Salmonella in Food 2017

Table 1: Salmonella spp. in meat.

Food Type	Sampling Site	RTE Status	Batch/Single Sample	Samples Tested	Samples Positive	% Positive
Carcasses						
		outine Samp	oling	1	1	1
Bovine	Processing	NS	Batch	2	0	0
	Slaughter	NS	Batch	67	0	0
Broiler	Slaughter	NS	Single	253	0	0
Deer	Slaughter	NS	Batch	2	0	0
Pork	Processing	NS	Batch	1	0	0
	Slaughter	NS	Batch	4	0	0
Poultry, unspecified	Slaughter	NS	Single	14	0	0
Sheep	Slaughter	NS	Batch	78	0	0
Turkey	Slaughter	NS	Single	40	2	5
		Total		461	2	0.4
	Su	spect Samp	oling			
Sheep	Slaughter	NS	Batch	4	0	0
		Total		4	0	0
Fresh meat						
	Ro	outine Samp	oling			
Bovine	Processing	NS	Batch	1	0	0
			Single	1	0	0
Broiler	Border	NS	Batch	22	1	4.5
			Single	2	0	0
	Processing	NS	Batch	3	0	0
	-		Single	15	0	0
	Slaughter	NS	Batch	3	0	0
	Wholesale	NS	Single	1	0	0
Duck	Slaughter	NS	Batch	3	0	0
	C C		Single	1	0	0
Other animal species or not specified	Processing	NS	Single	1	0	0
Sheep	Processing	NS	Single	1	0	0
Turkey	Border	NS	Batch	19	0	0
•	Processing	NS	Single	10	0	0
	<u> </u>	Total	Ŭ	83	1	1.2
	Su	spect Samp	oling	I	·	
Bovine	Catering	Frozen	Single	1	0	0
Broilers	Catering	NS	Single	7	0	0
Turkey	Retail	Frozen	Single	1	0	0
-	Wholesale	NS	Single	10	0	0
		Total	Ŭ	19	0	0
Meat preparations		-		I	ı	ı
	Ro	outine Samp	oling			
Bovine	Processing	NS	Batch	37	0	0
-	Slaughter		Single	1	0	0
		NS	Batch	2	0	0
Broilers	Processing	NS	Batch	1	0	0
Duck	Processing	Raw	Single	12	3	25
Other animal species or not	Processing	NS	Batch	4	0	0

		RTE	Batch/Single	Samples	Samples	%
Food Type	Sampling Site	Status	Sample	Tested	Positive	Positive
specified			Single	1	0	0
Pork	Processing	Raw	Batch	11	0	0
		NS	Batch	19	0	0
			Single	58	0	0
Sheep	Border	NS	Batch	1	0	0
	Processing	NS	Batch	1	0	0
			Single	13	0	0
Turkey	Border	NS	Batch	1	0	0
		Total		162	3	1.9
	Su	ispect Samp	oling	1	1	T
Bovine	Catering	NS	Single	1	0	0
	Processing	NS	Batch	1	0	0
Pork	Catering	Raw	Single	1	0	0
	Processing	NS	Batch	1	0	0
	Unspecified	Raw	Single	2	0	0
		Total		6	0	0
Minced Meat						
	Ro	outine Samp	oling			
Bovine	Catering	Raw	Single	1	0	0
	Hospital	NS	Single	1	0	0
	Processing	NS	Batch	45	0	0
	Retail	Raw	Batch	5	0	0
		NS	Batch	7	0	0
			Single	4	0	0
	Slaughterhouse	NS	Batch	2	0	0
Pork	Processing	NS	Batch	8	0	0
			Single	5	0	0
	Retail	NS	Batch	1	0	0
Sheep	Processing	NS	Batch	2	0	0
			Single	4	0	0
	Wholesale	Raw	Single	1	0	0
		Total		86	0	0
	Su	ispect Samp	oling			
Bovine	Processing	NS	Batch	5	0	0
	Retail	Raw	Batch	1	0	0
	Slaughter	NS	Batch	2	0	0
Sheep	Processing	NS	Batch	4	0	0
		Total		12	0	0
Offal (Liver)						
	Ro	outine Samp	oling			
Broiler	Catering	Liver	Single	1	0	0
	Processing	Liver	Single	1	0	0
		Total		2	0	0
	Su	ispect Samp	oling			
Broilers	Catering	Liver	Single	1	0	0
		Total		1	0	0
Meat Products						
	Ro	outine Samp	oling			
Bovine	Catering	RTE	Single	66	0	0
	_	NS	Single	1	0	0

