

# Energy Consumption in Brazil

## 1981-2000\*

SOURCES	1981	1982	1983	1984	1985	1986	1987	1988
<b>NON-RENEWABLE ENERGY (total)</b>	58,921	60,367	59,455	64,694	66,801	71,328	74,039	73,894
PETROLEUM	52,478	51,856	50,905	54,124	54,580	58,081	59,460	59,709
NATURAL GAS	1,032	1,396	1,912	2,364	2,949	3,361	3,817	3,947
STEAM COAL	1,794	2,193	2,163	2,198	2,472	2,931	2,697	2,247
METALLURGICAL COAL	3,617	3,768	4,475	6,008	6,800	6,955	7,251	7,638
URANIUM - U308	0	1,154	0	0	0	0	814	353
<b>RENEWABLE ENERGY (total)</b>	78,991	82,671	90,018	98,984	104,382	103,789	108,229	110,380
HYDRAULIC	37,922	40,928	43,928	48,312	51,729	52,902	53,824	57,737
FIREWOOD	30,034	28,745	29,855	32,922	32,513	32,356	32,367	32,158
SUGAR CANE	9,955	11,844	15,056	16,342	18,576	16,781	20,197	18,506
OTHERS	1,080	1,154	1,179	1,408	1,564	1,750	1,841	1,979
<b>TOTAL</b>	<b>137,912</b>	<b>143,038</b>	<b>149,473</b>	<b>163,678</b>	<b>171,183</b>	<b>175,117</b>	<b>182,268</b>	<b>184,274</b>

SOURCES	1989	1990	1991	1992	1993	1994	1995	1996
<b>NON-RENEWABLE ENERGY (total)</b>	73,691	72,914	73,078	74,191	75,762	80,164	78,261	83,366
PETROLEUM	59,771	59,382	57,638	59,752	60,360	63,687	61,758	66,541
NATURAL GAS	4,110	4,147	4,229	4,501	4,805	4,973	5,167	5,758
STEAM COAL	2,224	1,917	2,385	2,022	1,790	1,921	1,928	1,865
METALLURGICAL COAL	7,586	7,468	7,672	7,916	8,375	8,235	8,652	9,202
URANIUM - U308	0	0	1,154	0	432	1,348	756	0
<b>RENEWABLE ENERGY (total)</b>	111,844	108,166	111,361	111,783	114,471	119,235	120,706	124,608
HYDRAULIC	59,360	59,945	63,157	64,769	68,169	70,384	73,632	77,074
FIREWOOD	32,541	28,180	26,367	24,776	24,493	24,547	22,971	21,696
SUGAR CANE	17,966	17,937	19,524	19,523	18,859	21,337	21,216	22,790
OTHERS	1,977	2,104	2,313	2,715	2,950	2,967	2,887	3,048
<b>TOTAL</b>	<b>185,535</b>	<b>181,080</b>	<b>184,439</b>	<b>185,974</b>	<b>190,233</b>	<b>199,399</b>	<b>198,967</b>	<b>207,974</b>

<b>SOURCES</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>
<b>NON-RENEWABLE ENERGY (total)</b>	96,371	99,705	98,878	104,848
PETROLEUM	71,648	77,174	79,730	81,052
NATURAL GAS	6,168	6,508	7,455	9,296
STEAM COAL	2,000	1,750	2,501	2,903
METALLURGICAL COAL	9,371	9,283	9,003	9,607
URANIUM - U308	7,184	4,990	189	1,990
<b>RENEWABLE ENERGY (total)</b>	130,798	133,448	133,914	134,240
HYDRAULIC	80,902	84,526	84,936	89,208
FIREWOOD	21,393	20,998	21,264	21,482
SUGAR CANE	25,261	24,520	23,959	19,527
OTHERS	3,242	3,404	3,755	4,023
<b>TOTAL</b>	<b>227,169</b>	<b>233,153</b>	<b>232,792</b>	<b>239,088</b>

Source: Brazilian Energy Balance 2001 – Ministry of Mines & Energy (MME)

\* Tons of equivalent oil (1000's)