

## 2. ENERGY CALORIES (JAPAN)

Energy	Unit	Average Calorie (kcal)		Energy	Unit	Average Calorie (kcal)			
<Coal>				Kerosene	L	1953-99	8,900		
Coking Coal (Domestic)	kg	1953-55	7,400	Gas Oil	L	2000-	8,767		
		1956-60	7,500			1953-99	9,200		
		1961-65	7,600			2000-04	9,126		
		1966-	7,700			2005-	9,006		
Coking Coal (Import)	kg	1953-99	7,600	Fuel Oil A	L	1953-99	9,300		
		2000-04	6,904			2000-	9,341		
		2005-	6,928			1953-99	9,600		
Steam Coal (Domestic)	kg	1953-65	5,900	Fuel Oil B	L	2000-	9,651		
		1966-70	5,800			Fuel Oil C	L	1953-99	9,800
		1971-80	5,600					2000-04	9,962
		1981-99	5,800					2005-	10,009
Steam Coal (Import)	kg	2000-	5,375	Lubricants	L	1953-99	9,600		
		1953-99	6,200			2000-	9,603		
		2000-04	6,354			Other Petroleum	kg	1953-99	10,100
		2005-	6,139					2000-04	10,105
Hard Coal (Domestic)	kg	1953-65	5,700	Refinery Gas	m <sup>3</sup>	2005-	9,771		
		1966-70	5,600			1953-99	9,400		
		1971-75	6,100			2000-	10,726		
		1976-	4,300			Petroleum Coke	kg	1953-99	8,500
1953-99	6,500	2000-04	8,504						
Hard Coal (Import)	kg	2000-04	6,498	LPG	kg	2005-	7,143		
		2005-	6,426			1953-99	12,000		
		1953-99	4,100			2000-04	11,992		
		2000-	4,109			2005-	12,136		
Coke	kg	1953-99	7,200	Natural Gas	m <sup>3</sup>	1953-99	9,800		
		2000-04	7,191	Natural Gas (Domestic)	m <sup>3</sup>	2000-04	9,771		
		2005-	7,023	2005-	10,392				
Coke Oven Gas	m <sup>3</sup>	1953-99	4,800	LNG	kg	1953-99	13,000		
		2000-	5,041	Natural Gas (Import)	kg	2000-04	13,019		
Blast Furnace Gas	m <sup>3</sup>	1953-99	800	Coal Field Gas	m <sup>3</sup>	2005-	13,043		
		2000-	815			1953-99	8,600		
Converter Gas	m <sup>3</sup>	1953-99	2,000	Town Gas	m <sup>3</sup>	1953-99	10,000		
		2000-	2,009			2000-04	9,818		
Patent Fuel	kg	1953-99	5,700	Electricity	kWh	2005-	10,702		
		2000-	5,709			( ) is thermal efficiency			
<Oil>				(20.7%)		1953	4,150		
Crude Oil	L	1953-55	9,300	(22.2%)		1954	3,850		
		1956-60	9,350	(24.0%)		1955	3,600		
		1961-70	9,400	(25.8%)		1956	3,350		
		1971-80	9,300	(26.8%)		1957	3,200		
		1981-99	9,250	(28.6%)		1958	3,000		
		2000-	9,126	(31.1%)		1959	2,750		
NGL	L	1953-99	8,100	(31.9%)		1960	2,700		
		2000-	8,433	(32.7%)		1961	2,650		
Gasoline	L	1953-99	8,400	(33.9%)		1962	2,550		
		2000-	8,266	(36.0%)		1963	2,400		
		1953-99	8,000	(36.5%)		1964	2,350		
Naphtha	L	2000-04	8,146	(36.9%)		1965	2,350		
		2005-	8,027	(37.4%)		1966-70	2,300		
		1953-99	8,700	(38.1%)		1971-99	2,250		
Jet Fuel	L	2000-	8,767	(39.98%)		2000-04	2,150		
				(40.88%)		2005-	2,105		

Source) Prepared from "EDMC Handbook of Energy and Economic Statistics in JAPAN (2009)"