		RTE	Batch/Single	Samples	Samples	%
Food Type	Sampling Site	Status	Sample	Tested	Positive	Positive
	Hospital	RTE	Batch	1	0	0
			Single	18	0	0
	Processing	RTE	Batch	24	0	0
		NS	Batch	17	0	0
			Single	18	0	0
	Retail	RTE	Single	18	0	0
		NS	Batch	1	0	0
			Single	2	0	0
	Unspecified	RTE	Single	1	0	0
Broilers	Border	Raw	Batch	6	0	0
			Single	1	0	0
		RTE	Batch	7	0	0
		NS	Batch	13	2	15.4
	Catering	RTE	Batch	3	0	0
			Single	138	0	0
		NS	Single	5	0	0
	Hospital	RTE	Single	23	0	0
	Processing	Raw	Batch	1	0	0
	Trocessing	T(a w	Single	31	0	0
		RTE	Batch	36	0	0
		NIL NIL	Single	30	0	0
		NS	Batch	2	0	0
		NS NS	Single	12	0	0
	Retail	RTE	Batch	12	0	0
	Retail	NIL NIL		68	0	0
		NS	Single Single	5	0	0
	Lincrosified	RTE	-	6	0	0
Farmed Game	Unspecified	NS	Single	2	0	0
Farmeu Game	Catering Retail	NS	Single	1	0	0
Pork		Cooked	Single	39	0	0
PUIK	Catering	RTE	Single Batch	1	0	0
		RIE		44	0	0
		NC	Single			
	lleenitel	NS	Single	1	0	0
	Hospital	Cooked	Single	11	0	0
	Dresseine	RTE	Single	14	0	0
	Processing	Cooked	Batch	53	0	0
		Raw	Batch	2	0	0
			Single	6	0	0
		RTE	Batch	46	0	0
		NC	Single	1	0	0
		NS	Batch	19	0	0
	Datail	Contrat	Single	54	0	0
	Retail	Cooked	Batch	1	0	0
		- ^	Single	38	0	0
		Pâté	Single	1	0	0
		Raw	Batch	1	0	0
		RTE	Single	24	0	0
		NS	Single	5	0	0
	Slaughter	NS	Batch	1	0	0
	Unspecified	RTE	Batch	1	0	0

Food Type	Sampling Site	RTE	Batch/Single	Samples	Samples	%
rood rype	Sampling Site	Status	Sample	Tested	Positive	Positive
			Single	2	0	0
Sheep	Catering	RTE	Single	9	0	0
		NS	Single	1	0	0
	Hospital	RTE	Single	8	0	0
	Processing	RTE	Batch	1	0	0
Turkey	Catering	RTE	Single	11	0	0
		NS	Single	1	0	0
	Hospital	RTE	Single	5	0	0
	Processing	RTE	Batch	23	0	0
			Single	1	0	0
	Retail	RTE	Single	14	0	0
	Unspecified	RTE	Single	1	0	0
	Wholesale	RTE	Single	1	0	0
Mixed Meat	Catering	RTE	Single	8	0	0
	Hospital	RTE	Single	3	0	0
	Processing	RTE	Batch	6	0	0
	Ŭ	NS	Batch	5	0	0
			Single	6	0	0
	Retail	RTE	Single	15	0	0
	Unspecified	RTE	Single	1	0	0
	Wholesale	RTE	Single	1	0	0
		Total		1017	2	0.2
	Su	ispect Samp	oling			
Bovine	Catering	RTE	Single	16	0	0
		NS	Single	3	0	0
	Retail	RTE	Single	4	0	0
	Unspecified	RTE	Single	2	0	0
Broilers	Catering	RTE	Single	49	0	0
broners	cutering	NS	Single	7	0	0
	Hospital	RTE	Single	1	0	0
	Processing	RTE	Single	1	0	0
	Retail	RTE	Single	6	0	0
	Unspecified	RTE	Single	2	0	0
Pork	Catering	Cooked	Single	10	0	0
FUIK	Catering	RTE	Single	10	0	0
	Hospital	RTE	Single	14	0	0
		NS	-			
	Processing	Cooked	Batch	1	0	0
	Retail		Single		0	
Shoon	Catarina	RTE	Single	1	0	0
Sheep	Catering	RTE	Single	4	0	0
Turkey	Catering	RTE	Single	3	0	0
		NS	Batch	1	0	0
		D.7-	Single	1	0	0
	Unspecified	RTE	Single	1	0	0
Mixed Meat	Catering	RTE	Single	4	0	0
	Processing	RTE	Single	2	0	0
	Unspecified	RTE	Single	1	0	0
		Total		137	0	0

