

**Table 9.1
Detailed Sampling Plan
2002 FSIS NRP, Domestic Monitoring Plan and Exploratory Projects**

ANALYSIS	LAB	PROD. CLASS	#SAMP.	TYPE
Antibiotics by Bioassay	MWL	Market hogs	690	Monitoring Plan
Antibiotics by Bioassay	MWL	Dairy cows	690	Monitoring Plan
Antibiotics by Bioassay	MWL	Formula-fed veal	690	Monitoring Plan
Antibiotics by Bioassay	MWL	Young chickens	460	Monitoring Plan
Antibiotics by Bioassay	MWL	Steers	460	Monitoring Plan
Antibiotics by Bioassay	MWL	Heifers	460	Monitoring Plan
Antibiotics by Bioassay	MWL	Young turkeys	460	Monitoring Plan
Antibiotics by Bioassay	MWL	Bob veal	460	Monitoring Plan
Antibiotics by Bioassay	MWL	Horses	460	Monitoring Plan
Antibiotics by Bioassay	MWL	Beef cows	300	Monitoring Plan
Antibiotics by Bioassay	MWL	Sows	300	Monitoring Plan
Antibiotics by Bioassay	MWL	Lambs	300	Monitoring Plan
Antibiotics by Bioassay	MWL	Roaster pigs	300	Monitoring Plan ¹
Antibiotics by Bioassay	MWL	Bison	300	Monitoring Plan ¹
Antibiotics by Bioassay	MWL	Ratites	300	Monitoring Plan ¹
Antibiotics by Bioassay	MWL	Rabbits	300	Monitoring Plan
Antibiotics by Bioassay	MWL	Bulls	230	Monitoring Plan
Antibiotics by Bioassay	MWL	Mature chickens	230	Monitoring Plan
Antibiotics by Bioassay	MWL	Ducks	230	Monitoring Plan
Antibiotics by Bioassay	MWL	Boars/stags	230	Monitoring Plan
Antibiotics by Bioassay	MWL	Mature turkeys	230	Monitoring Plan
Antibiotics by Bioassay	MWL	Goats	230	Monitoring Plan
Antibiotics by Bioassay	MWL	Heavy calves	230	Monitoring Plan
Antibiotics by Bioassay	MWL	Sheep	230	Monitoring Plan
Antibiotics by Bioassay	MWL	Non-formula-fed veal	230	Monitoring Plan
Antibiotics by Bioassay	MWL	Geese	90	Monitoring Plan
Antibiotics by Bioassay	MWL	Squab	45	Monitoring Plan ¹
Total Antibiotics by Bioassay	MWL		9135	

¹Sampling frame is incomplete, and therefore the data may not be fully representative of the sampled population.

Table 9.1 - Continued
Detailed Sampling Plan
2002 FSIS NRP, Monitoring Plan and Exploratory Projects

ANALYSIS	LAB	PROD. CLASS	#SAMP.	TYPE
Avermectins	EL	Steers	460	Monitoring Plan
Avermectins	EL	Horses	460	Monitoring Plan
Avermectins	EL	Market hogs	300	Monitoring Plan
Avermectins	EL	Heifers	300	Monitoring Plan
Avermectins	EL	Dairy cows	300	Monitoring Plan
Avermectins	EL	Beef cows	300	Monitoring Plan
Avermectins	EL	Bulls	300	Monitoring Plan
Avermectins	EL	Lambs	300	Monitoring Plan
Avermectins	EL	Goats	300	Monitoring Plan
Avermectins	EL	Sows	230	Monitoring Plan
Avermectins	EL	Formula-fed veal	230	Monitoring Plan
Avermectins	EL	Bob veal	230	Monitoring Plan
Avermectins	EL	Heavy calves	230	Monitoring Plan
Avermectins	EL	Roaster pigs	230	Monitoring Plan ¹
Avermectins	EL	Bison	230	Monitoring Plan ¹
Avermectins	EL	Ratites	230	Monitoring Plan ¹
Avermectins	EL	Non-formula-fed veal	230	Monitoring Plan
Avermectins	EL	Rabbits	230	Monitoring Plan
Avermectins	EL	Boars/stags	90	Monitoring Plan
Avermectins	EL	Sheep	90	Monitoring Plan
Total Avermectins	EL		5270	
Arsenicals	EL	Young chickens	1200	Monitoring Plan
Arsenicals	EL	Young turkeys	460	Monitoring Plan
Arsenicals	EL	Egg products	460	Monitoring Plan
Arsenicals	EL	Market hogs	300	Monitoring Plan
Arsenicals	EL	Beef cows	300	Monitoring Plan
Arsenicals	EL	Goats	300	Monitoring Plan
Arsenicals	EL	Sows	230	Monitoring Plan
Arsenicals	EL	Mature chickens	230	Monitoring Plan
Arsenicals	EL	Ducks	230	Monitoring Plan
Arsenicals	EL	Roaster pigs	230	Monitoring Plan ¹
Arsenicals	EL	Boars/stags	90	Monitoring Plan
Arsenicals	EL	Mature turkeys	90	Monitoring Plan
Arsenicals	EL	Geese	90	Monitoring Plan
Total Arsenicals	EL		4210	

