

Estimated Number of Birds Taken to Emit 100 lb NH₃/day

	Emission Rate g NH ₃ /bird-day	# birds to emit 100 lb NH ₃ /day
Broilers		
Mean of broiler houses	1.3	34,923
Hi of heavy broiler (roaster) houses	2.5	18,160
Laying Hens		
Mean of high-rise houses	0.9	50,444
Hi of high-rise houses	1.5	30,267
Mean of belt houses-1d removal	0.054	840,741
Hi of belt houses-1d removal	0.132	343,939
Mean of belt houses -3-4d removal	0.094	482,979
Hi of belt houses -3-4d removal	0.28	162,143

Developed by Hongwei Xin, ISU (515-294-4240; hxin@iastate.edu).
Based on field measured values over one-year period involving six
high-rise layers houses and four manure-belt layer houses in Iowa and
Pennsylvania; and twelve broiler houses in Kentucky and Pennsylvania.
Emissions for belt houses do not include that from manure storage.
The research results are being reviewed for publication in refereed
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