	0	0	1,539		1,541
Combined Heat and Power Plants - Electricity								0				0														0					0		0	0	0	0	20		20	
Combined Heat and Power Plants - Heat																										0												0		
Pumped Storage Generation																																						22		
Briquetting Plants								126			126	0														0													126	
Oil Refineries								0				2,210		48	405	90	66	761	45	733		61	0	0	0	0	2											2,210		
Exchanges and transfers			8	-3	12	0	0	0	0	0	0	13	0	0	2	29	-29	21	0	0	-8	0	0	0	0	0	-66	-62	-1	0	-2	0	0	0	0	0	0	66	0	22
Electricity																											-66	-62	-1	0	-2	0	0	0	0	0	0	66	0	22
Heat																																						0		
Other			8	-3	12							13			2	29	-29	21		0	-8					0												0		
Own Use and Distribution Losses			0				6	6				65		45				12	5	4						60	0										235		366	
Available Final Energy Consumption			436	357	59	0	19	472	14	333	125	5,300	0	0	1,177	430	428	619	148	2,278	63	0	113	2	44	1,273	98	0	0	95	0	4	0	0	0	0	1,361	0	8,939	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	159	0	0	0	0	0	0	0	0	0					113	2	44	401	0	0	0	0	0	0	0	0	0	0	560
Final non-Energy Consumption (Feedstocks)			0									159														401												560		
Total Final Energy Consumption			487	395	69	0	19	499	0	374	125	5,015	0	0	1,170	421	370	618	138	2,235	63	1	0	0	0	871	98	0	0	95	0	4	0	0	0	0	1,363	0	8,335	
Industry*			119	119	0		0	0	0	0	0	872	0	0	0	57	0	545	69	164	36	1	0	0	0	373	71	0	0	68	4	0	0	0	0	0	532	0	1,968	
Non-Energy Mining	13-14		0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	133	
Food, beverages and tobacco	15 - 16		31	31			0					205	0					18	1	34	6					41	0											490		
Textiles and textile products	17 - 18		11	11			0					30						9	14	7	0				2	0											14	57		
Wood and wood products	20		0	0			0					7						5	0	1	0				0	68										23	98			
Pulp, paper, publishing and printing	21 - 22		0	0			0					8						2	0	6	0				17	0											22	47		
Chemicals & man-made fibres	24		0	0			0					58						39	4	11	0				63	0											92	213		
Rubber and plastic products	25		0	0			0					12						3	2	7	0				3	0											26	41		
Other non-metallic mineral products	26		74	74			0					52						2	19	6	16	9			41	0											40	208		
Basic metals and fabricated metal products	27 - 28		0	0			0					354						32	305	10	7	0			18	0											37	409		
Machinery and equipment n.e.c.	29		0	0			0					23						2	7	4	9				6	0											14	42		
Electrical and optical equipment	30 - 33		4	4			0					52						6	10	35	0				29	0												81	166	
Transport equipment manufacture	34 - 35		0	0			0					5						1	1	2	0				2	0												8	14	
Other manufacturing	31-33, 12 & 15		0	0			0			0		6						3	1	1	0	1			26	0												18	49	
Transport			0	0	0	0	0	0	0	0	0	2,654	0	0	1,170	0	370	21	5	1,088	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2,655	
Road Freight			0				0					433								433						0												433		
Road Light Goods Vehicle																																						0		
Road Private Car			0				0					1,259		1,004						5	250					0												1,259		
Public Passenger Services			0				0					70			8					62						0												70		
Rail			0				0					42									42					0												44		
Domestic Aviation			0				0					17		1			16								0													17		
International Aviation			0				0					353					353								0													353		
Fuel Tourism			0				0					7													0													7		
Navigation			0				0					0													0													12		
Unspecified			0				0					459						21		288					0													459		
Residential			368	280	69		19	484		365	119	665			0	364		0	56	218	27					303	27			27				0	0		449		2,296	
Commercial/Public Services			0	0	0	0	0	15	0	9	6	541	0	0	0	0	0	52	8	482	0	0	0	0	0	196	0													