Table 9.1 - Continued
Detailed Sampling Plan
2002 FSIS NRP, Monitoring Plan and Exploratory Projects

ANALYSIS	LAB	PROD. CLASS	#SAMP.	TYPE
Sulfonamides	MWL or EL	Young chickens	300	Monitoring Plan
Sulfonamides	MWL or EL	Market hogs	300	Monitoring Plan
Sulfonamides	MWL or EL	Steers	300	Monitoring Plan
Sulfonamides	MWL or EL	Heifers	300	Monitoring Plan
Sulfonamides	MWL or EL	Young turkeys	300	Monitoring Plan
Sulfonamides	EL	Egg products	300	Monitoring Plan
Sulfonamides	MWL or EL	Dairy cows	300	Monitoring Plan
Sulfonamides	MWL or EL	Beef cows	300	Monitoring Plan
Sulfonamides	MWL or EL	Sows	300	Monitoring Plan
Sulfonamides	MWL or EL	Bulls	300	Monitoring Plan
Sulfonamides	MWL or EL	Mature chickens	300	Monitoring Plan
Sulfonamides	MWL or EL	Lambs	300	Monitoring Plan
Sulfonamides	MWL or EL	Formula-fed veal	300	Monitoring Plan
Sulfonamides	MWL or EL	Boars/stags	300	Monitoring Plan
Sulfonamides	MWL or EL	Mature turkeys	300	Monitoring Plan
Sulfonamides	MWL or EL	Bob veal	300	Monitoring Plan
Sulfonamides	MWL or EL	Roaster pigs	300	Monitoring Plan ¹
Sulfonamides	MWL or EL	Bison	300	Monitoring Plan ¹
Sulfonamides	MWL or EL	Ducks	230	Monitoring Plan
Sulfonamides	MWL or EL	Goats	230	Monitoring Plan
Sulfonamides	MWL or EL	Horses	230	Monitoring Plan
Sulfonamides	MWL or EL	Heavy calves	230	Monitoring Plan
Sulfonamides	MWL or EL	Ratites	230	Monitoring Plan ¹
Sulfonamides	MWL or EL	Non-formula-fed veal	230	Monitoring Plan
Sulfonamides	MWL or EL	Geese	90	Monitoring Plan
Sulfonamides	MWL or EL	Squab	45	Monitoring Plan ¹
Total Sulfonamides	MWL + EL		6915	
Dioxins	ARS	Steers/heifers	136	Exploratory Project
Dioxins	ARS	Market hogs	136	Exploratory Project
Dioxins	ARS	Young chickens	144	Exploratory Project
Dioxins	ARS	Young turkeys	84	Exploratory Project
Dioxins	ARS	Horses	60	Exploratory Project
Total Dioxins	ARS		560	

Table 9.1 - Continued
Detailed Sampling Plan
2002 FSIS NRP, Monitoring Plan and Exploratory Projects

ANALYSIS	LAB	PROD. CLASS	#SAMP.	TYPE
CHC's/COP's/Phenylbutazone	WL	Young chickens	460	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Market hogs	460	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Steers	460	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Heifers	460	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Young turkeys	460	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Egg products	460	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Dairy cows	460	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Beef cows	300	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Sows	300	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Bulls	300	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Mature chickens	300	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Lambs	300	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Formula-fed veal	300	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Ducks	230	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Boars/stags	300	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Mature turkeys	230	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Goats	300	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Bob veal	300	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Horses	300	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Heavy calves	300	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Bison	300	Monitoring Plan ¹
CHC's/COP's/Phenylbutazone	WL	Sheep	230	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Ratites	300	Monitoring Plan ¹
CHC's/COP's/Phenylbutazone	WL	Non-formula-fed veal	90	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Geese	90	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Rabbits	90	Monitoring Plan
CHC's/COP's/Phenylbutazone	WL	Squab	45	Monitoring Plan ¹
Total CHC's/COP's/Phenylbutazone	WL		8125	

