

Country/	Source	Historical Data for Fuelwood (1000 CUM)																	
		1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
1 Burkina Faso	Best estim	5,203	5,450	5,709	5,980	6,264	6,562	6,874	7,200	7,542	7,901	8,276	8,680	9,106	9,551	10,017	10,504	11,014	0
	FAO	6,293	6,455	6,624	6,801	6,986	7,179	7,381	7,592	7,811	8,038	8,272	8,514	8,761	9,016	9,278	9,545	9,649	0
	IEA																0	0	
	ESMAP	0	0	0	5,462	0	0	0	4,128	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE								4,138	0	0	0	0	0	0	0	0	0	0
	Other data	5,203	0	5,257	0	0	0	0	4,128	0	0	8,276	0	0	0	0	0	0	0
1975 : 2,683 kt (FAOL13)		FAOL35							FAOL35 OD22			IEA2							
Reference Data recorded as Best Estimates (BE) for years 1975-80 and 1987. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																			
NB : Per Capita Consumption growth beyond 1987 was simulated using the average Per Capita Consumption growth recorded within 1980 and 1987.																			
2 Cape Verde	Best estim	37	38	40	46	53	61	70	81	93	94	97	99	101	104	107	109	113	0
	FAO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0
	IEA																0	0	
	ESMAP	0	0	0	0	0	0	0	0	87	0	0	0	0	0	0	0	0	0
	ENDA/IEPE									76	0	0	0	0	0	0	0	0	0
	Other data	0	0	40	0	0	0	0	108	93	0	0	0	0	0	0	0	0	0
1975 : 22 kt (FAOL13)									FAOL24 OD22										
Reference Data recorded as Best Estimates (BE) for years 1975-80 and 1988. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																			
NB : Per Capita Consumption growth beyond 1988 was simulated using the average Per Capita Consumption growth recorded within 1980 and 1988.																			
3 Chad	Best estim	2,026	2,032	2,037	2,042	2,047	2,053	2,058	2,064	2,069	2,078	2,091	2,107	2,128	2,151	2,176	2,202	2,229	0
	FAO	725	742	759	777	795	813	829	845	862	879	899	921	945	971	998	1,026	1,059	0
	IEA																0	0	
	ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE									2,069	0	0	0	0	0	0	0	0	0
	Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975 : 1,450 kt (FAOL13)																			
Reference Data recorded as Best Estimates (BE) for years 1975 and 1988. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																			
4 Gambia	Best estim	530	593	610	628	647	666	685	705	726	747	769	792	815	839	860	880	895	0
	FAO	660	678	440	528	595	595	595	595	595	595	595	595	650	700	700	700	700	0
	IEA																0	0	
	ESMAP	0	593	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE									0	0	0	0	0	0	0	0	0	0
	Other data	0	593	1,004	0	0	0	0	386	0	0	0	0	0	839	0	0	0	0
1973 : 500 kt (FAOL34) 1975 : 218 kt (FAOL13)									OD22					FAOL34					
Reference Data recorded as Best Estimates (BE) for years 1975-81 and 1993. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																			
NB : Per Capita Consumption growth beyond 1993 was simulated using the average Per Capita Consumption growth recorded within 1981 and 1993.																			
5 Guinea-Bissau	Best estim	759	675	595	524	462	407	358	316	322	328	334	341	348	354	361	368	375	0
	FAO	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	0
	IEA																0	0	
	ESMAP	0	0	0	524	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE								303	0	0	0	0	0	0	0	0	0	0
	Other data	0	0	0	0	0	0	0	290	0	0	0	0	807	0	0	0	0	0
Sources, notes, Comments, etc.									OD22										
Reference Data recorded as Best Estimates (BE) for years 1983 and 1987. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																			
NB : Per Capita Consumption growth beyond 1987 was simulated using the same Per Capita Consumption as recorded in 1987.																			
6 Mali	Best estim	4,118	4,288	4,465	4,649	4,841	5,041	5,249	5,466	5,630	5,800	5,974	6,154	6,340	6,537	6,738	6,943	7,150	0
	FAO	3,872	3,974	4,086	4,207	4,334	4,466	4,601	4,741	4,886	5,038	5,198	5,365	5,539	5,719	5,903	6,091	6,282	0
	IEA																0	0	
	ESMAP	0	0	0	0	0	0	0	5,439	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE								0	0	6,897	0	0	0	0	0	0	0	0
	Other data	4,101	0	0	0	0	0	0	5,466	0	0	0	0	6,340	0	0	0	0	0
1975 : 2,538 kt (FAOL13)		BE : 1 T charcoal = 7 T wood. Other Data : 1 T charcoal = 7 T wood.										Average FAOL36 OD22							
Reference Data recorded as Best Estimates (BE) for years 1975-80-87 and 1992. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																			
NB : Per Capita Consumption growth beyond 1992 was simulated using the average Per Capita Consumption growth recorded within 1987 and 1992.																			

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		1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
7 Mauritania	Best estim	933	963	953	873	800	733	672	616	564	510	471	435	402	371	343	317	292	0
	FAO	6	6	6	6	6	6	7	7	7	7	7	8	8	8	8	8	9	0
	IEA																0	0	0
	ESMAP	0	0	0	535	0	0	0	0	564	0	0	0	0	0	0	0	0	0
	ENDA/IEPE						0	0	0	0	510	0	0	0	0	0	0	0	0
	Other data	0	963	953	0	0	0	0	386	0	0	0	0	0	0	0	0	0	0
	1975 : 580 kt (FAOL13)								OD22										
Reference Data recorded as Best Estimates (BE) for years 1975-80-81-82-88 and 1989. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																			
NB : Per Capita Consumption growth beyond 1989 was simulated using the average Per Capita Consumption growth recorded within 1981 and 1989.																			
