

Table JJ-5 to Subpart JJ of Part 98—Methane Conversion Factors

Manure Management System Component	MCFs by Average Annual Ambient Temperature (degrees C)																			
	Cool					Temperate										Warm				
	<10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	>28	
Uncovered Anaerobic Lagoon	66%	68%	70%	71%	73%	74%	75%	76%	77%	77%	78%	78%	78%	79%	79%	79%	80%	80%	80%	
Liquid/slurry (with crust cover)	10%	11%	13%	14%	15%	17%	18%	20%	22%	24%	26%	29%	31%	34%	37%	41%	44%	48%	50%	
Liquid/slurry (w/o crust cover)	17%	19%	20%	22%	25%	27%	29%	32%	35%	39%	42%	46%	50%	55%	60%	65%	71%	78%	80%	
Storage pits <1 month	3.0%					3.0%										30.0%				
Storage pits >1 month	17%	19%	20%	22%	25%	27%	29%	32%	35%	39%	42%	46%	50%	55%	60%	65%	71%	78%	80%	
Solid manure storage	2.0%					4.0%										5.0%				
Dry lots (including feedlots)	1.0%					1.5%										2.0%				
High-rise houses for poultry production (without litter)	1.5%					1.5%										1.5%				
Poultry production with litter	1.5%					1.5%										1.5%				
Deep bedding systems for cattle and swine (<1 month)	3.0%					3.0%										30.0%				
Deep bedding systems for cattle and swine (>1 month)	17%	19%	20%	22%	25%	27%	29%	32%	35%	39%	42%	46%	50%	55%	60%	65%	71%	78%	80%	
Manure Composting - In Vessel	0.5%					0.5%										0.5%				
Manure Composting - Static Pile	0.5%					0.5%										0.5%				
Manure Composting- Extensive/ Passive/	0.5%					1.0%										1.5%				
Manure Composting- Intensive	0.5%					1.0%										1.5%				
Aerobic Treatment	0.0%					0.0%										0.0%				