**Table 9.1 - Continued
Detailed Sampling Plan
2002 FSIS NRP, Monitoring Plan and Exploratory Projects**

ANALYSIS	LAB	PROD. CLASS	#SAMP.	TYPE
Carbadox	WL	Roaster pigs	460	Monitoring Plan ^{1,2}
Total Carbadox	WL		460	
Chloramphenicol	EL	Dairy cows	300	Monitoring Plan
Chloramphenicol	EL	Formula-fed veal	300	Monitoring Plan
Chloramphenicol	EL	Non-formula-fed veal	300	Monitoring Plan
Total Chloramphenicol	EL		900	
Clenbuterol and other beta agonists*	WL+FDA	Formula-fed veal	300	Monitoring Plan ²
Clenbuterol and other beta agonists*	WL+FDA	Market hogs	300	Monitoring Plan ²
Clenbuterol and other beta agonists*	WL+FDA	Steers	300	Monitoring Plan ²
Total Clenbuterol, other beta ags.*	WL+FDA		900	
Flunixin	MWL	Dairy cows	300	Monitoring Plan ²
Total Flunixin	MWL		300	
Fluoroquinolones	MWL	Dairy cows	300	Monitoring Plan ²
Fluoroquinolones	MWL	Young chickens	300	Monitoring Plan ²
Total Fluoroquinolones	MWL		600	
MGA (melengesterol acetate)	MWL	Heifers	300	Monitoring Plan ²
Total MGA	MWL		300	
Ractopamine	MWL	Market hogs	300	Monitoring Plan
Ractopamine	MWL	Steers	300	Monitoring Plan
Total Ractopamine	MWL		600	

*Samples from a total of 900 animals (from each animal, both eyeballs and a pound of liver will be collected) will be sent to WL. WL will perform a screen for clenbuterol in the eyeball, which is the most sensitive tissue in which to test for the presence of beta agonists. This screen has been officially validated for clenbuterol only, but has also demonstrated the ability to detect other beta agonists, including fenoterol and cimaterol. If the sample is positive, WL will send an eyeball to FDA for confirmatory analysis using mass spectrometry. The FDA confirmatory method detects eight unapproved beta agonists (clenbuterol, cimaterol, fenoterol, mabuterol, salbutamol, brombuterol, and terbutaline). WL will retain the liver should additional testing be necessary.

Key:

PROD. CLASS = Production class; CHC = Chlorinated hydrocarbon; COP = Chlorinated organophosphate; EL = FSIS Eastern Laboratory, Athens, GA; MWL = FSIS Midwestern Laboratory, St. Louis, MO; WL = FSIS Western Laboratory, Alameda, CA; FDA = Food and Drug Administration, National Center for Toxicological Research, Jefferson, AR; ARS = Agricultural Research Service, Red River Valley Agricultural Research Center, Fargo, ND.

² Because of laboratory scheduling requirements, these sampling plans will be conducted for less than a full calendar year.

Table 9.2
Summary
2002 FSIS NRP, Domestic Monitoring Plan and Exploratory Projects

PRODUCTION CLASS	Antibiotics	Arsenicals	Avermectins	Sulfonamides	CHC's/ COP's/ phenylbut.	Dioxins
Bulls	230		300	300	300	
Beef cows	300	300	300	300	300	
Dairy cows	690		300	300	460	
Heifers	460		300	300	460	136
Steers	460		460	300	460	
Bob veal	460		230	300	300	
Formula-fed veal	690		230	300	300	
Non-formula-fed veal	230		230	230	90	
Heavy calves	230		230	230	300	
SUBTOTAL, CATTLE	3750	300	2580	2560	2970	136
Market hogs	690	300	300	300	460	136
Roaster pigs	300	230	230	300		
Boars/Stags	230	90	90	300	300	
Sows	300	230	230	300	300	
SUBTOTAL, SWINE	1520	850	850	1200	1060	136
Sheep	230		90		230	
Lambs	300		300	300	300	
SUBTOTAL, OVINE	530	0	390	300	530	0
Goats	230	300	300	230	300	
Horses	460		460	230	300	60
Bison	300		230	300	300	
SUBT., OTHER LIVESTC.	990	300	990	760	900	60
TOTAL, ALL LIVESTOCK	6790	1450	4810	4820	5460	332
Young chickens	460	1200		300	460	144
Mature chickens	230	230		300	300	
Young turkeys	460	460		300	460	84
Mature turkeys	230	90		300	230	
Ducks	230	230		230	230	
Geese	90	90		90	90	
Ratites	300		230	230	300	
Squab	45			45	45	
SUBTOTAL, POULTRY	2045	2300	230	1795	2115	228
Rabbits	300		230		90	
Egg products		460		300	460	
GRAND TOTAL, ALL PRODUCTION CLASSES	9135	4210	5270	6915	8125	560