8 Niger	Best estim	2,926	2,897	2,869	2,853	2,837	2,821	2,805	2,790	2,774	2,759	2,882	3,011	3,146	3,287	3,437	3,593	3,756	0
	FAO	3,359	3,474	3,595	3,719	3,846	3,974	4,103	4,232	4,364	4,503	4,650	4,806	4,970	5,142	5,321	5,504	5,693	0
	IEA																0	0	0
	ESMAP	0	2,579	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE						0	0	0	0	2,759	0	0	0	0	0	0	0	0
	Other data	2,926	0	2,869	0	0	0	0	2,483	2,817	0	4,414	0	0	3,287	0	0	0	0
	1975 : 2,030 kt (FAOL13) 1977 : 218 kt (FAOL37)	S44	FAOL17						OD22	FAOL37		IEA2		FAOL37					
Reference Data recorded as Best Estimates (BE) for years 1975-77-80-82-89 and 1993. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																			
NB : Per Capita Consumption growth beyond 1993 was simulated using the average Per Capita Consumption growth recorded within 1989 and 1993.																			
9 Senegal	Best estim	5,851	3,006	5,241	4,293	3,515	2,879	2,358	1,931	1,939	2,069	2,179	2,076	2,388	2,138	2,443	2,525	2,611	0
	FAO	2,543	2,615	2,690	2,767	2,845	2,927	3,011	3,098	3,186	3,275	3,364	3,452	3,539	3,628	3,720	3,816	3,917	0
	IEA																3,755	3,865	0
	ESMAP	0	3,006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE						0	0	0	1,939	2,069	2,179	0	2,388	0	2,443	0	0	0
	Other data	5,851	0	5,241	0	0	0	0	1,931	1,939	2,000	2,179	2,076	2,388	2,138	2,443	3,738	0	0
	IEA : 1 T charcoal = 11.1 T wood. Other Data : 1 T charcoal = 5.5 T wood	1975 : 2,103 kt (FAOL13)																	
									OD22	OD25	FAOL33	OD25	FAOL33	OD25	OD25				
Reference Data recorded as Best Estimates (BE) for years 1975-80-81-82-87-88-89-90-91-93 and 1994. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																			
NB : Per Capita Consumption growth beyond 1994 was simulated using the average Per Capita Consumption growth recorded within 1987 and 1994.																			
10 Djibouti	Best estim	30	32	34	36	39	41	44	47	50	52	55	57	59	60	62	64	65	0
	FAO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0
	IEA																0	0	0
	ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE						41	0	0	0	0	0	0	0	0	0	0	0	0
	Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sources, notes, Comments, etc.																		
Reference Data recorded as Best Estimates (BE) for years 1985. Time series reconstitution made through 3 steps : i/ Calculate the Per Capita Consumption of this reference year, (ii) Use a uniform Per Capita consumption for the other years; (iii) Multiply the calculated Per Capita by the population as to fill in the gaps.																			
11 Eritrea	Best estim	0	0	0	0	0	0	0	0	0	0	0	0	0	2,939	3,081	3,249	3,446	0
	FAO	0	0	0	0	0	0	0	0	0	0	0	0	0	2,411	2,464	2,534	2,621	0
	IEA																0	0	0
	ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
	Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sources, notes, Comments, etc.																		
Data related to Fuelwood was simulated using the similar Per Capita consumption as Ethiopia.																			
12 Ethiopia	Best estim	27,200	28,730	30,346	32,053	33,856	35,761	37,773	39,898	42,142	44,513	47,017	49,227	51,541	51,568	54,585	57,791	61,199	0
	FAO	30,966	31,718	32,492	33,288	34,127	35,030	35,987	36,998	38,073	39,191	40,353	41,567	42,815	42,299	43,654	45,072	45,320	0
	IEA																48,856	50,088	0
	ESMAP	0	0	12,178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
	Other data	27,200	0	26,870	0	0	0	0	0	0	0	47,017	0	51,541	0	0	0	0	0
	IEA : 1 T charcoal = 8.8 T wood	Sources, notes, Comments, etc. FAOL19																	
												IAE45		IAE16					
														IAE28					
Reference Data recorded as Best Estimates (BE) for years 1980-90 and 1992. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																			
NB : Per Capita Consumption growth beyond 1992 was simulated using the average Per Capita Consumption growth recorded within 1980 and 1992.																			

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			1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
13	Kenya	Best estim	20,120	24,837	30,735	20,207	21,692	19,305	18,005	18,545	17,551	17,159	17,283	17,422	17,575	17,745	17,935	18,146	19,382	0
		FAO	15,839	16,432	17,024	17,634	18,274	18,905	19,560	20,237	20,923	21,620	22,315	23,035	23,789	24,528	25,151	25,811	27,695	0
		IEA																18,146	19,382	0
		ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE							0	0	0	0	0	0	0	0	0	0	0	0
		Other data	20,120	0	26,759	20,207	12,734	17,088	15,600	16,379	16,338	17,159	40,939	0	0	0	0	0	0	0
	IEA : 1 T charcoal = 8.9 T wood	1978 : 6,921 kt (FAOL20) - 1979 : 15,075 kt (FAOL20)	Average : FAOL15-FAOL20-IEA35	FAOL19	FAOL20		FAOL25-FAOL56	Average : FAOL23-IAE22/IAE56-IAEL20/IEA53	FAOL25-FAOL56	FAOL20-FAOL53	FAOL25-FAOL56	FAOL20-FAOL53	IAE45							
Reference Data recorded as Best Estimates (BE) for years 1980-82-83-85-86-87-88-89-95 and 1996. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
			1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
14	Somalia	Best estim	4,206	4,537	4,894	4,201	3,608	3,627	3,636	3,633	3,622	3,606	3,589	3,569	3,550	3,537	3,542	3,568	3,617	0
		FAO	5,704	5,921	6,133	6,336	6,523	6,692	6,843	6,977	7,099	7,213	7,327	7,438	7,549	7,677	7,845	8,065	8,059	0
		IEA																0	0	0
		ESMAP	0	0	0	0	3,563	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
		Other data	0	0	4,862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1975 : 2,064 kt (ESMAP)			FAOL19															
Reference Data recorded as Best Estimates (BE) for years 1975-82 and 1984. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
NB : Per Capita Consumption growth beyond 1984 was simulated using the average Per Capita Consumption growth recorded within 1975 and 1984.																				
