# Ireland's Provisional Energy Balance 2009

| 2009 Units = ktoe | NACE | Coal | Bituminous Coal | Anthracite + Manufactured Ovoids | Coke | Lignite | Peat | Milled Peat | Sod Peat | Briquettes | Oil | Crude | Refinery Gas | Gasoline | Kerosene | Jet Kerosene | Fueloil | LPG | Gasoil / Diesel /DERV | Petroleum Coke | Naphta | 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** | | | | **584** | 415 | 169 | | **0** | | | | | | | | | | | | | | **316** | **606** | 78 | 254 | 183 | 24 | 12 | 29 | 4 | 22 | 9 | | | 1,506 |
| Imports | | **1,331** | **1,269** | **47** | | 15 | **0** | | | | **8,511** | 2,670 | | 1,123 | 504 | 1,102 | 342 | 92 | 2,268 | 143 | 0 | 225 | 2 | 41 | **3,989** | **59** | | | 9 | | | 50 | | | | 81 | | 13,971 |
| Exports | | **5** | **0** | **5** | | 0 | **5** | | | 5 | **987** | | | 0 | 0 | 0 | 925 | 11 | 23 | 1 | 24 | 0 | 0 | 4 | **0** | **0** | | | 0 | | | 0 | | | | 15 | | 1,012 |
| Mar. Bunkers | | **0** | | | | | **0** | | | | **68** | | | | | | 32 | | 36 | | | | | | | **0** | | | | | | | | | | | 68 |
| Stock Change | | **-113** | **-92** | -17 | | -3 | **277** | 279 | 0 | -3 | **86** | 9 | | -14 | -12 | 12 | 114 | 2 | -28 | 3 | -1 | 0 | 0 | 0 | **1** | **1** | | | 2 | | | -1 | | | | | | 252 |
| **Primary Energy Supply (incl non-energy)** | | **1,214** | **1,176** | **25** | **0** | **12** | **856** | **694** | **169** | **-7** | **7,541** | **2,680** | **0** | **1,109** | **492** | **1,114** | **-502** | **83** | **2,181** | **146** | **-25** | **225** | **2** | **37** | **4,306** | **665** | **78** | **254** | **193** | **24** | **12** | **78** | **4** | **22** | **9** | **66** | **0** | **14,648** |
| **Primary Energy Requirement (excl. non-energy)** | | **1,214** | **1,176** | **25** | **0** | **12** | **856** | **694** | **169** | **-7** | **7,278** | **2,680** | **0** | **1,109** | **492** | **1,114** | **-502** | **83** | **2,181** | **146** | **-25** | **0** | **0** | **0** | **4,306** | 665 | **78** | **254** | **193** | **24** | **12** | **78** | **4** | **22** | **9** | **66** | **0** | **14,385** |
| **Transformation Input** | | **852** | **852** | **0** | **0** | **0** | **692** | **692** | **0** | **0** | **2,890** | **2,680** | **6** | **0** | **0** | **0** | **202** | **0** | **3** | **0** | **0** | **0** | **0** | **0** | **2,728** | **43** | **0** | **0** | **14** | **24** | **5** | **0** | **0** | **0** | **0** | **64** | **0** | **7,268** |
| Public Thermal Power Plants | | **852** | 852 | | | | **564** | 564 | 0 | | **204** | | | | | | 202 | | 3 | | | | | | **2,514** | **34** | | | 10 | 24 | | | | | | | | 4,167 |
| Combined Heat and Power Plants | | **0** | 0 | | | | **7** | 7 | | | **6** | | 6 | | | | 0 | 0 | 0 | | | | | | **215** | **9** | | | 4 | | 5 | | | | | | | 237 |
| Pumped Storage Consumption | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | 50 |
| Briquetting Plants | | **0** | | | | | **120** | 120 | | | **0** | | | | | | | | | | | | | | | **0** | | | | | | | | | | | | 120 |
| Oil Refineries & other energy sector | | **0** | | | | | **0** | | | | **2,680** | 2,680 | | | | | | | | | | | | | | **0** | | | | | | | | | | 14 | | 2,694 |
| **Transformation Output** | | **0** | **0** | **0** | **0** | **0** | **108** | **0** | **0** | **108** | **2,864** | **0** | **86** | **522** | **211** | **0** | **911** | **39** | **1,070** | **0** | **25** | **0** | **0** | **0** | **0** | **16** | **0** | **0** | **6** | **9** | **1** | **0** | **0** | **0** | **0** | **2,084** | **0** | **5,072** |
| Public Thermal Power Plants | | **0** | | | | | **0** | | | | **0** | | | | | | | | | | | | | | | **13** | | | 4 | 9 | | | | | | 1,896 | | 1,909 |
| Combined Heat and Power Plants - Electricity | | **0** | | | | | **0** | | | | **0** | | | | | | | | | | | | | | | **3** | | | 1 | | 1 | | | | | 157 | | 160 |
| Combined Heat and Power Plants - Heat | | | | | | | | | | | | | | | | | | | | | | | | | | **0** | | | | | | | | | | | | 0 |