Table 9.2 - Continued
Summary
2002 FSIS NRP, Domestic Monitoring Plan and Exploratory Projects

PRODUCTION CLASS	Carba- dox	Chloram- phenicol	Clenbuterol, other beta agonists*	Flunixin	Fluoro- quinolones	MGA	Ractop- amine
Bulls							
Beef cows							
Dairy cows		300		300	300		
Heifers						300	
Steers			300				300
Bob veal							
Formula-fed veal		300	300				
Non-formula-fed veal		300					
Heavy calves							
SUBTOTAL, CATTLE	0	900	600	300	300	300	300
Market hogs			300				300
Roaster pigs	460						
Boars/Stags							
Sows							
SUBTOTAL, SWINE	460	0	300	0	0	0	300
Sheep							
Lambs							
SUBTOTAL, OVINE	0	0	0	0	0	0	0
Goats							
Horses							
Bison							
SUBT., OTHER LIVESTC.	0	0	0	0	0	0	0
TOTAL, ALL LIVESTOCK	460	0	900	300	0	300	600
Young chickens					300		
Mature chickens							
Young turkeys							
Mature turkeys							
Ducks							
Geese							
Ratites							
Squab							
SUBTOTAL, POULTRY	0	0	0	0	300	0	0
Rabbits							
Egg products							
GRAND TOTAL, ALL PRODUCTION CLASSES	460	900	900	300	600	300	600

* See note concerning clenbuterol and other beta agonists at end of Table 9.1.

Table 9.3
Summary
2002 FSIS NRP, Import Monitoring Plan

Country	Product	Compound	No. Samples
Argentina	Beef, fresh	Antibiotic	8
Argentina	Beef, fresh	Avermectins	8
Argentina	Beef, fresh	Chloramphenicol	8
Argentina	Beef, fresh	Sulfonamides	8
Argentina	Beef, fresh	CHC/COP/phenylbutazone	8
Australia	Veal, fresh	Chloramphenicol	8
Australia	Veal, fresh	Antibiotics	20
Australia	Veal, fresh	Avermectins	20
Australia	Veal, fresh	Sulfonamide	20
Australia	Veal, fresh	CHC/COP/phenylbutazone	20
Australia	Varied combination, processed	Sulfonamides	8
Australia	Varied combination, processed	CHC/COP/phenylbutazone	8
Australia	Pork, fresh	Antibiotics	8
Australia	Pork, fresh	Arsenicals	8
Australia	Pork, fresh	Avermectins	8
Australia	Pork, fresh	Carbadox	8
Australia	Pork, fresh	Ractopamine	8
Australia	Pork, fresh	Sulfonamides	8
Australia	Pork, fresh	CHC/COP/phenylbutazone	8
Australia	Mutton/Lamb, fresh	Antibiotic	40
Australia	Mutton/Lamb, fresh	Avermectins	40
Australia	Mutton/Lamb, fresh	Sulfonamide	40
Australia	Mutton/Lamb, fresh	CHC/COP/phenylbutazone	138
Australia	Goat, fresh	Antibiotics	8
Australia	Goat, fresh	Arsenicals	8
Australia	Goat, fresh	Avermectins	8
Australia	Goat, fresh	Sulfonamides	8
Australia	Goat, fresh	CHC/COP/phenylbutazone	8
Australia	Beef, fresh	Avermectins	92
Australia	Beef, fresh	Chloramphenicol	92
Australia	Beef, fresh	Antibiotic	151
Australia	Beef, fresh	Sulfonamides	151
Australia	Beef, fresh	CHC/COP/phenylbutazone	151
Austria	Pork, processed	Arsenicals	8
Austria	Pork, processed	Sulfonamides	8
Austria	Pork, processed	CHC/COP/phenylbutazone	8
Brazil	Beef, processed	Sulfonamides	83
Brazil	Beef, processed	CHC/COP/phenylbutazone	118
Canada	Veal, fresh	Chloramphenicol	8
Canada	Veal, fresh	Antibiotics	34
Canada	Veal, fresh	Avermectins	34
Canada	Veal, fresh	Sulfonamide	34
Canada	Veal, fresh	CHC/COP/phenylbutazone	34
Canada	Varied combination, processed	Sulfonamides	8
Canada	Varied combination, processed	CHC/COP/phenylbutazone	8

