

Indices for Availability

Index Name	Formula	Units	Literature Sources	Data Sources
Energy Import Dependency	$\frac{TPE_{con} - TPE_{pro}}{TPE_{con}}$	[1]	IAEA et al. 2005, World Energy Council 2020	IEA 2020
Resources to production ratio	$\frac{\text{total energy resources (coal, gas, oil)}}{\text{annual production of energy}}$	[1]	IAEA et al. 2005, Gupta 2008	BRG 2019, IEA 2020
Energy production per capita	$\frac{\text{Total annual energy production}}{\text{population}}$	$\left[\frac{TWh}{capita}\right]$	Erahman 2016	IEA 2020, Worldbank 2019

TPE_{con} : total primary energy consumption;

TPE_{pro} : total primary energy production

Units: TPE_{con} und TPE_{pro} describe amounts of energy and therefore have energy units like PJ, TWh, BTU, ktoe. The quotient is dimensionless [1].