15	Sudan	Best estim	12,105	11,858	11,478	11,111	10,755	10,412	10,079	9,758	9,447	9,146	8,855	8,573	8,301	8,038	7,783	7,537	8,036	0
		FAO	4,856	5,002	5,148	5,294	5,438	5,580	5,718	5,855	5,989	6,122	6,255	6,389	6,522	6,659	6,799	6,944	7,502	0
		IEA																7,536	8,036	0
		ESMAP	0	11,858	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
		Other data	40,124	0	35,409	0	0	0	0	0	0	0	0	0	0	0	7,388	0	0	0
	IEA : 1 T charcoal = 8.9 T wood	Sources, notes, Comments, etc.			FAOL19												FAOL26			
Reference Data recorded as Best Estimates (BE) for years 1981-85 and 1995. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
16	Benin	Best estim	2,333	2,386	2,443	2,503	2,565	2,628	2,693	2,759	2,827	2,897	2,965	3,034	3,104	3,174	3,245	3,317	3,390	0
		FAO	3,383	3,482	3,588	3,700	3,817	3,937	4,059	4,187	4,316	4,448	4,582	4,719	4,858	5,000	5,144	5,291	5,453	0
		IEA																5,463	5,971	0
		ESMAP	0	0	2,442	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	1,343	0	2,897	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IEA : 1 T charcoal = 8.9 T wood	Sources, notes, Comments, etc.				FAOL19														
Reference Data recorded as Best Estimates (BE) for years 1982 and 1989. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
17	Côte D'Ivoire	Best estim	5,080	4,893	4,714	4,537	4,368	4,207	4,372	5,178	6,149	7,321	6,691	6,986	7,295	7,611	7,920	8,213	8,485	0
		FAO	5,811	6,039	6,275	6,518	6,764	7,012	7,258	7,505	7,755	8,014	8,286	8,572	8,871	9,170	9,454	9,713	10,450	0
		IEA																10,383	7,834	0
		ESMAP	0	0	5,731	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	6,759	0	0	0	0	0	0	0	0
		Other data	0	0	4,225	0	0	4,207	4,372	5,356	0	0	6,691	0	0	0	0	0	0	0
	BE : 1 T charcoal = 8 T wood, IEA : 1 T charcoal = 8.9 T wood. Other Data : 1 T charcoal = 8 T wood	Sources, notes, Comments, etc.						OD35	OD35	OD35			OD6	OD7						
Reference Data recorded as Best Estimates (BE) for years 1982-85-86-89 and 1990. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
NB : Per Capita Consumption growth beyond 1990 was simulated using the average Per Capita Consumption growth recorded within 1982 and 1990.																				
18	Ghana	Best estim	6,277	6,482	6,694	6,912	7,138	7,371	7,735	8,119	8,523	8,949	9,397	9,285	9,175	9,067	8,960	8,855	9,008	0
		FAO	9,647	10,052	10,949	12,307	12,388	12,411	12,429	12,562	12,750	12,870	12,870	11,000	15,000	18,100	20,678	20,678	20,678	0
		IEA																8,856	13,406	0
		ESMAP	0	0	0	0	0	7,371	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	5,545	7,372	0	0	0	0	8,552	0	0	0	0	8,305	0	0
	IEA : 1 T charcoal = 9 T wood	1975 : 3,876 kt (FAOL20)					FAOL20	FAOL20					IEA63					IEA17		
Reference Data recorded as Best Estimates (BE) for years 1975-85-90 and 1995. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				

Country/	Source	Historical Data for Fuelwood (1000 CUM)																	
19 Guinea		1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	Best estim	7,751	7,483	7,228	6,986	6,754	6,993	7,241	7,497	7,762	8,037	7,849	7,669	7,496	7,331	7,172	7,417	7,572	0
	FAO	2,676	2,728	2,788	2,853	2,922	2,992	3,061	3,131	3,211	3,316	3,453	3,630	3,838	4,057	4,255	4,409	4,141	0
	IEA																0	0	0
	ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE							0	0	0	0	6,897	0	0	0	0	0	0	0
	Other data	0	0	0	0	6,754		0	0	0	0	0	0	0	0	7,172	0	0	0
	Sources, notes, Comments, etc.					OD27										OD14			
	Other data :					5,578 kt (FAOL31)													
Reference Data recorded as Best Estimates (BE) for years 1978-84-89 and 1994. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																			
NB : Per Capita Consumption beyond 1994 was simulated using the same Per Capita Consumption as recorded in 1994.																			
20 Liberia		1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	Best estim	2,879	2,793	2,700	2,308	2,525	2,652	2,807	2,985	3,146	3,237	3,011	2,694	2,331	2,001	1,768	1,771	1,873	0
	FAO	2,400	2,100	2,200	1,860	1,950	2,050	2,700	2,700	2,700	2,700	2,700	2,700	2,700	2,700	2,700	2,700	2,700	0
	IEA																0	0	0
	ESMAP	0	0	0	2,308	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
	Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sources, notes, Comments, etc.																		
Reference Data recorded as Best Estimates (BE) for years 1983. Time series reconstitution made through 3 steps : i/ Calculate the Per Capita Consumption of this reference year, (ii) Use the same Per Capita consumption growth as Guinea; (iii) Multiply the calculated Per Capita by the population as to fill in the gaps.																			