## Ireland's Energy Balance 1995

1995	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lighter Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel DERV	Petroleum Coke	Naphtha	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL	
Indigenous Production			1	1			1,697	1,206	491			0														2,253	155	61	1	89	0	3	0	0	0	0	2		4,105	
Imports			1,891	1,819	49		24	0				6,775	2,283		702	238	351	1,357	116	1,468	110	0	111	2	38	85	0					0	0	0	0	0	0	2		8,754
Exports			6	2	2		2	6			6	1,013	0		16	14	1	681	5	177	0	69	32	0	19	0	0					0	0	0	0	0	0	3		1,027
Mar. Bunkers			0					0				119						49		69						0	0												119	
Stock Change			-109	-109	0		-507	-490	0	-16	-5	-4			26	-3	5	-83	1	51	0	2	0	0	0	0	0												-621	
Primary Energy Supply (incl non-energy)			1,777	1,708	47	0	21	1,184	715	491	-22	5,639	2,279	0	711	221	355	545	113	1,272	110	-67	79	2	19	2,339	155	61	1	89	0	3	0	0	0	0	0	-1	0	11,092
Primary Energy Requirement (excl. non-energy)			1,777	1,708	47	0	21	1,184	715	491	-22	5,538	2,279	0	711	221	355	545	113	1,272	110	-67	0	0	0	1,916	155	61	1	89	0	3	0	0	0	0	0	-1	0	10,558
Transformation Input			1,499	1,499	0	0	0	730	722	8	0	2,905	2,279	5	0	0	0	605	0	172	0	0	0	0	0	1,063	0	0	0	0	0	0	0	0	0	0	0	39	0	6,234
Public Thermal Power Plants			1,495	1,495				566	559	8	0	620						605		16						1,029													3,710	
Combined Heat and Power Plants			4	4				8	8					5				0	0	0						34	0				0	0							51	
Pumped Storage Consumption																																						31		
Briquetting Plants			0					155	155			0														0													155	
Oil Refineries & other energy sector			0					0				2,279	2,279													0												8	2,287	
Transformation Output			0	0	0	0	0	148	0	0	148	2,301	0	52	402	67	48	773	39	854	0	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,471	0	3,921
Public Thermal Power Plants												0														0					0	0	0	0	0	0	0		1,429	
Combined Heat and Power Plants - Electricity			0					0				0														0					0	0					20	0		
Combined Heat and Power Plants - Heat												0														0												0		
Pumped Storage Generation																																						22		
Briquetting Plants								148			148	0														0												148		
Oil Refineries								0				2,301		52	402	67	48	773	39	854		66				0												2,301		
Exchanges and transfers			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-63	-61	-1	0	0	0	0	0	0	0	0	0	63	0	
Electricity																										-63	-61	-1	0	0	0	0	0	0	0	0	0	63	0	
Heat																																						0		
Other			0	0	0							0			0	0	0	0	0	0	0	0	0	0		0												0		
Own Use and Distribution Losses			0				6	6				65		47				10	5	4						56	0											220	346	
Available Final Energy Consumption			278	210	47	0	21	597	-13	484	126	4,970	0	0	1,113	287	403	703	148	2,107	110	-1	79	2	19	1,221	92	0	0	89	0	3	0	0	0	0	0	1,275	0	8,432
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	101	0	0	0	0	0	0	0	0	0					79	2	19	423	0	0	0	0	0	0	0	0	0	0	524
Final non-Energy Consumption (Feedstocks)			0				0					101														79	2	19	423	0									524	
Total Final Energy Consumption			317	249	47	0	21	612	0	486	126	4,884	0	0	1,104	325	400	672	146	2,126	110	1	0	0	0	797	92	0	0	89	0	3	0	0	0	0	0	1,277	0	7,979
Industry*			71	71	0		0	0	0	0	0	983	0	0	0	42	0	582	71	210	76	1	0	0	0	369	62	0	0	59		3	0	0	0	0	0	496	0	1,981
Non-Energy Mining	13-14		0	0			0					78						19	1	43	13				35	0											30	142		
Food, beverages and tobacco	15 - 16		18	18								233				10		142	13	44	24				122	3												117	493	
Textiles and textile products	17 - 18		6	6								33			1		9	14	9	0					2	0						3					13	54		
Wood and wood products	20		0	0								7			0		5	0	1	0					0	59										22	88			
Pulp, paper, publishing and printing	21 - 22		0	0								10			0		2	0	8	0					14	0											20	44		
Chemicals & man-made fibres	24		0	0								63			3		42	4	14	0					67	0											86	215		
Rubber and plastic products	25		0	0								14			0		3	2	9	0					3	0											25	42		
Other non-metallic mineral products	26		44	44								68			1		20	6	20	20					44	0											38	194		
Basic metals and fabricated metal products	27 - 28		0	0								368			24		326	10	9	0					18	0											34	421		
Machinery and equipment n.e.c.	29		0	0								34			0		3	7	5	19					5	0											13	52		
Electrical and optical equipment	30 - 33		3	3								62			0		6	11	45	0					24	0											75	164		
Transport equipment manufacture	34 - 35		0	0								5			0		2	1	2	0					1	0											8	14		
Other manufacturing	31-33, 12 & 15		0	0						0		6			0		3	1	1	0	1				35	0											17	57		
Transport			0	0	0	0	0	0	0	0	0	2,370	0	0	1,104	0	400	22	6	838	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2,372
Road Freight			0				0					356								356						0												356		
Road Light Goods Vehicle																																						0		
Road Private Car			0									1,178		943					6	228						0											0	1,176		
Public Passenger Services			0									65		7						58						0											65			
Rail			0									36								36						0											2	38		
Domestic Aviation			0									16		1			15								0												16			
International Aviation			0									385				385									0												385			
Fuel Tourism			0									15		0						15					0												15			
Navigation			0									7								7					0												7			
Unspecified			0									314		153				22		139					0												314			
Residential			246	178	47		21	606		486	120	647			0	283		0	60	270	33					252	30			30				0	0	427	2,207			
Commercial/Public Services			0	0	0	0	0	6	0	0	6	536	0	0	0	0	0	68	9	460	0	0	0	0	0	177	0	0	0	0	0	0	0	0	0	0	310	0	1,029	
Commercial Services																																								