| Pumped Storage Generation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | | 31 |
| Briquetting Plants | | | | | | | **108** | | | 108 | **0** | | | | | | | | | | | | | | | **0** | | | | | | | | | | | | 108 |
| Oil Refineries | | | | | | | **0** | | | | **2,864** | | 86 | 522 | 211 | 0 | 911 | 39 | 1,070 | | 25 | | | | | **0** | | | | | | | | | | | | 2,864 |
| **Exchanges and transfers** | | **19** | -11 | 30 | 0 | 0 | **0** | 0 | 0 | 0 | **-21** | 0 | 0 | -0 | 261 | -263 | 6 | 0 | -6 | -19 | 0 | 0 | 0 | 0 | **0** | **-347** | -78 | -254 | -6 | -9 | -1 | 0 | 0 | 0 | 0 | **347** | **0** | -2 |
| Electricity | | | | | | | | | | | | | | | | | | | | | | | | | | **-347** | -78 | -254 | -6 | -9 | -1 | | | | | **347** | | 0 |
| Heat | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| Other | | **19** | -11 | 30 | | | | | | | **-21** | | | -0 | 261 | -263 | 6 | | -6 | -19 | | | | | | **0** | | | | | | | | | | | | -2 |
| **Own Use and Distribution Losses** | | **0** | | | | | **25** | 25 | | | **108** | | 81 | | | | 23 | 3 | 1 | | | | | | **65** | **0** | | | | | | | | | | **281** | | 479 |
| **Available Final Energy Consumption** | | **381** | **314** | **55** | **0** | **12** | **247** | **-23** | **169** | **101** | **7,387** | **0** | **0** | **1,632** | **965** | **852** | **190** | **119** | **3,240** | **127** | **0** | **225** | **2** | **37** | **1,513** | **291** | **0** | **0** | **179** | **0** | **7** | **78** | **4** | **22** | **9** | **2,152** | **0** | **11,971** |
| **Non-Energy Consumption** | | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **263** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | | **225** | **2** | **37** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **263** |
| Final non-Energy Consumption (Feedstocks) | | 0 | | | | | 0 | | | | 263 | | | | | | | | | | | 225 | 2 | 37 | 0 | 0 | | | | | | | | | | | | | 263 |
| **Total Final Energy Consumption** | | **368** | **295** | **62** | **0** | **12** | **272** | **0** | **169** | **104** | **7,591** | **0** | **0** | **1,744** | **1,082** | **767** | **243** | **114** | **3,513** | **127** | **1** | **0** | **0** | **0** | **1,578** | **290** | **0** | **0** | **179** | **0** | **7** | **77** | **4** | **22** | **9** | **2,147** | **0** | **12,246** |
| **Industry*** | | **112** | **112** | **0** | | | **1** | **0** | **0** | **1** | **684** | **0** | **0** | **0** | **147** | **0** | **233** | **50** | **153** | **100** | **1** | **0** | **0** | **0** | **530** | **139** | **0** | **0** | **135** | | **4** | **0** | **0** | **0** | **9** | **715** | **0** | **2,181** |
| Non-Energy Mining | 13-14 | **0** | 0 | | | | **0** | | | | **74** | | | | 7 | | 5 | 0 | 55 | 6 | | | | | 11 | **0** | | | | | | | | | | 58 | | 143 |
| Food, beverages and tobacco | 15 - 16 | **18** | 18 | | | | **0** | | | | **178** | | | | 84 | | 57 | 6 | 31 | 0 | | | | | 117 | **39** | | | 35 | | 4 | | | | | 142 | | 494 |
| Textiles and textile products | 17 - 18 | **0** | 0 | | | | **0** | | | | **4** | | | | 1 | | 1 | 0 | 1 | 0 | | | | | 0 | **0** | | | | | | | | | | 7 | | 12 |
| Wood and wood products | 20 | **0** | 0 | | | | **0** | | | | **9** | | | | 4 | | 3 | 0 | 2 | 0 | | | | | 2 | **85** | | | 85 | | | | | | | 33 | | 130 |
| Pulp, paper, publishing and printing | 21 - 22 | **0** | 0 | | | | **0** | | | | **2** | | | | 0 | | 0 | 0 | 1 | 0 | | | | | 2 | **0** | | | | | | | | | | 16 | | 21 |
| Chemicals & man-made fibres | 24 | **3** | 3 | | | | **0** | | | | **48** | | | | 23 | | 15 | 1 | 9 | 0 | | | | | 68 | **1** | | | 1 | | | | | | | 117 | | 238 |
| Rubber and plastic products | 25 | **0** | 0 | | | | **0** | | | | **8** | | | | 1 | | 0 | 5 | 3 | 0 | | | | | 6 | **0** | | | | | | | | | | 36 | | 51 |
| Other non-metallic mineral products | 26 | **88** | 88 | | | | **0** | | | | **163** | | | | 18 | | 12 | 2 | 36 | 94 | | | | | 36 | **14** | | | 14 | | | | | | 9 | 81 | | 381 |