21 Nigeria		1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	Best estim	133,669	132,623	131,640	130,714	129,842	129,023	128,251	127,522	126,850	126,246	125,716	122,852	120,140	117,573	113,443	109,458	121,909	0
	FAO	60,310	62,030	63,810	65,660	67,582	69,575	71,622	73,732	75,912	78,159	80,519	82,979	85,519	88,149	90,829	93,549	96,319	0
	IEA																109,458	121,909	0
	ESMAP	0	0	0	0	0	0	0	0	0	0	98,483	0	0	0	0	0	0	0
	ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
	Other data	40,966	0	0	0	0	0	0	0	0	0	38,941	102,069	0	0	0	0	0	0
IEA : 1 T charcoal = 8.9 T wood	Sources, notes, Comments, etc.											IEA2							
Reference Data recorded as Best Estimates (BE) for years 1990-95 and 1996. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																			
NB : Per Capita Consumption growth before 1990 was simulated using the average Per Capita Consumption growth recorded within 1990 and 1996.																			
22 Sierra Leone		1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	Best estim	2,873	2,895	2,916	2,938	2,963	2,965	2,977	3,013	3,049	3,074	3,085	3,080	3,062	3,041	3,031	3,043	3,079	0
	FAO	2,260	2,306	2,353	2,400	2,450	2,504	2,564	2,628	2,692	2,747	2,792	2,822	2,840	2,856	2,883	2,931	3,225	0
	IEA																0	0	0
	ESMAP	0	0	0	0	2,956	0	2,977	0	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
	Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sources, notes, Comments, etc.																		
Reference Data recorded as Best Estimates (BE) for years 19840 and 1986. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																			
23 Togo		1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	Best estim	1,831	1,887	1,946	2,006	2,069	2,134	2,201	2,273	2,348	2,426	2,505	2,586	2,668	2,754	2,840	2,926	3,013	0
	FAO	532	547	563	580	598	616	635	655	675	695	717	739	762	785	808	831	869	0
	IEA																0	0	0
	ESMAP	0	2,542	1,913	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE						0	0	0	0	0	0	1,931	0	0	0	0	0	0
	Other data	0	1,887	1,946	2,006	2,069	2,134	2,201	2,273	2,348	2,426	0	0	0	0	0	0	0	0
	Sources, notes, Comments, etc.		OD15	OD15	OD15	OD15	OD15	OD15	OD15	OD15	OD15								
Reference Data recorded as Best Estimates (BE) for years 1981-82-83-84-85-86-87-88 and 1989. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																			
NB : Per Capita Consumption growth beyond 1989 was simulated using the average Per Capita Consumption growth recorded within 1981 and 1989.																			
24 Burundi		1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	Best estim	2,190	2,249	2,311	2,376	2,444	2,517	2,595	2,677	2,759	3,018	3,291	3,576	3,877	4,198	4,552	4,951	5,403	0
	FAO	3,083	3,167	3,253	3,345	3,441	3,544	3,653	3,768	3,884	3,994	4,096	4,184	4,264	4,342	4,426	4,526	4,910	0
	IEA																0	0	0
	ESMAP	0	0	0	0	0	0	0	0	3,013	0	0	0	0	0	0	0	0	0
	ENDA/IEPE						0	0	0	2,759	0	0	0	0	0	0	0	0	0
	Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sources, notes, Comments, etc.																		
Reference Data recorded as Best Estimates (BE) for years 1988. Time series reconstitution made through 3 steps : i/ Calculate the Per Capita Consumption of this reference year, (ii) Use the same Per Capita consumption growth recorded for Rwanda (iii) Multiply the calculated Per Capita by the population as to fill in the gaps.																			
25 Cameroon		1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	Best estim	9,094	9,335	9,582	9,837	10,097	10,365	10,638	10,916	11,203	11,496	11,605	11,716	11,828	11,941	12,055	12,170	13,557	0
	FAO	7,433	7,724	7,807	8,033	8,265	8,503	8,747	8,997	9,254	9,517	9,787	10,060	10,350	10,640	10,940	11,240	11,600	0
	IEA																12,170	13,558	0
	ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ENDA/IEPE						0	0	0	0	8,966	0	0	0	0	0	0	0	0
	Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IEA : 1 T charcoal = 9.2 T wood	Sources, notes, Comments, etc.																		

Country/		Source	Historical Data for Fuelwood (1000 CUM)																	
Reference Data recorded as Best Estimates (BE) for years 1989-95 and 1996. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
NB : Per Capita Consumption growth before 1989 was simulated using the average Per Capita Consumption growth recorded within 1989 and 1996.																				
26	Central African Rep.	Best estim	1980 2,147	1981 2,198	1982 2,249	1983 2,301	1984 2,355	1985 2,411	1986 2,469	1987 2,531	1988 2,592	1989 2,655	1990 2,719	1991 2,782	1992 2,845	1993 2,910	1994 2,974	1995 3,039	1996 3,105	1997 0
		FAO	2,485	2,547	2,613	2,680	2,860	2,925	2,990	3,055	3,055	3,055	3,055	3,055	3,250	3,250	3,250	3,250	3,250	0
		IEA																0	0	0
		ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE							0	0	0	0	2,655	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Sources, notes, Comments, etc.																		
Reference Data recorded as Best Estimates (BE) for years 1989. Time series reconstitution made through 3 steps : i/ Calculate the Per Capita Consumption of this reference year, (ii) Use a uniform Per Capita consumption for the other years; (iii) Multiply the calculated Per Capita by the population as to fill in the gaps.																				
27	Congo, Dem. Rep.	Best estim	1980 24,470	1981 24,972	1982 25,497	1983 26,041	1984 25,270	1985 24,547	1986 23,882	1987 23,290	1988 22,791	1989 22,416	1990 22,208	1991 24,647	1992 27,542	1993 31,045	1994 35,370	1995 40,614	1996 46,055	1997 0
		FAO	25,230	26,040	26,880	27,760	28,670	29,610	30,560	31,530	32,560	33,690	34,950	36,360	37,900	39,500	41,040	42,470	42,310	0
		IEA																39,870	45,290	0
		ESMAP	0	0	0	26,042	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	0	20,690	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IEA : 1 T charcoal = 8.7 T wood	Sources, notes, Comments, etc.																		
Reference Data recorded as Best Estimates (BE) for years 1983-90-95 and 1996. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
NB : Per Capita Consumption growth before 1983 was simulated using the average Per Capita Consumption growth recorded within 1983 and 1990.																				