## Ireland's Energy Balance 1994

1994	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lignite / Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel /DERV	Petroleum Coke	Naphtha	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL	
Indigenous Production			1	1	65	0	24	0	720	472		0	2,344		699	225	398	1,215	125	1,381	97	0	108,0480	3	39	2,198	174	79	2	91	0	2	0	0	0	0	0	0	3,565	
Imports			1,553	1,464	65	0	24	0				6,635	2,344		699	225	398	1,215	125	1,381	97	0	108,0480	3	39	3	0	79	2	91	0	2	0	0	0	0	0	0	8,190	
Exports			10	6	0	0	3	5			5	1,044	0		16	61	0	790	9	112	0	55	0.90	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1,059	
Mar. Bunkers			0	0	0	0	0	0				39	0					20	20	20	0	0															39			
Stock Change			189	189	0	0	22	32	0	-10	108	-5	0		-6	0	-13	111	-1	22	0	0	0.00	0	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	316	
Primary Energy Supply (Incl non-energy)			1,733	1,648	65	0	20	1,208	751	472	-16	5,659	2,339	0	676	164	386	517	115	1,271	97	-55	107	3	38	2,198	174	79	2	91	0	2	0	0	0	0	0	0	10,972	
Primary Energy Requirement (excl. non-energy)			1,733	1,648	65	0	20	1,208	751	472	-16	5,659	2,339	0	676	164	386	517	115	1,271	97	-55	107	3	38	2,198	174	79	2	91	0	2	0	0	0	0	0	0	10,972	
Transformation Input			1,402	1,402	0	0	0	763	756	8	0	2,993	2,339	4	0	0	0	632	0	19	0	0	0	0	0	0	945	0	0	0	0	0	0	0	0	0	41	0	6,145	
Public Thermal Power Plants			1,398	1,398				576	569	8		651		4				632		19							914				0	0	0				3,540			
Combined Heat and Power Plants			4	4				9	9			4		4				0	0	0							31	0			0	0	0				48			
Pumped Storage Consumption			0	0								4						0	0	0																	33	33		
Briquetting Plants			0	0				177	177			0						0	0	0							0										8	177		
Oil Refineries & other energy sector			0	0				0	0			2,339	2,339													0	0											2,347		
Transformation Output			0	0	0	0	0	164	0	0	164	0	2,325	0	52	377	101	29	807	34	869	0	56	0	0	0	0	0	0	0	0	0	0	0	0	0	1,389	0	3,878	
Public Thermal Power Plants			0	0				0	0			0						0	0													0	0	0	0	0	1,346			
Combined Heat and Power Plants - Electricity			0	0				0	0			0						0	0													0	0	0	0	0	19			
Combined Heat and Power Plants - Heat			0	0				0	0			0						0	0								0										0			
Pumped Storage Generation			0	0								0						0	0																		24	24		
Briquetting Plants			0	0				164			164	0						0	0								0											164		
Oil Refineries			0	0				0	0			2,325		52	377	101	29	807	34	869		56	0	0	0	0	-81	-79	-2	0	0	0	0	0	0	0	0	81	0	2,325
Exchanges and transfers			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-81	-79	-2	0	0	0	0	0	0	0	81	0	0	
Electricity			0	0								0						0	0							0	-81	-79	-2	0	0	0	0	0	0	0	81	0	0	
Heat			0	0								0						0	0								0					0	0	0	0	0	0	0		
Other			0	0	0	0						0			0	0	0	0	0	0	0	0															0			
Own Use and Distribution Losses			0	0								0			0	0	0	0	0	0	0	0															213	305		
