

United Kingdom

Reporting Form 6.9: Energy from wood

Pan-European indicator 6.9: Share of wood energy in total energy consumption, classified by origin of wood.

Related SoEF definitions: Forest, Other wooded land, Forest available for wood supply, Trees outside forests, Total Primary (energy) production, Gross inland (energy) consumption, Direct wood fibre sources, Chips and particles, Wood residues, Black liquor, Energy from processed wood-based fuels, Wood pellets, Briquettes, Charcoal, Wood-based ethanol, Wood-based biodiesel, Post consumer recovered wood.

Table 6.9: Total energy production from wood

Category	Reference year 2007	
	(TJ/yr)	(million metric tonnes dry matter/yr)
Total national primary energy consumption:	9923800	
Total national primary energy production:	7788160	
Total energy production from wood:	20440	0.98
Energy from direct wood fibre sources:	4900	0.24
Forests & other wooded land:	4030	0.19
Other land (trees outside forests):	870	0.04
Energy from co-products and residues of the wood processing industries:	3720	0.18
Solid residues (chips, particles, wood residues, bark, <i>excluding</i> processed wood-based fuels):	3660	0.18
Liquid residues from pulp and paper industry (mainly black liquors)	60	0.00
Energy from processed wood-based fuels (pellets, briquettes, charcoal, wood-based ethanol and wood-based biodiesel):	9660	0.47
Energy from post consumer recovered wood:	2160	0.10

Country comments:

References to sources of information	Comments related to data, definitions, etc	Comments on trend(s)* /
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General comments	All energy production from wood is estimated from statistical enquiries of forest industries, including expert estimates and advice on assumptions. As shown in the Joint Wood Energy Enquiry (JWEE), these differ in total from UK energy statistics for wood. Further details are available in the UK response to the JWEE.	Reliable trend data not yet available.
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* / Table 6.9 demands information for 2007 only, information on observed trends is welcome.

Complementary information:

Item	Related information
Approach to calculate or estimate wood directly from forests and outside forests (marketed and self-consumption)	Estimates based on harvesting and deliveries data, not on national forest inventory.
Conversion factors used to convert to energy/from energy units	1 tonne of oil equivalent = 41.868 GJ

Reporting notes:

1. Post consumer recovered wood: Used wood arising from construction of buildings or from civil engineering works. Recovered wood from transport (pallets), private households, as well as used wood arising from construction or demolition of buildings or from civil engineering works. (*source*: UNECE Joint Wood Energy Enquiry 2007).
2. The categories in the reporting form are fully consistent with the main categories requested by the Joint Wood Energy Enquiry (JWEE). Countries that responded to the JWEE are requested to provide consistent values for the indicator 6.9 and for the JWEE. Note that the total Energy from direct wood fibre sources may include energy produced from wood from unspecified source; the total value for this category could be larger than the sum of energy from Forests & other wooded land and Other land (trees outside forests).
3. Reporting on wood energy is also requested by the European Union - National Renewable Energy Action Plan (NREAP). The Reporting form 6.9 categories are consistent with NREAP reporting, countries are encouraged to use data reported for the Commission's template for the national renewable energy action plans (http://ec.europa.eu/energy/renewables/transparency_platform_en.htm), if applicable.

Data sources:

References to sources of information	Quality (H/M/L)	Table 6.9 Categories	Original reporting unit* /	Year(s) / annual	Additional comments
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Digest of UK Energy Statistics 2009: Table 1.2 Aggregate energy balance 2007 and Annex A conversion factors	H	Total national primary energy consumption and production	thousand tonnes of oil equivalent	Annual	
UK response to Joint Wood Energy Enquiry	M	All other categories	various	2007	

*TJ, m³, metric tonnes dry matter, etc.