28	Congo, Rep.	Best estim	1980 1,476	1981 1,518	1982 1,561	1983 1,606	1984 1,652	1985 1,701	1986 1,751	1987 1,804	1988 1,858	1989 1,915	1990 1,973	1991 2,034	1992 2,096	1993 2,161	1994 2,226	1995 2,292	1996 2,527	1997 0
		FAO	1,513	1,556	1,601	1,647	1,694	1,744	1,795	1,850	1,905	1,963	2,023	2,085	2,150	2,215	2,283	2,351	2,416	0
		IEA																2,292	2,527	0
		ESMAP	0	0	0	0	0	1,012	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	1,655	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	IEA : 1 T charcoal = 8.9 T wood	Sources, notes, Comments, etc.																		
Reference Data recorded as Best Estimates (BE) for years 1995 and 1996. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the other years using the same Per Capita consumption as recorded for 1995 (iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
NB : Per Capita Consumption before 1995 was simulated using the same Per Capita Consumption as recorded in 1995.																				
29	Equatorial Guinea	Best estim	1980 211	1981 222	1982 239	1983 256	1984 260	1985 258	1986 252	1987 243	1988 232	1989 221	1990 210	1991 224	1992 239	1993 256	1994 274	1995 295	1996 334	1997 0
		FAO	421	429	438	447	447	447	447	447	447	447	447	447	447	447	447	447	447	0
		IEA																0	0	0
		ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	221	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Sources, notes, Comments, etc.																		
Reference Data recorded as Best Estimates (BE) for years 1989. Time series reconstitution made through 3 steps : i/ Calculate the Per Capita Consumption of this reference year, (ii) Use the same Per Capita consumption growth as recorded for Congo dem. Rep.; (iii) Multiply the calculated Per Capita by the population as to fill in the gaps.																				
30	Gabon	Best estim	1980 572	1981 586	1982 601	1983 615	1984 619	1985 623	1986 627	1987 633	1988 639	1989 645	1990 647	1991 669	1992 691	1993 716	1994 741	1995 770	1996 865	1997 0
		FAO	1,514	1,560	1,608	1,656	1,706	1,759	1,814	1,871	1,930	1,989	2,048	2,107	2,169	2,230	2,291	2,357	2,975	0
		IEA																3,036	3,314	0
		ESMAP	0	0	0	0	0	407	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	2,483	0	0	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Sources, notes, Comments, etc.																		
No consistent Data available. Time series reconstitution as Best Estimates (BE) made through 2 steps : (i) Use an average Per Capita consumption and the related growth recorded for three neighbouring countries (Cameroon, Congo and Equatorial Guinea); (ii) Multiply the calculated Per Capita by the population as to fill in the gaps.																				
31	Rwanda	Best estim	1980 2,953	1981 3,047	1982 3,139	1983 3,233	1984 3,340	1985 3,461	1986 3,611	1987 3,781	1988 3,931	1989 4,140	1990 4,359	1991 4,590	1992 4,538	1993 4,421	1994 4,386	1995 4,566	1996 5,056	1997 0
		FAO	4,520	4,687	4,860	5,052	5,402	5,602	5,602	5,602	5,602	6,368	5,353	5,392	5,392	5,392	5,392	5,392	5,392	0
		IEA																0	0	0
		ESMAP	0	0	0	0	0	0	0	3,052	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	3,931	0	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	4,590 IAE27 IAE51	0	7,606	0	0	0	0
		Sources, notes, Comments, etc.																		
Reference Data recorded as Best Estimates (BE) for years 1989 and 1991. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
NB : Per Capita Consumption growth before 1988 was simulated using the Per Capita Consumption recorded in 1988. The Per Capita Consumption growth beyond 1991 was simulated using the average Per Capita Consumption growth recorded within 1988 and 1991.																				

Country/	Source	Historical Data for Fuelwood (1000 CUM)																		
		1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
32 Sao Tome and Principe	Best estim	106	109	111	115	116	119	123	125	127	130	134	137	139	143	147	150	164	0	
	FAO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0	
	IEA																0	0	0	
	ESMAP	0	0	0	0	117	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0	
	Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Sources, notes, Comments, etc.																			
Reference Data recorded as Best Estimates (BE) for years 1984. Time series reconstitution made through 3 steps : i/ Calculate the Per Capita Consumption of this reference year, (ii) Use the same Per Capita consumption growth as recorded for Congo Rep.; (iii) Multiply the calculated Per Capita by the population as to fill in the gaps.																				
