

National Antimicrobial Resistance Monitoring System Animal Isolates

Table 1. Percent Resistance in *Salmonella* Isolates from Diagnostic^a Turkey

Antimicrobial	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Amikacin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amoxicillin/Clavulanic Acid	10.2	9.3	16.2	20.7	16.6	14.5	8.8	9.2	7.1	66.7
Ampicillin	36.7	23.5	41.9	37.4	29.9	34.0	30.8	26.9	38.9	100.0
Apramycin	6.1	1.8	0.0	0.6	2.2	Not Tested				
Cefoxitin	Not Tested	Not Tested	Not Tested	21.3	13.0	11.9	7.7	7.7	6.2	66.7
Ceftiofur	8.2	8.0	21.9	20.1	13.0	11.9	8.8	8.5	5.3	66.7
Ceftriaxone ^b	8.2	8.0	15.2	20.1	13.0	12.6	8.8	8.6	5.3	66.7
Cephalothin	12.2	14.6	24.8	29.9	21.3	23.9	20.9	Not Tested	Not Tested	Not Tested
Chloramphenicol	14.3	2.2	15.2	10.9	10.1	13.2	11.0	11.5	5.3	33.3
Ciprofloxacin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gentamicin	42.9	50.4	31.4	48.9	41.5	39.6	46.2	50.8	45.1	100.0
Imipenem	Not Tested	Not Tested	Not Tested	Not Tested	0.0	Not Tested				
Kanamycin	34.7	44.7	35.2	51.7	46.2	37.1	35.2	36.9	31.0	33.3
Nalidixic Acid	18.4	9.3	17.1	19.0	14.1	7.5	8.8	4.6	0.9	0.0
Streptomycin	46.9	70.8	59.0	65.5	56.0	49.1	50.5	55.4	48.7	66.7
Sulfamethoxazole (Sulfizoxazole)	59.2	57.5	58.1	46.0	44.8	34.0	30.8	44.6	40.7	66.7
Tetracycline	69.4	61.5	55.2	68.4	65.7	51.6	54.9	36.9	45.1	66.7
Ticarcillin	32.7	22.6	Not Tested							
Trimethoprim/ Sulfamethoxazole	0.0	4.9	7.6	1.7	2.2	3.8	0.0	1.5	2.7	0.0

^a Isolates obtained from the National Veterinary Service Laboratories (the majority of isolates were from primary or secondary infections) and from participating Sentinel Site Diagnostic Laboratories.

^b In this table, the revised ceftriaxone breakpoints from the CLSI M100-S20 document, published in January 2010, were used for interpretation. In previous reports the ceftriaxone breakpoints from the CLSI M100-S19 were used.

Table 2. Number of *Salmonella* Isolates Tested from Diagnostic Turkey

Number tested	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Turkey	49	226	105	174	277	159	91	130	113	3