

**3.1 - Estimated swine operations with total confinement farrowing facilities, percent of operations by type of waste management system used in farrowing:**

System	1990	1995
None	0.1	5.1
Pit-Holding	29.2	41.1
Mechanical Scraper/Tractor	12.1	10.1
Hand Cleaned	41.6	28.3
Flush-Under Slats	16.5	9.7
Flush-Open Gutter	7.0	3.2
Other	7.9	2.5

**3.3 - Estimated percent of beef feedlots using the following method of waste disposal:**

Method	Small (<1000 head)	Large (1000+ head)	Total
On Own Land	99.5	88.0	99.0
Sold	0.0	9.3	0.5
Given Away	0.1	23.0	1.2
Pay Someone to Take It	0.0	6.6	0.3
Other	0.8	4.1	0.9

**3.5 - Estimated percent of beef feedlots testing environmental quality in the following ways:**

Test	Small (<1000 head)	Large (1000+ head)	Total
Ground Water	10.5	44.9	12.1
Nutrient Content of Manure	7.7	38.0	9.1
Of Producers Disposing of Manure on Thier Own Land, Percent Testing Nutrient Content of Soil	48.6	69.1	49.4
Of Producers Testing Soil, Percent Testing to Determine Manure Application Rate	32.5	62.4	34.2

**3.2 - Estimated percent of farrowing operations that used any of the following waste-storage systems by size of operation (number marketed for slaughter):**

System	All Operations	Less Than 2000 Head	2000-9999 Head	10000 or More Head
Below Floor Slurry or Deep Pit	49.9	43.6	70.4	47.9
Above Ground Slurry Storage	5.6	4.1	10.3	8.3
Below Ground Slurry Storage	19.4	17.3	25.6	26.8
Anaerobic Lagoon With Cover	1.8	2.2	0.5	2.0
Anaerobic Lagoon Without Cover	20.9	17.4	29.2	81.8
Aerated Lagoon	2.6	1.3	6.9	1.0
Oxidation Ditch	2.2	2.9	0.1	0.0
Solids Separated from Liquids	4.6	4.1	5.9	4.7
Other	0.4	0.6	0.0	1.1

**3.4 - Estimated percent of beef feedlots that instituted or changed programs in the past 5 years due to public concern about environmental quality in the following ways:**

Action	Small (<1000 head)	Large (1000+ head)	Total
Instituted a Ground Water Monitoring Program	10.1	38.4	11.4
Instituted a Surface Water Monitoring Program	8.8	42.1	10.3
Instituted an Air Quality Monitoring Program	0.9	14.3	1.6
Changed the Manure Management Program	20.1	69.6	22.5
Chnaged the Dust Control Program	3.9	39.8	5.6
Developed a Training Program on Environmental Concerns	4.8	35.2	6.2

Source: National Animal Health Monitoring System, pts I-III.

Note: Estimated standard errors reported by NAHMS are not included in these tables.