33 Uganda	Best estim	14,891	16,083	17,369	18,758	20,258	21,879	22,690	23,548	24,453	25,417	26,439	27,526	28,681	27,329	26,212	25,179	24,352	23,724	
	FAO	8,577	8,807	9,025	9,233	9,440	9,651	9,865	10,080	10,320	10,580	10,890	11,240	11,640	12,060	12,470	12,870	14,360	0	
	IEA																0	0	0	
	ESMAP	14,891	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0	
	Other data	16,927	0	23,563	0	0	18,299	18,788	0	19,812	0	20,901	0	22,059	0	18,229	0	0	23,724	
BE : 1 T charcoal = 6.6 T wood. Other Data : 1 T charcoal = 6.6 T wood	Sources, notes, Comments, etc.	FAOL15		FAOL19			IAE24	IAE24		IAE24		IAE24		IAE24		IAE19			IAE19	
Reference Data recorded as Best Estimates (BE) for years 1980-85-86-88-92 and 1997. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
34 Angola	Best estim	4,403	4,477	4,553	4,632	4,714	4,800	4,890	4,983	5,082	5,185	5,301	5,399	5,502	5,611	5,724	5,844	5,971	0	
	FAO	3,206	3,291	3,296	3,382	3,472	3,600	3,699	3,802	3,910	4,025	4,146	4,273	4,408	4,549	4,697	4,853	5,144	0	
	IEA																4,315	4,722	0	
	ESMAP	0	0	0	0	0	0	0	3,393	0	0	0	0	0	0	0	0	0	0	
	ENDA/IEPE						0	0	0	0	4,828	0	0	0	0	0	0	0	0	
	Other data	4,403	0	0	0	0	0	0	0	0	0	2,310	0	0	979	0	0	0	0	
IEA : 1 T charcoal = 7.55 T wood	Sources, notes, Comments, etc.	IAE11													IAE49					
Reference Data recorded as Best Estimates (BE) for years 1980 and 1989. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
35 Botswana	Best estim	1,203	1,242	1,281	1,322	1,364	1,407	1,452	1,498	1,545	1,594	1,644	1,696	1,750	1,805	1,848	1,890	1,934	0	
	FAO	906	938	971	1,005	1,040	1,076	1,114	1,153	1,194	1,234	1,272	1,310	1,346	1,381	1,416	1,450	1,531	0	
	IEA																0	0	0	
	ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0	
	Other data	1,163	0	0	639	658	0	0	0	0	0	1,921	0	0	1,805	0	0	0	0	
	Sources, notes, Comments, etc.	IEA11			FAOL20	FAOL20						IAE46			IAE49					
Reference Data recorded as Best Estimates (BE) for years 1980-93 and 1987. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
36 Malawi	Best estim	14,913	14,011	13,179	12,421	11,743	11,149	10,959	10,871	10,867	10,934	11,062	11,091	11,109	11,120	11,134	11,154	11,183	0	
	FAO	5,493	5,648	5,795	5,958	6,164	6,434	6,785	7,200	7,629	8,006	8,282	8,438	8,494	8,496	8,510	8,587	10,093	0	
	IEA																0	0	0	
	ESMAP	14,364	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0	
	Other data	11,766	0	0	0	0	11,149	0	0	0	0	10,314	0	0	0	0	0	9,461	0	
	Sources, notes, Comments, etc.						FAOL20													
Reference Data recorded as Best Estimates (BE) for years 1980-85-90 and 1996. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
37 Mozambique	Best estim	15,234	15,551	15,866	16,151	16,371	16,509	16,542	16,498	16,450	16,506	16,735	17,266	17,814	18,379	18,961	19,563	19,988	0	
	FAO	11,880	12,200	12,900	13,300	13,500	13,700	14,055	14,422	14,422	14,641	14,825	15,079	15,398	15,782	16,226	16,724	16,724	0	
	IEA																19,563	19,987	0	
	ESMAP	0	10,117	0	0	11,233	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ENDA/IEPE						0	0	0	0	14,897	0	0	0	0	0	0	0	0	
	Other data	23,888	0	0	0	9,823	0	0	0	0	0	16,735	0	0	0	0	0	0	0	
IEA : 1 T charcoal = 8.9 T wood	Sources, notes, Comments, etc.	IAE12				IAE26						IAE46								
	Other data :											5,756 kcum (IAE68)								
Reference Data recorded as Best Estimates (BE) for years 1980-95 and 1996. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
NB : Per Capita Consumption growth before 1990 was simulated using the average Per Capita Consumption growth recorded within 1990 and 1996.																				

Country/		Source	Historical Data for Fuelwood (1000 CUM)																	
			1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
38	Namibia	Best estim	1,341	1,371	1,402	1,432	1,465	1,499	1,533	1,567	1,604	1,644	1,684	1,730	1,771	1,811	1,847	1,887	1,933	0
		FAO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		IEA																	0	0
		ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	1,684	0	0	0	0	0	0	0
		Sources, notes, Comments, etc.											IAE46							
Reference Data recorded as Best Estimates (BE) for years 1990. Time series reconstitution as Best Estimates (BE) made through 3 steps : i/ Calculate the Per Capita Consumption of this reference year, (ii) Use an average Per Capita consumption and the related growth recorded for two neighbouring countries (Mozambique and Botswana); (iii) Multiply the calculated Per Capita by the population as to fill in the gaps.																				
39	Saint Helena	Best estim	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		FAO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		IEA																0	0	0
		ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Sources, notes, Comments, etc.																		
No data available																				
40	Tanzania, United Rep.	Best estim	28,557	31,008	39,204	38,245	37,335	36,474	35,662	34,899	34,187	33,524	32,913	34,005	35,166	36,403	37,723	39,339	43,629	0
		FAO	21,290	21,970	22,680	23,420	24,170	24,950	25,730	26,594	27,417	28,297	29,280	30,290	31,360	32,440	33,490	34,470	35,050	0
		IEA																39,340	43,629	
		ESMAP	0	32,252	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE																0	0	0
		Other data	31,647	31,008	36,892	0	0	0	38,950	0	0	0	36,063	0	0	0	0	0	0	0
	IEA : 1 T charcoal = 9 T wood	1970 : 29,660 kcum (IAE38) Average : IAE12-FAOL14-IAE21-FAOL15-FAOL20			FAOL19				IAE22				Average : IAE46 & OD22							
Reference Data recorded as Best Estimates (BE) for years 1981-82-90-95 and 1996. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
41	Zambia	Best estim	7,098	7,993	7,929	7,970	8,066	8,193	8,249	8,317	8,406	8,527	8,701	8,734	8,768	8,804	8,842	8,882	9,831	0
		FAO	4,510	4,645	4,785	4,935	5,095	5,275	5,440	5,610	5,775	6,192	6,398	6,604	6,809	7,015	7,219	7,219	7,219	0
		IEA																8,579	9,537	
		ESMAP	0	6,699	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
		Other data	6,652	0	0	0	0	6,752	0	0	8,210	0	10,448	0	0	0	0	0	0	0
	IEA : 1 T charcoal = 8.9 T wood	Sources, notes, Comments, etc.	IAE12					FAOL18			IAE39		IAE33							
Reference Data recorded as Best Estimates (BE) for years 1980-81-85-95 and 1996. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
42	Zimbabwe	Best estim	9,807	10,499	11,314	11,208	11,106	11,011	10,925	10,850	10,789	10,749	10,735	11,203	11,696	12,214	14,072	12,553	13,462	0
		FAO	5,148	5,490	5,662	5,548	5,728	5,870	5,983	6,135	6,260	6,260	6,260	6,260	6,253	6,260	6,260	6,260	6,260	0
		IEA																12,553	13,461	
		ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
		Other data	9,786	0	11,314	0	0	0	0	0	0	0	10,735	0	0	11,859	12,807		0	0
		Sources, notes, Comments, etc.	IAE12		IAE13								IAE46				FAOL16-IAE49			
Reference Data recorded as Best Estimates (BE) for years 1980-82-90-93-94-95 and 1996. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
43	Comoros	Best estim	177	183	189	195	201	207	213	220	227	234	242	249	257	266	274	283	291	0
		FAO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		IEA																0	0	0
		ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						207	0	0	0	0	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Sources, notes, Comments, etc.																		
