Table 12a. Antimicrobial Resistance among *Salmonella* Enteritidis Isolates from Food Animals, by Year, 1997-2005

Year			1997	1998	1999	2000	2001	2002	2003	2004	2005
Number of Isolates Tested Chickens		1	13	41	31	21	48	42	84	173	
		Turkeys	0	0	1	1	0	0	0	0	0
		Cattle	1	1	8	4	4	6	3	2	2
		Swine	0	0	2	1	1	1	1	1	0
	Antimicrobial	Isolate									
Antimicrobial Class		Source									
Aminoglycosides	Amikacin	Objetere	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
		Chickens	0	0	0	0	0	0	0	0	0
		Turkeys			0.0%	0.0%					
		Turkeys			0	0					
		Cattle	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
		Cattle	0	0	0	0	0	0	0	0	0
		Swine			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
		G			0	0	0	0	0	0	
	Gentamicin	Chickens	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	0.0%
		Cincitorio	0	0	0	0	0	0	0	1	0
		Turkeys			0.0%	0.0%					
					0	0					
		Cattle	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
			0	0	0	0	0	0	0	0	0
		Swine			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
			2.22/	2.22/	0	0	0	0	0	0	2 22/
	Kanamycin	Chickens	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	0.0%	0.0%	0.0%
			0	0	0	0	0	1	0	0	0
		Turkeys			0.0%	0.0%					
			0.00/	0.00/	0	0.0%	0.00/	0.00/	0.00/	0.00/	0.00/
		Cattle	0.0%	0.0%	12.5%		0.0%	0.0%	0.0%	0.0%	0.0%
			0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0
		Swine			0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
	Streptomycin		0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	0.0%	1.2%	0.6%
	Otroptomyon	Chickens	0.070	0.070	0.070	0.070	0.070	1	0.070	1.270	1
					0.0%	0.0%	U		U		
		Turkeys			0.070	0.070					
			0.0%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
		Cattle	0	0	1	0	0	0	0	0	0
		Outin -			0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
		Swine			0	0	1	0	0	0	
Aminopenicillins	Ampicillin	Chickens	100.0%	30.8%	12.2%	9.7%	0.0%	4.2%	0.0%	1.2%	1.2%
		Chickens	1	4	5	3	0	2	0	1	2
		Turkeys			0.0%	0.0%					
		Turkeys			0	0					
		Cattle	0.0%	100.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
		Cattle	0	1	1	0	0	0	0	0	0
		Swine			0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
		JWIIIE			0	0	1	0	0	0	

Table 12b. Antimicrobial Resistance among *Salmonella* Enteritidis Isolates from Food Animals, by Year, 1997-2005

Year			1997	1998	1999	2000	2001	2002	2003	2004	2005
Number of Isolates Tested Chickens Turkeys		1	13	41	31	21	48	42	84	173	
			0	0	1	1	0	0	0	0	0
		Cattle	1	1	8	4	4	6	3	2	2
	1	Swine	0	0	2	1	1	1	1	1	0
Antimicrobial Class	Antimicrobial	Isolate Source									
β-Lactam/β-Lactamase	Amoxicillin-		0.0%	0.0%	2.4%	3.2%	0.0%	4.2%	0.0%	1.2%	0.6%
Inhibitor Combinations	Clavulanic Acid	Chickens	0	0	1	1	0	2	0	1	1
		Turkeys			0.0% 0	0.0%					
		Cattle	0.0%	0.0% 0	0.0%	0.0%	0.0%	0.0% 0	0.0% 0	0.0% 0	0.0%
		Swine			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Cephalosporins	Ceftiofur	Chickens	0.0%	0.0% 0	4.9% 2	3.2% 1	0.0%	4.2% 2	0.0%	1.2% 1	1.2% 2
		Turkeys			0.0% 0	0.0%					
		Cattle	0.0%	0.0% 0	0.0% 0	0.0%	0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.0%
		Swine			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Ceftriaxone	Chickens	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	0.0%	0.0%	0.0% 0
		Turkeys			0.0% 0	0.0%					
		Cattle	0.0%	0.0% 0	0.0% 0	0.0%	0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.0%
		Swine			0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.0% 0	
	Cephalothin	Chickens	0.0%	7.7% 1	4.9% 2	0.0%	0.0% 0	4.2% 2	0.0%		
		Turkeys			0.0% 0	0.0%					
		Cattle	0.0%	0.0%	0.0%	0.0%	0.0% 0	0.0% 0	0.0% 0		
		Swine			0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.0% 0		
Cephamycins	Cefoxitin	Chickens				0.0% 0	0.0% 0	2.1% 1	0.0% 0	1.2% 1	0.6% 1
		Turkeys				0.0% 0					
		Cattle				0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.0% 0
		Swine				0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.0% 0	

Table 12c. Antimicrobial Resistance among *Salmonella* Enteritidis Isolates from Food Animals, by Year, 1997-2005

Year			1997	1998	1999	2000	2001	2002	2003	2004	2005
Number of Isolates Tested Chickens		Chickens	1	13	41	31	21	48	42	84	173
Transpor or rectated rectate	•	Turkeys	0	0	1	1	0	0	0	0	0
		Cattle	1	1	8	4	4	6	3	2	2
		Swine	0	0	2	1	1	1	1	1	0
	Antimicrobial	Isolate									
Antimicrobial Class		Source									
Folate Pathway Inhibitors	Sulfonamides	Chickens	0.0%	0.0%	4.9%	3.2%	0.0%	4.2%	2.4%	1.2%	0.0%
			0	0	0.0%	0.0%	0	2	1	1	0
		Turkeys			0.0%	0.0%					
			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
		Cattle	0	0	0	0	0	0	0	0	0
		Swine			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
		Swille			0	0	0	0	0	0	
	Trimethoprim- Sulfamethoxazole	Chickens	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
			0	0	0	0	0	0	0	0	0
		Turkeys			0.0%	0.0%					
			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
		Cattle	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078
		Ourie e	Ů	Ů	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
		Swine			0	0	0	0	0	0	
Phenicols	Chloramphenicol	Chickens	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%
		CHICKEHS	0	0	0	0	0	0	0	0	1
		Turkeys			0.0%	0.0%					
		· umoyo	2.22/	2.22/	0	0	0.00/	2.20/	2.22/	2.22/	2.22/
		Cattle	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
			0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0
		Swine			0.0 %	0.0%	0.0 %	0.0 %	0.078	0.0 %	
Quinolones	Ciprofloxacin		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
		Chickens	0	0	0	0	0	0	0	0	0
		Turkeys			0.0%	0.0%					
		Turkeys			0	0					
		Cattle	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
			0	0	0	0	0	0	0.0%	0	0
		Swine			0.0% 0	0.0%	0.0%	0.0%	0.0%	0.0% 0	
	Nalidixic Acid		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%
	Trainaixiio 7 tota	Chickens	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	1
		Turkovo			0.0%	0.0%					
		Turkeys			0	0					
		Cattle	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
		- 30	0	0	0	0	0	0	0	0	0
		Swine			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Tetracyclines	Tetracycline		0.0%	0.0%	0 7.3%	0.0%	0.0%	0 2.1%	0 2.4%	0 2.4%	0.6%
		Chickens	0.0%	0.0%	3	0.0%	0.0%	2.1%	2.4%	2.4%	1
		Totalogo			0.0%	0.0%			·		
		Turkeys			0	0					
		Cattle	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
			0	1	0	0	0	0	0	0	0
		Swine			0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
					0	0	1	0	0	0	