		Samples	Samples	%
		Tested	Positive	70 Positive
	erall Total	1991	9	0.5
		1991	9	0.5
Total Routine	Samplas	1811	8	0.4
	sisting of:	1011	0	0.4
Total Cooked	Batch	54	0	0
Total Cooked	Single	88	0	0
Total Liver	Batch	0	0	0
Total Liver		2		
Total NS	Single	395	0	0 0.8
i otal NS	Batch		3	
 Total Raw	Single	540		0.4
i otal Raw	Batch	26	0	0
	Single	 52	3	5.8
Total RTE	Batch	150	0	0
	Single	 504	0	0
Total Pâté	Batch	0	0	0
	Single	1	0	0
	_			
Total Suspec	•	180	1	0.6
	sisting of:			
Total Cooked	Batch	0	0	0
	Single	12	0	0
Total Liver	Batch	0	0	0
	Single	1	0	0
Total NS	Batch	19	0	0
	Single	29	1	3.4
Total Raw	Batch	1	0	0
	Single	3	0	0
Total RTE	Batch	0	0	0
	Single	112	0	1.8
Total Frozen	Batch	0	0	0
	Single	2	0	0

Abbreviations - RTE: Ready-to-Eat, NS: Not Specified

Data Source: Central Veterinary Research Laboratory (CVRL), Public Health Laboratory, Cherry Orchard Hospital (PHL), Veterinary Public Health Research Laboratory (VPHRL).

Food Type	Sampling Site	RTE	Batch/Single	Samples	Samples	%
Other foods		Status	Sample	Tested	Positive	Positive
	Ro	outine Samp	oling			
Bakery Products	Catering	RTE	Single	6	0	0
		NS	Batch	2	0	0
			Single	51	0	0
	Hospital	NS	Single	6	0	0
	Processing plant	NS	Batch	1	1	100
			Single	5	0	0
	Retail	RTE	Single	10	0	0
		NS	Single	11	0	0
	Unspecified	NS	Single	2	0	0
Beverages non-alcoholic	Wholesale	NS	Single	6	0	0
Cheeses made from cows'	Catering	RTE	Single	9	0	0
milk		NS	Single	12	0	0
	Hospital	NS	Single	1	0	0
	Processing	RTE	Batch	15	5	33.3
			Single	1	0	0
		Raw	Batch	43	13	30.2
		NS	Batch	44	5	11.4
	Retail	RTE	Single	1	0	0
		NS	Single	8	0	0
	Unspecified	NS	Single	1	0	0
Cheeses made from goats'	Catering	RTE	Single	1	0	0
milk		NS	Single	1	0	0
	Hospital	RTE	Single	1	0	0
	Processing	RTE	Batch	10	0	0
		Raw	Batch	7	1	14.3
Cheeses made from sheep's	Processing	Raw	Batch	6	2	33.3
milk	Duccosing	NC	Cinala	1	0	0
Chocolate	Processing	NS	Single	1	0	0
	Retail	NS	Single	3	0	0
Confectionary products and pastes	Catering	NS	Single	1	0	0
Crustaceans	Catering	Cooked	Single	3	0	0
Dairy products (excl.	Catering	RTE	Single	2	0	0
cheeses)	_	NS	Batch	1	0	0
			Single	11	0	0
	Hospital	RTE	Single	1	0	0
		NS	Single	1	0	0
	Processing	Raw	Batch	2	1	50
		NS	Batch	235	63	26.8
			Single	1	0	0
	Retail	RTE	Single	3	0	0
		NS	Single	3	0	0
Egg products	Catering	NS	Single	16	0	0
	Hospital	NS	Single	8	0	0
	Processing	NS	Single	3	0	0
	Retail	NS	Single	21	0	0
Eggs	Catering	NS	Single	2	0	0

Table 2: Salmonella spp. in other foods.