Table 9.3 – Continued
Summary
2002 FSIS NRP, Import Monitoring Plan

Country	Product	Compound	No. Samples
Canada	Turkey, fresh	Antibiotics	8
Canada	Turkey, fresh	Arsenicals	8
Canada	Turkey, fresh	Sulfonamides	8
Canada	Turkey, fresh	CHC/COP/phenylbutazone	8
Canada	Pork, fresh	Carbadox	44
Canada	Pork, fresh	Ractopamine	44
Canada	Pork, fresh	Antibiotics	228
Canada	Pork, fresh	Arsenicals	228
Canada	Pork, fresh	Avermectins	228
Canada	Pork, fresh	Sulfonamides	228
Canada	Pork, fresh	CHC/COP/phenylbutazone	228
Canada	Other Fowl, fresh	Antibiotics	8
Canada	Other Fowl, fresh	Arsenicals	8
Canada	Other Fowl, fresh	Sulfonamides	8
Canada	Other Fowl, fresh	CHC/COP/phenylbutazone	8
Canada	Mutton/Lamb, fresh	Antibiotic	8
Canada	Mutton/Lamb, fresh	Avermectins	8
Canada	Mutton/Lamb, fresh	Sulfonamide	8
Canada	Mutton/Lamb, fresh	CHC/COP/phenylbutazone	8
Canada	Chicken, fresh	Antibiotics	8
Canada	Chicken, fresh	Arsenicals	8
Canada	Chicken, fresh	Fluoroquinolones	8
Canada	Chicken, Fresh	Sulfonamides	8
Canada	Chicken, fresh	CHC/COP/phenylbutazone	8
Canada	Beef, fresh	Avermectins	97
Canada	Beef, fresh	Chloramphenicol	97
Canada	Beef, fresh	Antibiotic	159
Canada	Beef, fresh	Sulfonamides	159
Canada	Beef, fresh	CHC/COP/phenylbutazone	159
Costa Rica	Beef, fresh	Antibiotic	8
Costa Rica	Beef, fresh	Avermectins	8
Costa Rica	Beef, fresh	Chloramphenicol	8
Costa Rica	Beef, fresh	Sulfonamides	8
Costa Rica	Beef, fresh	CHC/COP/phenylbutazone	8
Croatia	Varied combination, processed	Sulfonamides	8
Croatia	Varied combination, processed	CHC/COP/phenylbutazone	8
Croatia	Pork, processed	Arsenicals	8
Croatia	Pork, processed	Sulfonamides	8
Croatia	Pork, processed	CHC/COP/phenylbutazone	8
Croatia	Beef, processed	Sulfonamides	8
Croatia	Beef, processed	CHC/COP/phenylbutazone	8
Denmark	Pork, fresh	Carbadox	8
Denmark	Pork, fresh	Ractopamine	8
Denmark	Pork, fresh	Antibiotics	32