Available Final Energy Consumption			331	246	65	0	20	603	-10	465	149	4,925	0	0	1,053	265	410	682	145	2,117	97	1	107	3	38	1,232	93	0	0	91	0	2	0	0	0	0	1,215	0	8,399	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	149	0	0	0	0	0	0	0	0	0	0				107	3	38	459	0	0	0	0	0	0	0	0	0	608	
Final non-Energy Consumption (Feedstocks)			0	0								149	0					0	0							107	3	38	459	0	0	0	0	0	0	0	0	0	608	
Total Energy Consumption			330	305	65	0	20	603	0	473	149	4,765	0	0	1,048	239	410	734	152	2,085	97	1	0	0	0	772	93	0	0	91	0	2	0	0	0	0	1,217	0	7,981	
Industry*			52	52	0	0	0	0	0	0	0	984	0	0	0	33	0	625	72	184	69	1	0	0	0	360	62	0	0	59	2	0	0	0	0	0	462	0	1,918	
Non-Energy Mining	13-14		0	0	0							72			1			20	1	38	12					28	0									27	127			
Food, beverages and tobacco	15 - 16		13	13								234			8			153	14	38	22					118	2			0		2				109	476			
Textiles and textile products	17 - 18		5	5								33			1			10	15	8	0					1	0								12	51				
Wood and wood products	20		0	0								7			0			6	0	1	0					0	59								20	87				
Pulp, paper, publishing and printing	21 - 22		0	0								9			0			2	0	7	0					11	0									19	39			
Chemicals & man-made fibres	24		0	0								64			2			45	4	12	0					70	0								80	213				
Rubber and plastic products	25		0	0								13			0			3	2	8	0					3	0								23	39				
Other non-metallic mineral products	26		32	32								65			1			22	6	18	18					46	0							0	35	177				
Basic metals and fabricated metal products	27 - 28		0	0								386			18			350	10	8	0					17	0									32	436			
Machinery and equipment n.e.c.	29		0	0								32			0			3	7	5	17				4	0									12	48				
Electrical and optical equipment	30 - 33		2	2								57			0			7	11	39	0					18	0									70	148			
Transport equipment manufacture	34 - 35		0	0								5			0			2	1	2	0					1	0									7	13			
Other manufacturing	31-33, 12 & 15		0	0				0	0	0	0	6			0			3	1	1	0	1				43	0									15	64			
Transport			0	0	0	0	0	0	0	0	0	2,323	0	0	1,048	0	410	25	7	834	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2,324	
Road Freight			0	0								353															0	0										353		
Road Light Goods Vehicle			0	0								1,114			898					7	208						0	0					0				1,114			
Road Private Car			0	0								59			6						53						0										59			
Public Passenger Services			0	0								39									39						0										41			
Rail			0	0								14			1												0										2			
Domestic Aviation			0	0								397															0											397		
International Aviation			0	0								6															0											6		
Fuel Tourism			0	0								34															0											34		
Navigation			0	0								8															0											8		
Unspecified			0	0								334			143			25		166							0										334			
Residential			338	253	65		20	611		470	142	535		0	206		0	65	236		29					239	32			32				0	0	415	2,170			
Commercial/Public Services			0	0	0	0	0	11	0	3	7	628	0	0	0	0	0	84	9	535	0	0	0	0	0	174	0	0	0	0	0	0	0	0	0	0	296	0	1,109	
Commercial Services			0	0	0																																			