Reference Data recorded as Best Estimates (BE) for years 1985. Time series reconstitution made through 3 steps : i/ Calculate the Per Capita Consumption of this reference year, (ii) Use a uniform Per Capita consumption for the other years; (iii) Multiply the calculated Per Capita by the population as to fill in the gaps.																				

	Country/	Source	Historical Data for Fuelwood (1000 CUM)																	
			1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
44	Madagascar	Best estim	4,593	4,810	5,038	5,277	5,536	5,808	6,093	6,392	6,705	7,034	7,379	7,736	8,109	8,497	8,900	9,321	9,760	0
		FAO	5,509	5,687	5,873	6,065	6,267	6,479	6,701	6,934	7,175	7,423	7,677	7,936	8,200	8,471	8,748	9,032	9,252	0
		IEA																0	0	0
		ESMAP	0	0	0	5,277	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	7,034	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Sources, notes, Comments, etc.																		
Reference Data recorded as Best Estimates (BE) for years 1983 and 1989. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
45	Mauritius	Best estim	29	29	29	30	30	30	31	31	31	31	32	32	32	33	33	33.3	34	0
		FAO	24	24	24	22	12	12	17	21	21	17	16	3	3	11	8	6	7	0
		IEA																0	0	0
		ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	69	0	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33.3	0	0
		Sources, notes, Comments, etc.																IAE18		
Reference Data recorded as Best Estimates (BE) for years 1995. Time series reconstitution made through 3 steps : i/ Calculate the Per Capita Consumption of this reference year, (ii) Use a uniform Per Capita consumption for the other years; (iii) Multiply the calculated Per Capita by the population as to fill in the gaps.																				
46	Reunion	Best estim	48	42	37	33	29	26	23	20	18	16	15	13	12	11	10	9	9	0
		FAO	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	0
		IEA																0	0	0
		ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Sources, notes, Comments, etc.																		
No Data available																				
47	Seychelles	Best estim	11	10	8	7	6	5	5	4	3	3	3	2	2	2	1	1	1	0
		FAO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		IEA																0	0	0
		ESMAP	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	7	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
		Sources, notes, Comments, etc.									IAE47									
Reference Data recorded as Best Estimates (BE) for years 1982 and 1988. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
48	Algeria	Best estim	916	988	1,065	1,149	1,239	1,336	1,441	1,554	1,676	1,721	1,768	1,816	1,866	1,916	1,969	2,022	2,086	0
		FAO	1,427	1,474	1,521	1,570	1,619	1,667	1,714	1,760	1,806	1,852	1,899	1,946	1,994	2,041	2,091	2,141	2,176	0
		IEA																2,023	2,086	0
		ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Sources, notes, Comments, etc.																		
Reference Data recorded as Best Estimates (BE) for years 1975-88-95 and 1996. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
49	Egypt	Best estim	316	360	409	464	528	600	682	775	881	1,001	1,137	1,293	1,469	1,670	1,898	2,157	2,451	0
		FAO	1,790	1,835	1,882	1,932	1,982	2,034	2,088	2,142	2,197	2,256	2,306	2,353	2,405	2,449	2,496	2,542	2,625	0
		IEA																0	2,452	0
		ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Sources, notes, Comments, etc.																		
Reference Data recorded as Best Estimates (BE) for years 1975 and 1996. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
50	Libyan Arab Jamahiriya	Best estim	296	309	324	338	353	368	383	397	412	426	442	458	474	491	508	526	544	0
		FAO	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	536	0
		IEA																526	526	0
		ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Sources, notes, Comments, etc.																		
Reference Data recorded as Best Estimates (BE) for years 1995. Time series reconstitution made through 3 steps : i/ Calculate the Per Capita Consumption of this reference years, (ii) Use a uniform Per Capita consumption for the other years; (iii) Multiply the calculated Per Capita by the population as to fill in the gaps.																				

Country/		Source	Historical Data for Fuelwood (1000 CUM)																	
			1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
51	Morocco	Best estim	10,819	10,863	10,897	10,931	10,965	10,999	11,032	11,066	11,099	11,132	11,165	11,197	11,038	10,882	10,728	10,696	10,661	0
		FAO	859	856	884	913	922	934	950	967	1,045	1,061	1,060	1,058	1,102	1,096	1,136	1,145	1,181	0
		IEA																1,438	1,421	
		ESMAP	0	19,786	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	6,601	0	0	0	0	0	0	0	0
		Other data	0	9,614	0	0	0	10,701	0	0	0	0	9,614	11,197	0	0	10,728	0	0	0
		Sources, notes, Comments, etc.	FAOL20 OD29 OD30 OD9 OD10																	
Reference Data recorded as Best Estimates (BE) for years 1981-91 and 1994. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
NB : Per Capita Consumption growth beyond 1994 was simulated using the average Per Capita Consumption growth recorded within 1981 and 1994.																				
