1996 Coal Combustion Product (CCP) - Production and Use (Short Tons)

American Coal Ash Association (ACAA)

Total CCPs - Category I (Dry) & II (Ponded)	Fly Ash	Bottom Ash	Boiler Slag	FGD Material
A. CCP Production	59,355,009	16,060,762	2,568,349	23,854,328
Subtotal -- Fly Ash, Bottom Ash, and Boiler Slag			77,984,120	
Total All CCPs				101,838,447
B. CCP Use				
a. Cement/Concrete/Grout	8,024,155	765,582	0	70,413
b. Flowable Fill	312,894	40,024	0	14,661
c. Structural Fills	2,174,899	671,200	43,772	50,884
d. Road Base/Subbase	743,644	723,034	4,272	119,577
e. Mineral Filler	161,134	32,591	53,926	0
f. Snow and Ice Control	0	668,927	111,318	0
g. Blasting Grit/Roofing Granules	0	168,402	2,174,048	0
h. Mining Applications	754,611	61,273	0	27,622
i. Wallboard	12,555	0	0	874,509
j. Waste Stabilization/Solidification	1,932,710	254,157	0	54,819
k. Agriculture	16,350	6,914	0	3,825
l. Miscellaneous/Other	2,101,536	1,476,148	8,733	439,823
Total Use	16,234,488	4,868,253	2,396,070	1,656,132
Subtotal -- Fly Ash, Bottom Ash, and Boiler Slag			23,498,811	
Total All CCPs				25,154,943
C. Individual Use Percentage	27.4%	30.3%	93.3%	6.9%
D. Cumulative Use Percentage	27.4%	28.0%	30.1%	24.7%

For metric equivalents, multiply tabular values by 0.9078

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