\* Industry sub-sectoral breakdown is based on interpolation between 1990 and 1998 CIP figures

**Last Updated : 24th August 2016**

Statistical differences may exist for crude oil between the calculated primary energy requirement and the observed refinery input

## Ireland's Energy Balance 1993

1993	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lignite / Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel DERV	Petroleum Coke	Naphta	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL	
Indigenous Production			1,871	1,731	116		24	0	1,134	668	466	0	5,984	1,900	624	146	456	1,248	125	1,271	66	0	105	3	39	4	0	161	66	1	90	0	4	0	0	0	0	0	0	3,456
Imports			12	9	0		3	6			6	55	788	0	10	0	0	679	0	67	0	30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7,859	
Exports			0	0	0		0	0				55				0	20		35							0										0	55			
Mar. Bunkers			-3	-3	0		0	89	75	0	14	-64	6		3	0	-2	-51	0	-20	0	0	0	0	0	0	-4	0		0	0	0	0	0	0	0	0	18		
Stock Change																																								
Primary Energy Supply (incl non-energy)			1,856	1,719	116	0	21	1,218	744	466	8	5,077	1,906	0	618	146	454	498	125	1,149	66	-30	105	3	37	2,161	161	66	1	90	0	4	0	0	0	0	0	0	10,473	
Primary Energy Requirement (excl. non-energy)			1,856	1,719	116	0	21	1,218	744	466	8	4,931	1,906	0	618	146	454	498	125	1,149	66	-30	105	3	37	1,750	161	66	1	90	0	4	0	0	0	0	0	0	9,915	
Transformation Input			1,361	1,361	0	0	0	761	751	11	0	2,476	1,906	4	0	0	0	561	0	5	0	0	0	0	0	962	0	0	0	0	0	0	0	0	0	0	38	5,598		
Public Thermal Power Plants			1,357	1,357				565	555	11		567						561		5						931						0	0	0	0	0	0	3,420		
Combined Heat and Power Plants			4	4				8	8			4		4				0	0	0						30	0		0	0	0	0	0	0	0	0	46			
Pumped Storage Consumption																																					30			
Briquetting Plants			0					188	188			0															0											188		
Oil Refineries & other energy sector			0					0	188			1,906	1,906													0	0										8	1,914		
Transformation Output			0	0	0	0	0	161	0	0	161	1,939	0	50	391	0	0	671	32	762	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,342	0	3,441	
Public Thermal Power Plants			0					0				0																										1,303		
Combined Heat and Power Plants - Electricity			0					0				0																										18		
Combined Heat and Power Plants - Heat			0					0				0																										0		
Pumped Storage Generation																																						21		
Briquetting Plants								161			161	0															0											161		
Oil Refineries								0				1,939		50	391	0	0	671	32	762	0	34	0	0	0	0	0	-67	-66	-1	0	0	0	0	0	0	0	1,939		
Exchanges and transfers			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-67	-66	-1	0	0	0	0	0	0	0	67	0		
Electricity																																						0		
Heat																																						0		
Other			0	0	0							0			0	0	0	0	0	0	0	0					-67	-66	-1	0	0	0	0	0	0	0	67	0		
Own Use and Distribution Losses			0					5	5			83		46				10	5	3						24	0										207			
Available Final Energy Consumption			495	358	116	0	21	612	-12	455	169	83	4,476	0	1,009	146	454	598	152	1,903	66	3	105	3	37	1,176	94	0	0	0	90	0	4	0	0	0	0	1,164	0	8,017
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	146	0	0	0	0	0	0	0	0	0	0	105	3	37	411	0	0	0	0	0	0	0	0	0	0	0	0	557	
Final non-Energy Consumption (Feedstocks)			0	0	0	0	0	0	0	0	0	146	0	0	0	0	0	0	0	0	0	0	105	3	37	411	0	0	0	0	0	0	0	0	0	0	0	0	557	
Total Final Energy Consumption			610	473	116	0	21	626	0	457	169	4,332	0	1,015	141	460	610	148	1,891	66	1	0	0	0	0	764	94	0	0	90	0	4	0	0	0	1,168	0	7,957		
Industry			134	134	0			0	0	0	0	782	0	0	19	0	489	67	159	46	1	0	0	0	0	389	60	0	0	57	4	0	0	0	0	435	0	1,801		
Non-Energy Mining	13-14		0	0				0	0			58			1	0	16	1	33	8						24	0									26	108			
Food, beverages and tobacco	15 - 16		34	34				0				184			5	119	13	33	15							125	4					0		4			102	450		
Textiles and textile products	17 - 18		12	12				0				28			0	8	14	7	0							1	0									11	53			
Wood and wood products	20		0	0				0				6			0	4	0	1	0							0	57									19	82			
Pulp, paper, publishing and printing	21 - 22		0	0				0				8			0	2	0	6	0							9	0									18	34			
Chemicals & man-made fibres	24		0	0				0				51			1	35	4	10	0							81	0									75	207			
Rubber and plastic products	25		0	0				0				11			0	3	2	7	0							4	0									21	37			
Other non-metallic mineral products	26		83	83				0				51			0	17	6	15	12							53	0								0	33	219			
Basic metals and fabricated metal products	27 - 28		0	0				0				301			11	274	10	7	0							19	0									30	349			
Machinery and equipment n.e.c.	29		0	0				0				25			0	2	6	4	12							3	0									11	39			
Electrical and optical equipment	30 - 33		5	5				0				50			0	5	10	34	0							15	0										66	135		
Transport equipment manufacture	34 - 35		0	0				0				4			0	1	1	2	0							1	0										7	12		
Other manufacturing	31-33, 12 & 15		0	0				0				5			0	2	1	1	0		1					56	0									14	76			
Transport			0	0	0	0	0	0	0	0	0	2,298	0	0	1,015	0	460	21	8	795	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2,389		
Road Freight								0				353																										353		
Road Light Goods Vehicle												0																										0		
Road Private Car			0					0				1,054			859				8	188																0	1,054			
Public Passenger Services			0					0				59			6					53																	59			
Rail			0					0				42								42																	2	43		
Domestic Aviation			0					0				13			1																						13			
International Aviation			0					0				448					448																				448			
Fuel Tourism			0					0				0			0																						0			
Navigation			0					0				8																										8		
Unspecified			0					0				322			150			21									0										322			
Residential			476	339	116		21	612		452	160	413		0	122		0	64	207		19					217	33				33			0	0	403	2,154			
Commercial/Public Services			0	0	0	0	0	14	0	5	9	575	0	0	0	0	0	100	9	466	0	0	0	0	0	158	0	0	0	0	0	0	0	0	0	285	0	1,032		
Commercial Services			0	0				0				325						10	7	308						69										205	598			
Public Services			0	0				0				251																												

\* Industry sub-sectoral breakdown is based on interpolation between 1990 and 1998 CIP figures.

