

**Table 3. Antimicrobial Resistance among *E.coli* Isolates from Chickens by Year, 2000-2005**

Year		2000	2001	2002	2003	2004	2005
Number of Isolates Tested		285	1989	2100	1365	1697	2232
Antimicrobial Class	Antimicrobial (Resistance Breakpoint)						
Aminoglycosides	Amikacin	0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.0% 0
	Gentamicin	40.0% 114	33.4% 664	38.0% 799	38.8% 530	39.1% 663	36.7% 819
	Kanamycin	16.1% 46	14.5% 288	11.6% 243	10.3% 140	11.5% 196	10.3% 231
	Streptomycin	77.5% 221	65.8% 1308	65.1% 1368	64.2% 877	64.1% 1088	58.0% 1295
Aminopenicillins	Ampicillin	20.0% 57	19.5% 388	19.0% 399	18.6% 254	17.6% 298	22.0% 492
$\beta$ -Lactam/ $\beta$ -Lactamase Inhibitor Combinations	Amoxicillin-Clavulanic Acid	8.1% 23	10.0% 199	10.9% 229	11.1% 151	8.8% 149	10.6% 236
Cephalosporins	Ceftiofur	6.3% 18	4.4% 88	5.5% 115	7.1% 97	4.9% 83	6.5% 145
	Ceftriaxone	0.0% 0	0.0% 0	0.0% 1	0.0% 0	0.1% 1	0.0% 1
Cephalosporins	Cephalothin	17.9% 51	12.9% 256	15.1% 317	16.6% 226		
Cephameycins	Cefoxitin	7.4% 21	8.7% 173	8.5% 178	8.3% 113	8.2% 139	9.9% 221
Folate Pathway Inhibitors	Sulfonamides	57.9% 165	58.2% 1157	46.1% 969	43.9% 599	53.2% 903	51.9% 1159
	Trimethoprim-Sulfamethoxazole	17.2% 49	12.6% 251	10.4% 218	10.5% 144	10.7% 181	10.4% 232
Phenicols	Chloramphenicol	4.6% 13	2.4% 47	1.8% 38	1.3% 18	1.0% 17	1.0% 22
Quinolones	Ciprofloxacin	0.0% 0	0.2% 3	0.0% 1	0.1% 1	0.2% 3	0.4% 8
	Nalidixic Acid	10.2% 29	8.4% 168	6.8% 142	6.2% 84	6.8% 115	7.5% 168
Tetracyclines	Tetracycline	68.4% 195	61.6% 1226	58.6% 1231	52.2% 713	50.3% 853	48.9% 1092