Table 9.3 – Continued
Summary
2002 FSIS NRP, Import Monitoring Plan

Country	Product	Compound	No. Samples
Denmark	Pork, fresh	Arsenicals	32
Denmark	Pork, fresh	Avermectins	32
Denmark	Pork, fresh	Sulfonamides	32
Denmark	Pork, fresh	CHC/COP/phenylbutazone	32
Finland	Pork, fresh	Antibiotics	8
Finland	Pork, fresh	Arsenicals	8
Finland	Pork, fresh	Avermectins	8
Finland	Pork, fresh	Carbadox	8
Finland	Pork, fresh	Ractopamine	8
Finland	Pork, fresh	Sulfonamides	8
Finland	Pork, fresh	CHC/COP/phenylbutazone	8
France	Varied combination, processed	Sulfonamides	8
France	Varied combination, processed	CHC/COP/phenylbutazone	8
France	Pork, processed	Arsenicals	8
France	Pork, processed	Sulfonamides	8
France	Pork, processed	CHC/COP/phenylbutazone	8
France	Other Fowl, fresh	Antibiotics	8
France	Other Fowl, fresh	Arsenicals	8
France	Other Fowl, fresh	Sulfonamides	8
France	Other Fowl, fresh	CHC/COP/phenylbutazone	8
France	Chicken, processed	Arsenicals	8
France	Chicken, processed	Sulfonamides	8
France	Chicken, processed	CHC/COP/phenylbutazone	8
Germany	Pork, processed	Arsenicals	8
Germany	Pork, processed	Sulfonamides	8
Germany	Pork, processed	CHC/COP/phenylbutazone	8
Honduras	Beef, fresh	Antibiotic	8
Honduras	Beef, fresh	Avermectins	8
Honduras	Beef, fresh	Chloramphenicol	8
Honduras	Beef, fresh	Sulfonamides	8
Honduras	Beef, fresh	CHC/COP/phenylbutazone	8
Hungary	Pork, processed	Arsenicals	8
Hungary	Pork, processed	Sulfonamides	8
Hungary	Pork, processed	CHC/COP/phenylbutazone	8
Iceland	Pork, processed	Arsenicals	8
Iceland	Pork, processed	Sulfonamides	8
Iceland	Pork, processed	CHC/COP/phenylbutazone	8
Iceland	Mutton/Lamb, fresh	Antibiotic	8
Iceland	Mutton/Lamb, fresh	Avermectins	8
Iceland	Mutton/Lamb, fresh	Sulfonamide	8
Iceland	Mutton/Lamb, fresh	CHC/COP/phenylbutazone	8
Ireland	Pork, fresh	Antibiotics	8
Ireland	Pork, fresh	Arsenicals	8
Ireland	Pork, fresh	Avermectins	8
Ireland	Pork, fresh	Carbadox	8

Table 9.3 – Continued
Summary
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Country	Product	Compound	No. Samples
Ireland	Pork, fresh	Ractopamine	8
Ireland	Pork, fresh	Sulfonamides	8
Ireland	Pork, fresh	CHC/COP/phenylbutazone	8
Israel	Turkey, processed	Arsenicals	8
Israel	Turkey, processed	Sulfonamides	8
Israel	Turkey, processed	CHC/COP/phenylbutazone	8
Israel	Chicken, processed	Arsenicals	8
Israel	Chicken, processed	Sulfonamides	8
Israel	Chicken, processed	CHC/COP/phenylbutazone	8
Italy	Pork, processed	Arsenicals	8
Italy	Pork, processed	Sulfonamides	8
Italy	Pork, processed	CHC/COP/phenylbutazone	8
Italy	Beef, processed	Sulfonamides	8
Italy	Beef, processed	CHC/COP/phenylbutazone	8
Japan	Beef, fresh	Antibiotic	8
Japan	Beef, fresh	Avermectins	8
Japan	Beef, fresh	Chloramphenicol	8
Japan	Beef, fresh	Sulfonamides	8
Japan	Beef, fresh	CHC/COP/phenylbutazone	8
Mexico	Pork, processed	Arsenicals	8
Mexico	Pork, processed	Sulfonamides	8
Mexico	Pork, processed	CHC/COP/phenylbutazone	8
Mexico	Mutton/Lamb, fresh	Antibiotic	8
Mexico	Mutton/Lamb, fresh	Avermectins	8
Mexico	Mutton/Lamb, fresh	Sulfonamide	8
Mexico	Mutton/Lamb, fresh	CHC/COP/phenylbutazone	8
Mexico	Beef, fresh	Antibiotic	8
Mexico	Beef, fresh	Avermectins	8
Mexico	Beef, fresh	Chloramphenicol	8
Mexico	Beef, fresh	Sulfonamides	8
Mexico	Beef, fresh	CHC/COP/phenylbutazone	8
Netherlands	Pork, processed	Arsenicals	8
Netherlands	Pork, processed	Sulfonamides	10
Netherlands	Pork, processed	CHC/COP/phenylbutazone	15
New Zealand	Veal, fresh	Chloramphenicol	8
New Zealand	Veal, fresh	Antibiotics	36
New Zealand	Veal, fresh	Sulfonamide	36
New Zealand	Veal, fresh	CHC/COP/phenylbutazone	36
New Zealand	Varied combination, processed	Sulfonamides	8
New Zealand	Varied combination, processed	CHC/COP/phenylbutazone	8
New Zealand	Mutton/Lamb, fresh	Antibiotic	18
New Zealand	Mutton/Lamb, fresh	Avermectins	18
New Zealand	Mutton/Lamb, fresh	Sulfonamide	18
New Zealand	Mutton/Lamb, fresh	CHC/COP/phenylbutazone	60
New Zealand	Goat, fresh	Antibiotics	8