**Last Updated : 24th August 2016**

Statistical differences may exist for crude oil between the calculated primary energy requirement and the observed refinery input

## Ireland's Energy Balance 1992

1992	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lighter Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel / DERV	Petroleum Coke	Naphta	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL
Indigenous Production			1	1			1,021	509	512		0															1,902	162	70	0	89	0	3	0	0	0	0	0	0	3,086
Imports			1,970	1,813	129		28	0			5,665	2,047		633	129	329		892	115	1,266	73	0	137	3	41	0	0					0	0	0	0	0	0	0	7,634
Exports			21	19	0		2	4			4	815	0		19	0	0	609	8	137	0	42	0	0	1	0					0		0				0	0	841
Mar. Bunkers			0									17						12		5						0												17	
Stock Change			-73	-73	0		0	271	295	0	-24	273	-25		35	3	-8	247	1	21	0	-1	0	0	0	0	0	0					0					471	
Primary Energy Supply (incl non-energy)			1,876	1,721	129	0	26	1,287	804	512	-28	5,106	2,023	0	649	132	320	519	108	1,145	73	-43	137	3	40	1,902	162	70	0	89	0	3	0	0	0	0	0	0	10,334
Primary Energy Requirement (excl. non-energy)			1,876	1,721	129	0	26	1,287	804	512	-28	4,925	2,023	0	649	132	320	519	108	1,145	73	-43	0	0	0	1,466	162	70	0	89	0	3	0	0	0	0	0	0	9,717
Transformation Input			1,396	1,396	0	0	0	627	806	22	0	2,603	2,023	3	0	0	0	568	0	8	0	0	0	0	0	765	0	0	0	0	0	0	0	0	0	0	37	0	3,330
Public Thermal Power Plants			1,392	1,392				627	806	22		577						568		8						738					0	0	0	0	0	0		3,334	
Combined Heat and Power Plants			4	4				8	8					3				0	0	0						27	0			0		0					28	42	
Pumped Storage Consumption																										0											195		
Briquetting Plants			0					195	195			0														0											8	2,031	
Oil Refineries & other energy sector			0					0				2,023	2,023												0	0												3,522	
Transformation Output			0	0	0	0	0	191	0	0	191	2,026	0	52	384	0	0	684	39	823	0	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,305	0	1,268
Public Thermal Power Plants			0					0				0														0											17	0	
Combined Heat and Power Plants - Electricity			0					0				0														0											20	20	
Combined Heat and Power Plants - Heat			0					0				0														0											191	2,026	
Pumped Storage Generation																										0												0	
Briquetting Plants								191			191	0														0												0	
Oil Refineries								0				2,026		52	384	0	0	684	39	823		43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	0
Exchanges and transfers			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-71	-70	-0	0	0	0	0	0	0	0	0	0	71	0
Electricity																										-71	-70	-0	0	0	0	0	0	0	0	0	0	0	0
Heat																																						0	
Other			0	0	0							0			0	0	0	0	0	0	0					0												0	
Own Use and Distribution Losses			0				5	5				64		48				12	3	0						33	0										205	307	
Available Final Energy Consumption			480	325	129	0	26	643	-10	490	163	4,465	0	0	1,033	132	320	622	144	1,960	73	-0	137	3	40	1,104	92	0	0	89	0	3	0	0	0	0	1,134	0	7,919
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	180	0	0	0	0	0	0	0	0	0					436	0	0	0	0	0	0	0	0	0	0	0	0	617
Final non-Energy Consumption (Feedstocks)			0									180														436	0											617	
Total Final Energy Consumption			586	431	129	0	26	659	0	496	163	4,185	0	0	1,034	122	316	616	146	1,877	73	1	0	0	0	668	92	0	0	89	0	3	0	0	0	0	1,136	0	7,325
Industry*			169	199	0		0	0	0	0	0	775	0	0	0	17	0	479	64	162	51	1	0	0	0	349	59	0	0	57		3	0	0	0	0	420	0	1,712
Non-Energy Mining	13-14		0	0			0					59				1		16	1	34	9					15	0									25	100		
Food, beverages and tobacco	15 - 16		28	28								183				4		117	12	34	16					110	3									99	423		
Textiles and textile products	17 - 18		10	10								28				0		8	13	7	0					1	0					3				11	49		
Wood and wood products	20		0	0								6				0		4	0	1	0					0	57			57					18	81			
Pulp, paper, publishing and printing	21 - 22		0	0								8				0		2	0	6	0					5	0									17	30		
Chemicals & man-made fibres	24		0	0								50				1		34	4	11	0					77	0									73	199		
Rubber and plastic products	25		0	0								11				0		3	2	7	0					4	0									21	36		
Other non-metallic mineral products	26		67	67								52				1		17	5	16	13					50	0									0	32	201	
Basic metals and fabricated metal products	27 - 28		0	0								294				9		268	9	7	0					17	0									29	339		
Machinery and equipment n.e.c.	29		0	0								25				0		2	6	4	13					2	0									11	38		
Electrical and optical equipment	30 - 33		4	4								50				0		5	10	35	0					9	0									64	126		
Transport equipment manufacture	34 - 35		0	0								4				0		1	1	2	0					0	0									6	11		
Other manufacturing	31-33, 12 & 15		0	0						0		5				0		2	1	1	0	1				59	0									14	78		
Transport			0	0	0	0	0	0	0	0	0	2,158	0	0	1,034	0	316	21	8	779	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2,160
Road Freight			0									352								352						0												352	
Road Light Goods Vehicle																																						0	
Road Private Car			0									1,012			836					8	168															0	1,012		
Public Passenger Services			0									56			5					50																	56		
Rail			0									38									38															1	39		
Domestic Aviation			0									15			1		14																				15		
International Aviation			0									302					302																				302		
Fuel Tourism			0									0									0																0		
Navigation			0									8									8																8		
Unspecified			0									375			191			21		163																	375		
Residential			476	322	129		26	645		494	151	399			0	106		0	65	207	22					187	32			32				0	0	396	2,135		
Commercial/Public Services			0	0	0	0	0	14	0	2	12	594	0	0	0	0	0	116	9	469	0	0	0	0	0	133	0	0	0	0	0	0	0	0	0	0	279	0	1,019
Commercial Services			0	0	0		0	0				328					0	11	7	310	0					58	0			0					</				



