Ireland's Energy Balance 2016 Provisional

2016 Units = ktoe	NACE (Rev 2)	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		**0**	**0**				**689**	561	128		**0**														**2,441**	**1,011**	59	529	283	42	15	24	14	45	59			4,200
Imports		**1,131**	**1,065**	**56**		10	**0**				**8,984**	3,270	0	774	520	1,122	58	136	2,684	147	0	229	2	41	**1,718**	**151**			45			106				75		12,059
Exports		**8**	**0**	**7**		2	**5**			5	**1,643**	0		371	13	0	1,039	17	117	0	76	3	0	8	**0**	**0**			0			0				136		1,792
Mar. Bunkers		**0**					**0**				**160**						11		149							**0**												160
Stock Change		**176**	**176**	1		-0	**61**	69	0	-8	**-35**	-2		-6	4	-2	-4	-0	-26	4	-2	0	0	0	**62**	**-7**			0			-7						257
Primary Energy Supply (incl non-energy)		**1,299**	**1,241**	**50**	**0**	**8**	**745**	**630**	**128**	**-13**	**7,147**	**3,268**	**0**	**397**	**512**	**1,120**	**-995**	**119**	**2,392**	**151**	**-78**	**227**	**2**	**33**	**4,221**	**1,155**	**59**	**529**	**328**	**42**	**15**	**124**	**14**	**45**	**59**	**-61**	**0**	**14,565**
Primary Energy Requirement (excl. non-energy)		**1,299**	**1,241**	**50**	**0**	**8**	**745**	**630**	**128**	**-13**	**6,886**	**3,268**	**0**	**397**	**512**	**1,120**	**-995**	**119**	**2,392**	**151**	**-78**	**0**	**0**	**0**	**4,221**	1,155	**59**	**529**	**328**	**42**	**15**	**124**	**14**	**45**	**59**	**-61**	**0**	**14,304**
Transformation Input		**1,107**	**1,107**	**0**	**0**	**0**	**648**	**648**	**0**	**0**	**3,351**	**3,268**	**19**	**0**	**0**	**0**	**52**	**1**	**11**	**0**	**0**	**0**	**0**	**0**	**2,378**	**160**	**0**	**0**	**114**	**42**	**5**	**0**	**0**	**0**	**24**	**56**	**0**	**7,724**
Public Thermal Power Plants		**1,107**	1,107				**533**	533	0		**63**						52		11						**2,068**	**152**			111	42					24			3,948
Combined Heat and Power Plants		**0**	0				**9**	9			**19**		19				0	1	0						**273**	**8**			3		5							310
Pumped Storage Consumption																																			46		46
Briquetting Plants		**0**					**107**	107			**0**															**0**												107
Oil Refineries & other energy sector		**0**					**0**				**3,268**	3,268													**36**	**0**										10		3,314
Transformation Output		**0**	**0**	**0**	**0**	**0**	**81**	**0**	**0**	**81**	**3,317**	**0**	**90**	**590**	**185**	**0**	**1,046**	**48**	**1,278**	**0**	**80**	**0**	**0**	**0**	**0**	**43**	**0**	**0**	**25**	**15**	**3**	**0**	**0**	**0**	**6**	**2,029**	**0**	**5,476**
Public Thermal Power Plants		**0**					**0**				**0**															**38**			23	15					6	1,823		1,823
Combined Heat and Power Plants - Electricity		**0**					**0**				**0**															**5**			1		3					180		180
Combined Heat and Power Plants - Heat																										**0**												0
Pumped Storage Generation																																				25		25
Briquetting Plants							**81**			81	**0**															**0**												81
Oil Refineries							**0**				**3,317**		90	590	185	0	1,046	48	1,278		80					**0**												3,317
Exchanges and transfers		**12**	-7	18	0	0	**0**	0	0	0	**113**	0	0	20	310	-198	-3	0	-5	-12	0	0	0	0	**0**	**-588**	-59	-529	0	0	0	0	-0	0	0	**588**	**0**	125
Electricity																										**-588**	-59	-529					-0			**588**		0
Heat																																						0
Other		**12**	-7	18							**113**			20	310	-198	-3		-5	-12						**0**												125
Own Use and Distribution Losses		**0**					**12**	12			**72**		72				0	0	0						**60**	**0**										**254**		398
Available Final Energy Consumption		**204**	**127**	**69**	**0**	**8**	**166**	**-30**	**128**	**68**	**7,155**	**0**	**0**	**1,007**	**1,007**	**922**	**-4**	**167**	**3,654**	**139**	**2**	**227**	**2**	**33**	**1,783**	**407**	**0**	**0**	**215**	**0**	**9**	**124**	**14**	**45**	**35**	**2,246**	**0**	**11,995**
Non-Energy Consumption		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**261**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**227**	**2**	**33**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**261**
Final non-Energy Consumption (Feedstocks)		0					0				261											227	2	33	0	0													261
Total Final Energy Consumption																																						
Industry*																																						
Non-Energy Mining	05-09																																					
Food & beverages	10-11																																					
Textiles and textile products	13-14																																					
Wood and wood products	16																																					
Pulp, paper, publishing and printing	17-18																																					
Chemicals & man-made fibres	20-21																																					
Rubber and plastic products	22																																					
Other non-metallic mineral products	23																																					
Basic metals and fabricated metal products	24-25																																					
Machinery and equipment n.e.c.	28																																					
Electrical and optical equipment	26-27																																					
Transport equipment manufacture	29-30																																					
Other manufacturing	31-33, 12 & 15																																					
Transport																																						
Road Freight																																						
Road Light Goods Vehicle																																						
Road Private Car																																						
Public Passenger Services																																						
Rail																																						
Domestic Aviation																																						
International Aviation																																						
Fuel Tourism																																						
Navigation																																						
Unspecified																																						
Residential																																						
Commercial/Public Services																																						
Commercial Services																																						
Public Services																																						
Agricultural																																						
Fisheries																																						
Statistical Difference																																						

Last Updated : 15/5/2017

2016 provisional data

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