Table 9.3 – Continued
Summary
2002 FSIS NRP, Import Monitoring Plan

Country	Product	Compound	No. Samples
New Zealand	Goat, fresh	Arsenicals	8
New Zealand	Goat, fresh	Avermectins	8
New Zealand	Goat, fresh	Sulfonamides	8
New Zealand	Goat, fresh	CHC/COP/phenylbutazone	8
New Zealand	Beef, fresh	Avermectins	56
New Zealand	Beef, fresh	Chloramphenicol	56
New Zealand	Beef, fresh	Antibiotic	92
New Zealand	Beef, fresh	Sulfonamides	92
New Zealand	Beef, fresh	CHC/COP/phenylbutazone	92
Nicaragua	Beef, fresh	Antibiotic	8
Nicaragua	Beef, fresh	Avermectins	8
Nicaragua	Beef, fresh	Chloramphenicol	8
Nicaragua	Beef, fresh	Sulfonamides	8
Nicaragua	Beef, fresh	CHC/COP/phenylbutazone	8
Northern Ireland	Pork, processed	Arsenicals	8
Northern Ireland	Pork, processed	Sulfonamides	8
Northern Ireland	Pork, processed	CHC/COP/phenylbutazone	8
Poland	Pork, processed	Arsenicals	8
Poland	Pork, processed	Sulfonamides	10
Poland	Pork, processed	CHC/COP/phenylbutazone	15
Poland	Beef/Pork, processed	Arsenicals	8
Poland	Beef/Pork, processed	Sulfonamides	8
Poland	Beef/Pork, processed	CHC/COP/phenylbutazone	8
Spain	Pork, processed	Arsenicals	8
Spain	Pork, processed	Sulfonamides	8
Spain	Pork, processed	CHC/COP/phenylbutazone	8
Sweden	Pork, fresh	Antibiotics	8
Sweden	Pork, fresh	Arsenicals	8
Sweden	Pork, fresh	Avermectins	8
Sweden	Pork, fresh	Carbadox	8
Sweden	Pork, fresh	Ractopamine	8
Sweden	Pork, fresh	Sulfonamides	8
Sweden	Pork, fresh	CHC/COP/phenylbutazone	8
Switzerland	Pork, processed	Arsenicals	8
Switzerland	Pork, processed	Sulfonamides	8
Switzerland	Pork, processed	CHC/COP/phenylbutazone	8
Switzerland	Beef, processed	Sulfonamides	8
Switzerland	Beef, processed	CHC/COP/phenylbutazone	8
UK	Pork, fresh	Antibiotics	8
UK	Pork, fresh	Arsenicals	8
UK	Pork, fresh	Avermectins	8
UK	Pork, fresh	Carbadox	8
UK	Pork, fresh	Ractopamine	8
UK	Pork, fresh	Sulfonamides	8
UK	Pork, fresh	CHC/COP/phenylbutazone	8

Table 9.3 – Continued
Summary
2002 FSIS NRP, Import Monitoring Plan

Country	Product	Compound	No. Samples
Uruguay	Mutton/Lamb, fresh	Antibiotic	8
Uruguay	Mutton/Lamb, fresh	Avermectins	8
Uruguay	Mutton/Lamb, fresh	Sulfonamide	8
Uruguay	Mutton/Lamb, fresh	CHC/COP/phenylbutazone	8
Uruguay	Beef, fresh	Avermectins	8
Uruguay	Beef, fresh	Chloramphenicol	8
Uruguay	Beef, fresh	Antibiotic	9
Uruguay	Beef, fresh	Sulfonamides	9
Uruguay	Beef, fresh	CHC/COP/phenylbutazone	9

Table 9.4
Number of Compounds/Product Class
2002 FSIS NRP, Import Monitoring Plan

Compound →	Anti-biotics	Arsen-icals	Aver-mectins	Car-badox	Chloram-phenicol	Fluor-oquin-olones	Ractop-amine	Sulfas	CHC/COP/Phenyl-butazon	Total
Beef, fresh	459		301		301			459	459	1979
Beef, processed								107	142	249
Beef/Pork, processed		8						8	8	24
Chicken, fresh	8	8				8		8	8	40
Chicken, processed		16						16	16	48
Goat, fresh	16	16	16					16	16	80
Mutton/Lamb, fresh	90		90					90	230	500
Mutton/Lamb, processed										
Other Fowl, fresh	16	16						16	16	64
Other Fowl, processed										
Pork, fresh	300	300	300	92			92	300	300	1684
Pork, processed		104						108	118	330
Turkey, fresh	8	8						8	8	32
Turkey, processed		8						8	8	24
Varied combination, processed								40	40	80
Veal, fresh	90		54		24			90	90	348
Veal, processed										
Total	987	484	761	92	325	8	92	1274	1459	5482