## Ireland's Energy Balance 1991

1991	Units = ktoe	NACE	Coal	Bituminous Coal	Anthracite + Manufactured Ovoids	Coke	Lighter Brown Coal Briquettes	Peat	Milled Peat	Sod Peat	Briquettes	Oil	Crude	Refinery Gas	Gasoline	Kerosene	Jet Kerosene	Fueloil	LPG	Gasoil / Diesel / DERV	Petroleum Coke	Naphta	Bitumen	White Spirit	Lubricants	Natural Gas	Renewables	Hydro	Wind	Biomass & Renewable Waste	Landfill Gas	Biogas	Liquid Biofuel	Solar	Geothermal	Non-Renewable Waste	Electricity	Heat	TOTAL	
Indigenous Production			1	1			1,200	727	472			0														1,923	168	64	0	101	0	3	0	0	0	0	0	0	3,291	
Imports			2,021	1,892	93		35	0				5,682	1,765		589	121	367	1,205	135	1,209	99	0	150	0	42	0	0											0	0	7,703
Exports			17	15	0		2	4			4	736	0		19	0	0	611	8	48	0	48	1	0	2	0	0										0	0	758	
Mar. Bunkers			0									34						22		12						0	0												34	
Stock Change			40	40	0		81	61	0	20	-0	63			29	3	11	-76	0	-27	0	-3	0	0	0	0	0											121		
Primary Energy Supply (incl non-energy)			2,044	1,918	93	0	33	1,276	789	472	16	4,912	1,828	0	599	125	377	496	127	1,122	99	-51	150	0	40	1,923	168	64	0	101	0	3	0	0	0	0	0	0	0	10,324
Primary Energy Requirement (excl. non-energy)			2,044	1,918	93	0	33	1,276	789	472	16	4,912	1,828	0	599	125	377	496	127	1,122	99	-51	150	0	40	1,923	168	64	0	101	0	3	0	0	0	0	0	0	0	10,324
Transformation Input			1,225	1,225	0	0	0	758	759	29	0	2,393	1,828	2	0	0	0	556	0	0	0	0	0	0	0	790	0	0	0	0	0	0	0	0	0	0	35	0	3,231	
Public Thermal Power Plants			1,221	1,221				611	582	29		563						556		6						765					0	0	0	0	0	0		3,180		
Combined Heat and Power Plants			4	4				9	9					2				0	0	0						26	0				0	0	0				27	40		
Pumped Storage Consumption																										0												27		
Briquetting Plants			0					167	167			0														0												167		
Oil Refineries & other energy sector			0					0				1,828	1,828													0	0										8	1,837		
Transformation Output			0	0	0	0	0	157	0	0	157	1,842	0	42	355	0	0	632	33	732	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,237	0	3,236	
Public Thermal Power Plants								0				0														0					0	0	0	0	0	0		1,202		
Combined Heat and Power Plants - Electricity								0				0														0					0	0	0	0	0	0		16		
Combined Heat and Power Plants - Heat								0				0														0											0			
Pumped Storage Generation																																					19	19		
Briquetting Plants								157			157	0														0												157		
Oil Refineries								0				1,842		42	355	0	0	632	33	732		48	0	0	0	0											1,842			
Exchanges and transfers			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-64	-64	0	0	0	0	0	0	0	0	0	64	0	0	
Electricity																										-64	-64	0	0	0	0	0	0	0	0	0	64	0	0	
Heat																																						0		
Other			0	0	0							0			0	0	0	0	0	0	0	0	0	0	0	0												0		
Own Use and Distribution Losses			0				6	6				61		40				19	0	2						33	0										196	296		
Available Final Energy Consumption			819	693	93	0	33	640	24	443	172	4,300	0	0	953	125	377	554	160	1,846	99	-3	150	0	40	1,100	104	0	0	101	0	3	0	0	0	0	1,071	0	8,033	
