

World Energy Statistics, International Energy Agency (IEA)

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Summary

The World Energy Statistics online data service contains key energy statistics for 156 countries and 35 regional aggregates. Data are provided in original units for the different types of coal, oil, natural gas, renewables and waste, as well as for electricity and heat. In general, the data is available from 1971 (1960 for OECD countries).

This service is updated two times a year in April and July and this source needs a paid subscription to access.

Tables In IFs

Variable	Definition	Last IFs Update	Name in Source	UsedInPreprocessor
EnConBiodieselTransportIEA	Consumption of biodiesel by the transport sector.	5/16/2017	FLOW: Transport; PRODUCT: Biodiesels	0
EnConBiogasIndustrialIEA	Consumption of biogas (derived from anaerobic fermentation of biomass and solid wastes and combusted to produce heat and/or power) by the industrial sector.	5/18/2017	FLOW: Industry; PRODUCT: Biogases (TJ)	0
EnConBiogasolineTotalIEA	Total final consumption of biogasoline (category includes bioethanol, biomethanol, bioETBE, and bioMTBE).	5/16/2017	FLOW: Final consumption; PRODUCT: Biogasoline	0
EnConBiogasolineTransportIEA	Consumption of biogasoline (category includes bioethanol, biomethanol, bioETBE, and bioMTBE) by the transport sector.	5/16/2017	FLOW: Transport; PRODUCT: Biogasoline	0
EnConBiogasOtherIEA	Consumption of biogas (derived from anaerobic fermentation of biomass and solid wastes and combusted to produce heat and/or power) by other sectors (includes residential, commercial/public services, agriculture/forestry, fishing, and non-specified other).	5/18/2017	FLOW: Other; PRODUCT: Biogases (TJ)	0
EnConBiogasTotalIEA	Total final consumption of biogas (derived from anaerobic fermentation of biomass and solid wastes and combusted to produce heat and/or power).	5/18/2017	FLOW: Total final consumption; PRODUCT: Biogases (TJ)	0
EnConBiomassIndustrialIEA	Consumption of primary solid biomass by the industrial sector.	5/18/2017	FLOW: Industry; PRODUCT: Primary solid biofuels (TJ)	0
EnConBiomassOtherIEA	Consumption of primary solid biomass by other sectors, including the residential sector.	5/18/2017	FLOW: Other; PRODUCT: Primary solid biofuels (TJ)	0
EnConBiomassResidentialIEA	Consumption of primary solid biomass by residential sector.	5/18/2017	FLOW: Residential; PRODUCT: Primary solid biofuels (TJ)	0
EnConBiomassTotalIEA	Total final consumption of primary solid biomass.	5/18/2017	FLOW: Total final consumption; PRODUCT: Primary solid biofuels (TJ)	0
EnConBiomassTransportIEA	Consumption of primary solid biomass by the transport sector.	5/18/2017	FLOW: Transport; PRODUCT: Primary solid biofuels (TJ)	0
EnConOtherBiofuelsIndustrialIEA	Consumption of other liquid biofuels (not reported in either biogasoline or biodiesels) by the industrial sector.	5/1/2017	FLOW: Industry; PRODUCT: Other liquid biofuels (kt)	0
EnConOtherBiofuelsTotalIEA	Total final consumption of other liquid biofuels not reported in either biogasoline or biodiesels.	5/1/2017	FLOW: Final consumption; PRODUCT: Other liquid biofuels (kt)	0
EnConOtherBiofuelsTransportIEA	Consumption of other liquid biofuels (not reported in either biogasoline or biodiesels) by the transport sector.	5/1/2017	FLOW: Transport PRODUCT: Other liquid biofuels (kt)	0
EnConSolarThermalTotalIEA	Total final consumption of solar thermal energy.	5/18/2017	FLOW: Total final consumption; PRODUCT: Solar thermal (TJ)	0
EnConSolarThermalIndustrialIEA	Consumption of solar thermal energy by the industrial sector.	5/18/2017	FLOW: Industry; PRODUCT: Solar thermal (TJ)	0
EnConSolarThermalOtherIEA	Consumption of solar thermal energy by other sectors, including residential, commercial/public services, agriculture/forestry, fishing and non-specified other.	5/18/2017	FLOW: Other; PRODUCT: Solar thermal (TJ)	0
EnConSolarThermalResidentialIEA	Consumption of solar thermal energy by the residential sector.	5/18/2017	FLOW: Residential; PRODUCT: Solar thermal (TJ)	0
EnExportsBiogasolineIEA	Exports of biogasoline (Category includes bioethanol, biomethanol, bioETBE, and bioMTBE).	5/10/2017	FLOW: Exports; PRODUCT: Biogasoline	0
EnExportsBiomassIEA	Exports of primary solid biomass.	5/18/2017	FLOW: Exports; PRODUCT: Primary solid biofuels (TJ)	0