52	Tunisia	Best estim	2,116	1,992	1,884	1,789	1,705	1,741	1,785	1,836	1,894	1,958	2,026	2,100	2,178	2,261	2,348	2,440	2,535	2,635
		FAO	1,792	1,840	1,890	1,940	1,990	2,037	2,085	2,132	2,177	2,223	2,268	2,313	2,358	2,406	2,452	2,498	2,517	0
		IEA																3,175	2,960	
		ESMAP	0	0	0	0	0	0	0	64	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE							0	0	0	0	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	1,575	0	0	64	0	0	0	0	0	0	0	0	0	2,635
	IEA : 1 T charcoal = 5.6 T wood	1973 : 1,608 kt (OD1)	OD3 OD4																	
Reference Data recorded as Best Estimates (BE) for years 1973-84 and 1997. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
53	Lesotho	Best estim	985	1,013	1,041	1,070	1,099	1,130	1,161	1,193	1,226	1,260	1,295	1,330	1,366	1,402	1,440	1,478	1,517	0
		FAO	472	486	539	556	559	573	588	603	618	634	649	634	649	666	684	701	728	0
		IEA																0	0	0
		ESMAP	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE							0	0	0	0	0	0	0	0	0	0	0	0
		Other data	969	0	0	0	0	0	0	0	0	0	1,295	0	0	707	0	0	0	0
	Sources, notes, Comments, etc.	IAE11	IAE46 IAE49																	
Reference Data recorded as Best Estimates (BE) for years 1980 and 1990. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
54	South Africa	Best estim	25,180	25,713	26,257	26,805	27,355	27,900	28,404	28,969	29,556	30,086	30,648	31,200	31,745	32,321	27,132	22,775	19,118	16,048
		FAO	7,795	7,795	7,804	7,858	7,738	7,699	7,699	7,699	7,699	9,143	9,168	9,157	9,352	9,368	8,527	9,109	9,074	0
		IEA																0	25,908	0
		ESMAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE							0	0	0	0	0	0	0	0	0	0	0	0
		Other data	0	0	0	0	0	0	0	0	0	0	0	0	0	32,321	0	0	0	16,048
	BE : 1 T charcoal = 11.4 T wood, IEA : 1 T charcoal = 11.6 T wood, Other Data : 1 T charcoal = 11.4 T wood	Sources, notes, Comments, etc.	IAE57 IAE23																	
Reference Data recorded as Best Estimates (BE) for years 1993 and 1997. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
NB : Per Capita Consumption growth before 1993 was simulated using the same Per Capita Consumption growth as recorded for Swaziland.																				
55	Swaziland	Best estim	588	603	619	635	650	666	682	698	714	731	748	765	783	801	822	841	861	0
		FAO	897	916	916	957	964	955	969	969	964	919	912	964	975	1,014	1,014	1,014	1,014	0
		IEA																0	0	0
		ESMAP	0	0	0	0	0	635	0	0	0	0	0	0	0	0	0	0	0	0
		ENDA/IEPE						0	0	0	0	0	0	0	0	0	0	0	0	0
		Other data	846	0	0	0	0	0	0	0	0	0	1,726	0	0	801	0	0	0	0
	Sources, notes, Comments, etc.	IAE12	IAE49																	
Reference Data recorded as Best Estimates (BE) for years 1985 and 1993. Time series reconstitution made through 4 steps : i/ Calculate the Per Capita Consumption of these reference years, (ii) Calculate Per Capita consumption of the intermediate years using a composed serie equation;(iii) Multiply the calculated Per Capita by the population as to fill in the gaps; (iv) Use the same approach for the years that are out of the reference scope unless otherwise specified																				
56	Oth. Africa	Best estim	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
		FAO																		
		IEA																110,109	105,946	
		ESMAP																		
		ENDA/IEPE																		
		Other data																		
	Sources, notes, Comments, etc.																			

Country/	Source	Historical Data for Fuelwood (1000 CUM)																	
		1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
TOTAL AFRICA	Best estim	435,478	444,761	465,469	455,644	457,913	458,081	459,725	464,578	469,082	475,296	480,351	487,948	496,453	503,591	507,001	510,515	541,728	42,408
	FAO	290,604	298,903	308,019	317,439	326,377	335,334	345,042	354,608	364,061	376,205	385,210	393,788	409,131	424,086	437,093	448,861	461,584	0
	IEA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471,438	527,817	0
	ESMAP	29,255	89,471	22,272	40,149	17,869	9,425	2,977	16,076	3,663	0	98,483	0	0	0	0	0	0	0
	ENDA/IEPE						248	0	8,268	10,842	75,650	22,869	1,931	2,388	0	2,443	0	0	0
	Other data	254,537	44,065	187,205	22,851	39,159	77,702	79,912	39,250	51,560	60,526	343,885	17,863	83,134	62,342	58,767	12,076	9,461	42,408
	Sources, notes, Comments, etc.																		
Best Estimates :		1 CUM wood = 0.725 T wood, and 1 T charcoal = 6 T wood unless otherwise indicated in these tables or in the corresponding database																	
FAO :		1 CUM wood = 0.725 T wood, and 1 T charcoal = 6 CUM																	
IEA :		Original data provided in toe terms. Conversion were made using the following factors :																	
		1 CUM wood = 0.725 T wood																	
	* Fuelwood :	1 T = 0.328 toe, 1 PJ = 41.868 / 10 ⁶ toe																	
	* Charcoal :	1 T = 0.733 toe, 1 PJ = 41.868 / 10 ⁶ toe.; Conversion efficiency from wood to charcoal is indicated in the notes mentioned under each country data and in the corresponding database.																	
		Other Africa : 1 T charcoal = 8.9 T wood																	
ESMAP :		1 CUM wood = 0.725 T wood, and 1 T charcoal = 6 T wood unless otherwise indicated in these tables or in the corresponding database																	
ENDA :		1 CUM wood = 0.725 T wood, and 1 T charcoal = 6 T wood unless otherwise indicated in these tables or in the corresponding database																	
Other various sources of data :		1 CUM wood = 0.725 T wood, and 1 T charcoal = 6 T wood unless otherwise indicated in these tables or in the corresponding database																	