

Percent Resistance in *E. coli*
NARMS - Animal Arm - Isolates From Chickens

Antimicrobial	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
	n=285	n=1989	n=2100	n=1365	n=1697	n=2232	n=1357	n=1510	n=986	n=877	n=941	n=614
Amikacin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Not Tested
Amoxicillin/Clavulanic Acid	8.1	10.0	10.9	11.1	8.8	10.6	16.0	11.2	13.7	12.4	12.4	9.4
Ampicillin	20.0	19.5	19.0	18.6	17.6	22.0	25.6	18.7	23.5	19.8	22.2	16.0
Apramycin	1.4	1.8	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
Azithromycin	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	0.2
Cefoxitin	7.4	8.7	8.5	8.3	8.2	9.9	15.0	10.3	13.8	11.4	12.5	9.1
Ceftiofur	6.3	4.4	5.5	7.1	4.9	6.5	10.2	7.0	10.4	9.5	10.0	6.8
Ceftriaxone	6.3	7.6	8.6	9.4	7.2	9.0	14.7	10.3	13.5	11.5	12.3	9.3
Cephalothin	17.9	12.9	15.1	16.6	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
Chloramphenicol	4.6	2.4	1.8	1.3	1.0	1.0	1.9	2.3	0.0	1.1	0.7	2.1
Ciprofloxacin	0.0	0.2	0.0	0.1	0.2	0.4	0.0	0.1	0.6	0.5	0.2	0.3
Gentamicin	40.0	33.4	38.0	38.8	39.1	36.7	33.1	38.0	44.5	43.3	43.0	49.0
Kanamycin	16.1	14.5	11.6	10.3	11.5	10.3	9.1	7.7	10.2	7.9	6.4	5.7
Nalidixic Acid	10.2	8.4	6.8	6.2	6.8	7.5	5.4	4.2	6.0	3.2	3.4	2.3
Streptomycin	77.5	65.8	65.1	64.2	64.1	58.0	49.5	47.0	54.6	49.8	49.1	50.8
Sulfonamides	57.9	58.2	46.1	43.9	53.2	51.9	48.6	53.2	52.7	52.6	51.8	54.7
Tetracycline	68.4	61.6	58.6	52.2	50.3	48.9	49.0	40.2	47.4	49.1	42.9	46.6
Trimethoprim/ Sulfamethoxazole	17.2	12.6	10.4	10.5	10.7	10.4	8.4	7.9	9.1	7.0	6.4	4.2