| Basic metals and fabricated metal products | 27 - 28 | **0** | 0 | | | | **0** | | | | **139** | | | | 0 | | 133 | 4 | 3 | 0 | | | | | 168 | **0** | | | | | | | | | | 42 | | 349 |
| Machinery and equipment n.e.c. | 29 | **0** | 0 | | | | **0** | | | | **7** | | | | 2 | | 1 | 2 | 2 | 0 | | | | | 7 | **0** | | | | | | | | | | 18 | | 31 |
| Electrical and optical equipment | 30 - 33 | **0** | 0 | | | | **0** | | | | **40** | | | | 3 | | 2 | 28 | 7 | 0 | | | | | 107 | **0** | | | | | | | | | | 103 | | 250 |
| Transport equipment manufacture | 34 - 35 | **3** | 3 | | | | **0** | | | | **1** | | | | 0 | | 0 | 1 | 0 | 0 | | | | | 4 | **0** | | | | | | | | | | 6 | | 14 |
| Other manufacturing | 36 - 37, 19 | **0** | 0 | | | | **1** | | | 1 | **10** | | | | 3 | | 2 | 1 | 3 | 0 | 1 | | | | 2 | **0** | | | | | | | | | | 55 | | 68 |
| **Transport** | | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **5,004** | **0** | **0** | **1,744** | **0** | **767** | **0** | **1** | **2,493** | **0** | **0** | **0** | **0** | **0** | **0** | **77** | **0** | **0** | **0** | **0** | **0** | **77** | **0** | **0** | **0** | **4** | **0** | **5,086** |
| Road Freight | | **0** | | | | | **0** | | | | **1,160** | | | | | | | | 1,160 | | | | | | | **0** | | | | | | | | | | | | 1,160 |
| Road Private Car | | **0** | | | | | **0** | | | | **2,125** | | | 1,530 | | | | 1 | 594 | | | | | | | **77** | | | | | | 77 | | | | | | 2,202 |
| Public Passenger Services | | **0** | | | | | **0** | | | | **226** | | | 54 | | | | | 172 | | | | | | | **0** | | | | | | | | | | | | 226 |
| Rail | | **0** | | | | | **0** | | | | **40** | | | | | | | | 40 | | | | | | | **0** | | | | | | | | | | 4 | | 44 |
| Domestic Aviation | | **0** | | | | | **0** | | | | **34** | | | 2 | | 32 | | | | | | | | | | **0** | | | | | | | | | | | | 34 |
| International Aviation | | **0** | | | | | **0** | | | | **735** | | | | | 735 | | | | | | | | | | **0** | | | | | | | | | | | | 735 |
| Fuel Tourism | | **0** | | | | | **0** | | | | **587** | | | 158 | | | | | 429 | | | | | | | **0** | | | | | | | | | | | | 587 |
| Unspecified | | **0** | | | | | **0** | | | | **98** | | | 0 | | | 0 | | 98 | | | | | | | **0** | | | | | | | | | | | | 98 |
| **Residential** | | **257** | **183** | 62 | | **12** | **272** | | **169** | **103** | **1,215** | | | **0** | **936** | | **0** | **55** | **197** | **26** | | | | | **625** | **57** | | | **33** | | | | **4** | **20** | | **685** | | **3,110** |
| **Commercial/Public Services** | | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **472** | **0** | **0** | **0** | **0** | **0** | **10** | **8** | **454** | **0** | **0** | **0** | **0** | **0** | **423** | **16** | **0** | **0** | **11** | **0** | **3** | **0** | **0** | **2** | **0** | **683** | **0** | **1,593** |
| Commercial Services | | **0** | 0 | 0 | | 0 | **0** | | | | **307** | | | | 0 | | 1 | 6 | 300 | | | | | | **185** | **13** | | | 11 | | | | | 2 | | 490 | | 995 |
| Public Services | | **0** | | | | | **0** | | 0 | 0 | **165** | | | | | | 9 | 2 | 154 | | | | | | **238** | **3** | | | | | 3 | | | | | 193 | | 599 |
| **Agricultural** | | **0** | **0** | | | | **0** | | | | **216** | | | **0** | **0** | | | **0** | **216** | | | | | | **0** | **0** | | | **0** | | | | | | | **60** | | **276** |
| **Statistical Difference** | | **12** | **19** | **-7** | **0** | **0** | **-25** | **-23** | **1** | **-3** | **-467** | **0** | **0** | **-112** | **-118** | **85** | **-52** | **4** | **-272** | **-0** | **-1** | **0** | **0** | **0** | **-65** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **5** | **0** | **-538** |

* Industry sub-sectoral breakdown is based on the CIP 2008.

**Last Updated : 12 Aug 2010**

**2009 provisional data**

seai SUSTAINABLE ENERGY AUTHORITY OF IRELAND
Energy Policy Statistical Support Unit