Non-Energy Consumption			0	0	0	0	0	0	0	0	0	190	0	0	0	0	0	0	0	0	0				150	0	40	448	0	0	0	0	0	0	0	0	0	0	638	
Final non-Energy Consumption (Feedstocks)												190													150	0	40	448	0									638		
Total Final Energy Consumption			916	790	93	0	33	651	0	478	172	4,054	0	0	964	132	361	548	154	1,794	99	1	0	0	0	652	104	0	0	101	0	3	0	0	0	0	1,072	0	7,448	
Industry*			217	217	0		0	0	0	0	0	712	0	0	0	18	0	398	66	159	69	1	0	0	0	377	64	0	0	61	0	3	0	0	0	0	398	0	1,768	
Non-Energy Mining	13-14		0	0								0						1	13	1	33	12				10	0										24	93		
Food, beverages and tobacco	15 - 16		56	56								169						4	97	13	33	22				118	3										94	439		
Textiles and textile products	17 - 18		19	19								27						6	13	7	0					0	0									10	57			
Wood and wood products	20		0	0								5						4	0	1	0					0	61									17	83			
Pulp, paper, publishing and printing	21 - 22		0	0								7						2	0	6	0					3	0									16	26			
Chemicals & man-made fibres	24		0	0								44						1	29	4	10	0				88	0									69	201			
Rubber and plastic products	25		0	0								11						2	2	7	0					4	0									20	34			
Other non-metallic mineral products	26		134	134								54						1	14	5	15	18				57	0									30	275			
Basic metals and fabricated metal products	27 - 28		0	0								249						10	223	9	7	0				18	0									27	294			
Machinery and equipment n.e.c.	29		0	0								30						2	6	4	18					1	0									10	41			
Electrical and optical equipment	30 - 33		8	8								48						4	10	34	0					5	0									60	122			
Transport equipment manufacture	34 - 35		0	0								4						1	1	2	0					0	0									6	10			
Other manufacturing	31-33, 12 & 15		0	0						0		5						2	1	1	0	1				73	0									13	91			
Transport			0	0	0	0	0	0	0	0	0	2,065	0	0	964	0	361	19	8	713	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2,067	
Road Freight			0									349														0												349		
Road Light Goods Vehicle												0														0												0		
Road Private Car			0									981			823					8	151					0										0	981			
Public Passenger Services			0									57			6											0											57			
Rail			0									42									42					0										1	44			
Domestic Aviation			0									16			1		14								0												16			
International Aviation			0									347					347								0												347			
Fuel Tourism			0									0													0												0			
Navigation			0									7													0												7			
Unspecified			0									266			134			19		113					0												266			
Residential			699	573	93		33	622		465	156	417			0	114		0	70	204	29					161	40			40				0	0	374	2,313			
Commercial/Public Services			0	0	0	0	0	29	0	13	16	606	0	0	0	0	0	132	10	464	0	0	0	0	0	113	0	0	0	0	0	0	0	0	0	260	0	1,009		
Commercial Services			0	0	0		0	0				327						13	8	306	0					50	0			0				0	0	187				

## Ireland's Energy Balance 1990

[illegible]

\* Industry sub-sectoral breakdown is based on the 1990 breakdown

**Last Updated : 29th September 2017**

Statistical differences may exist for crude oil between the calculated primary energy requirement and the observed refinery input.