**Table 9.5
Number of Samples/Country/Product Class
2002 FSIS NRP, Import Monitoring Plan**

	Beef, fresh	Beef, processed	Beef/Pork, processed	Chicken, fresh	Chicken, processed	Goat, fresh	Mutton/Lamb	Mutton/Lamb	Other Fowl, fresh	Other Fowl, processed	Pork, fresh	Pork, processed	Turkey, fresh	Turkey, processed	Varied combination, processed	Veal, fresh	Veal, processed	Total
Argentina	40	92																40
Australia	637					40	258				56				16	88		1095
Austria												24						24
Belgium																		
Brazil		201																201
Canada	671			40			32		32		1228		32		16			2195
Costa Rica	40														16			40
Croatia		16										24						56
Denmark										176								176
Finland										56								56
France									32			24			16			96
Germany												24						24
Honduras	40																	40
Hong Kong																		48
Hungary												24						24
Iceland							32		32			24						56
Ireland											56							56
Israel					24									24				48
Italy		16										24						40
Japan	40																	40
Mexico	40						32					24						96
Netherlands												33						33
New Zealand	388					40	114	16							16	116		674
Northern Ireland																		24
Nicaragua	40																	40
Poland												24						57
Spain												24						24
Sweden											56							48
Switzerland		16										24						40
UK											56							56
Uruguay	43						32											75

**Table 9.6
Combined Summary
2002 FSIS NRP, Domestic Monitoring Plan and Exploratory Projects and Import Monitoring Plan**

LAB	ANALYSIS	# SAMPLES SCHEDULED	# Domestic Samples	# Imported Samples	NOTES
MWL	Antibiotics	10122	9135	987	Domestic: all production classes except egg products Imported: all fresh product classes
EL	Arsenicals	4694	4210	484	Domestic: beef cows, goats, all porcine production classes, and all avian production classes (including egg products) except ratites and squab Imported: fresh poultry, pork, and goats, and processed pork, beef/pork, chicken, and turkey
EL	Avermectins	6031	5270	761	Domestic: ratites and all non-avian production classes Imported: all non-avian fresh product classes
WL	Carbadox	552	460	92	Domestic: 460 roaster pigs Imported: 92 fresh pork
WL	CHC's/COP's/ phenylbutazone	9584	8125	1459	Domestic: all production classes except roaster pigs Imported: all product classes except processed veal, processed mutton/lamb, and processed other fowl
EL	Chloramphenicol	1225	900	325	Domestic: 300 each, dairy cows, formula-fed veal, and non-formula veal Imported: 301 fresh beef and 24 fresh veal
WL, FDA-NCTR	Clenbuterol and other unapproved beta agonists	900	900	0	Domestic: 300 each, market hogs, steers, formula-fed veal
ARS-RRVARC	Dioxins	560	560	0	Domestic: 136 steers/heifers, 136 market hogs, 144 young chickens, 84 young turkeys, and 60 horses
MWL	Flunixin	300	300	0	Domestic: 300 dairy cows
MWL	Fluoroquinolones	608	600	8	Domestic: 460 dairy cows and 230 young chickens Imported: 8 fresh chicken
MWL	MGA	300	300	0	Domestic: 300 heifers
MWL	Ractopamine	692	600	92	Domestic: 300 market hogs and 300 steers Imported: 92 fresh pork
EL, MWL	Sulfonamides	8189	6915	1274	Domestic: all production classes except sheep and rabbits Imported: all product classes except processed veal, processed mutton/lamb, and processed other fowl
	TOTAL, ALL LABORATORIES	43757	38275	5482	

Key:

CHC = Chlorinated hydrocarbon; COP = Chlorinated organophosphate
 EL = FSIS Eastern Laboratory, Athens, GA; MWL = FSIS Midwestern Laboratory, St. Louis, MO; WL = FSIS Western Laboratory, Alameda, CA
 FDA-NCTR = Food and Drug Administration, National Center for Toxicological Research, Jefferson, AR
 ARS-RRVARC = Agricultural Research Service, Red River Valley Agricultural Research Center, Fargo, ND