EnExportsOtherBiofuelsIEA	Exports of other liquid biofuels not reported in either biogasoline or biodiesels.	5/10/2017	FLOW: Exports; PRODUCT: Other liquid biofuels	0
EnExpProdBioDieselsCDIEA	Production of energy from Biodiesels	5/16/2017	FLOW: Production; PRODUCT: Biodiesels	0
EnExpProdBiogasCDIEA	Production of energy from Biogas	5/24/2017	FLOW: Production; PRODUCT: Biogases (TJ)	0
EnExpProdBiogasolineCDIEA	Production of energy from Biogasoline	5/11/2017	FLOW: Production; PRODUCT: Biogasoline	0
EnExpProdCharcoalCDIEA	Production of energy from Charcoal	5/11/2017	FLOW: Production; PRODUCT: Charcoal	0
EnExpProdIndustrialWasteCDIEA	Production of energy from Industrial waste sources	5/24/2017	FLOW: Production; PRODUCT: Industrial waste (TJ)	0
EnExpProdMunicipalWasteNonRenewableCDIEA	Production of energy from Municipal waste (non-renewable) sources	5/24/2017	FLOW: Production; PRODUCT: Municipal waste (non-renewable)	0
EnExpProdMunicipalWasteRenewableCDIEA	Production of energy from Municipal waste (renewable) sources	5/24/2017	FLOW: Production; PRODUCT: Municipal waste (renewable) (TJ)	0
EnExpProdnonSpecPrimaryBiomassWasteCDIEA	Production of energy from Non-specified primary biomass and wastes	5/24/2017	FLOW: Production; PRODUCT: Non-specified primary biofuels and waste (TJ)	0
EnExpProdOtherLiquidbiofuelsCDIEA	Production of energy from Other liquid biofuels	5/11/2017	FLOW: Production; PRODUCT: Other liquid biofuels	0
EnExpProdOtherSourcesCDIEA	Production of energy from Other sources	5/11/2017	FLOW: Production; PRODUCT: Other sources	0
EnExpProdPrimarySolidGasCDIEA	Production of energy from Primary solid biomass	5/18/2017	FLOW: Production; PRODUCT: Primary solid biofuels (TJ)	0
EnExpProdSolarThermalCDIEA	Production of energy from Solar thermal products	5/24/2017	FLOW: Production; PRODUCT: Solar Thermal (TJ)	0
EnExpProdSPVCDIEA	Production of energy from Solar photovoltaics products	5/27/2017	FLOW: Production; PRODUCT: Solar photovoltaics	0
EnExpProdTideWaveOceanCDIEA	Production of energy from Tide, wave and ocean sources	5/11/2017	FLOW: Production; PRODUCT: Tide, wave and ocean	0
EnExpProdWindCDIEA	Production of energy from Wind sources	5/27/2017	FLOW: Production; PRODUCT: Wind	0
EnImportsBiogasolineIEA	Imports of biogasoline (Category includes bioethanol, biomethanol, bioETBE, and bioMTBE).	5/23/2017	FLOW: Imports; PRODUCT: Biogasoline	0
EnImportsBiomassIEA	Imports of primary solid biomass.	5/18/2017	FLOW: Imports; PRODUCT: Primary solid biofuels (TJ)	0
EnProdBiogasolineIEA	Production of biogasoline. Category includes bioethanol, biomethanol, bioETBE, and bioMTBE.	5/11/2017	FLOW: Production; PRODUCT: Biogasoline	0
EnProdBiomassIEA	Production of primary solid biomass.	5/24/2017	FLOW: Production; PRODUCT: Primary solid biofuels (TJ)	0
EnProdCombustRenewWasteIEA	Production of combustible renewables and waste. Includes industrial waste, municipal waste, biomass, biogas, and liquid biofuels.	5/11/2017	FLOW: Production; PRODUCT: Biofuels and waste	0
EnConBiodieselTotalIEA	Total final consumption of biodiesel.	8/12/2013	No Name in Source	0
EnTPESGasCDIEA	Total Primary Supply of Gas products	8/12/2013		0
EnTPESGeothermalCDIEA	Total Primary Supply of Geothermal power	8/12/2013		0
EnTPESHeatCDIEA	Total Primary Supply of Heat	8/12/2013		0
EnTPESHydroCDIEA	Total Primary Supply of Hydro power	8/12/2013		0
EnTPESNuclearCDIEA	Total Primary Supply of Nuclear energy	8/12/2013		0
EnTPESOilProductsCDIEA	Total Primary Supply of Oil products	8/12/2013		0
EnTPESPeatCDIEA	Total Primary Supply of Peat	8/12/2013		0
EnTPESSolarWindOtherCDIEA	Total Primary Supply of solar and wind power	8/12/2013		0
EnTPESTotalCDIEA	Total Primary Supply of All types of energy source	8/12/2013		0
EnImportsCombustRenewWasteIEA	Imports of combustible renewables and waste. Includes industrial waste, municipal waste, biomass, biogas, and liquid biofuels.	4/24/2009	No Name in Source	0

Data Pulling Instructions

1. If you are provided access through subscription, navigate to
<https://www.iea.org/data-and-statistics/data-product/world-energy-statistics#data-sets>
2. Select the Energy statistics
3. Download Energy statistics (April 2025 - IEA Family and beyond) ZIP folder [or most recent folder]

Data Notes

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