Faced Trues	Commilian City	RTE	Batch/Single	Samples	Samples	%
Food Type	Sampling Site	Status	Sample	Tested	Positive	Positive
Fish	Catering	NS	Single	6	0	0
	Hospital	NS	Single	2	0	0
	Processing	NS	Single	1	0	0
	Retail	NS	Single	3	0	0
	Unspecified	NS	Batch	3	0	0
			Single	7	0	0
Fishery products,	Catering	NS	Single	27	0	0
unspecified	Hospital	NS	Single	2	0	0
	Processing	NS	Single	1	0	0
	Retail	NS	Single	29	0	0
	Unspecified	NS	Single	5	0	0
Fruits	Catering	RTE	Single	3	0	0
	_	NS	Single	10	0	0
	Hospital	Purée	Single	1	0	0
		NS	Single	1	0	0
	Processing	NS	Batch	6	0	0
			Single	1	0	0
	Retail	RTE	Batch	1	0	0
			Single	5	0	0
		NS	Single	5	0	0
	Unspecified	NS	Single	1	0	0
Fruits and vegetables	Catering	RTE	Single	2	0	0
0	U	NS	Single	4	0	0
	Hospital	RTE	Single	1	0	0
	Processing	RTE	Single	1	0	0
	5	NS	Single	3	0	0
	Retail	RTE	Single	3	0	0
		NS	Single	6	0	0
Infant formula	Processing	NS	Batch	139	34	24.5
	Unspecified	NS	Single	1	0	0
Juice	Catering	NS	Single	1	0	0
	Processing	NS	Batch	6	0	0
	Retail	NS	Single	2	0	0
	Wholesale	RTE	Single	1	0	0
Live bivalve molluscs	Processing	NS	Batch	3	0	0
			Single	1	0	0
	Unspecified	NS	Batch	12	0	0
	onspecifica		Single	7	0	0
Milk, cows'	Processing	NS	Batch	3	1	33.3
,	Retail	NS	Single	1	0	0
	Unspecified	NS	Single	1	0	0
Milk, goats'	Processing	NS	Batch	2	0	0
Molluscan shellfish	Catering	NS	Batch	1	0	0
			Single	2	0	0
	Processing	Cooked	Batch	1	0	0
		Raw	Batch	1	0	0
		NS	Ratch	1		
		NS	Batch	1	0	0
	Retail	NS NS	Batch Single Batch	1 3 1	0	0

e de la co		RTE	Batch/Single	Samples	Samples	%
Food Type	Sampling Site	Status	Sample	Tested	Positive	Positive
			Single	1	0	0
		NS	Batch	8	0	0
			Single	13	0	0
Nuts and nut products	Catering	NS	Single	1	0	0
-	Retail	NS	Single	4	0	0
	Unspecified	NS	Batch	1	0	0
			Single	5	0	0
Other food	Retail	NS	Single	1	0	0
Other processed food	Catering	RTE	Single	126	0	0
products and prepared		NS	Batch	2	0	0
dishes			Single	61	0	0
	Hospital	RTE	Single	12	0	0
		NS	Batch	1	0	0
			Single	6	0	0
	Processing	RTE	Batch	1	0	0
	_		Single	22	0	0
		NS	Batch	21	5	23.8
			Single	31	0	0
	Retail	RTE	Batch	2	0	0
			Single	65	0	0
		NS	Single	42	0	0
	Unspecified	RTE	Batch	1	0	0
			Single	3	0	0
		NS	Single	22	0	0
	Wholesale	NS	Single	2	0	0
Ready-to-eat salads	Catering	NS	Batch	5	0	0
	_		Single	255	0	0
	Hospital	NS	Batch	2	0	0
			Single	23	0	0
	Processing	NS	Batch	7	1	14.3
			Single	12	0	0
	Retail	NS	Batch	6	0	0
			Single	234	0	0
	Unspecified	NS	Batch	2	0	0
			Single	9	0	0
Sauce and dressings	Catering	NS	Single	7	0	0
	Processing	NS	Single	1	0	0
	Retail	NS	Single	1	0	0
Seeds, dried	Retail	NS	Single	1	0	0
Seeds, sprouted	Processing	NS	Batch	13	0	0
Soups	Catering	NS	Single	8	0	0
	Hospital	NS	Single	2	0	0
	Processing	NS	Single	3	0	0
	Retail	NS	Single	1	0	0
Spices and herbs	Catering	NS	Batch	1	0	0
			Single	58	0	0
	Hospital	NS	Single	8	0	0
	Processing	NS	Single	3	0	0
	Retail	RTE	Single	4	0	0
		NS	Single	625	6	1

Food Type	Sampling Site	RTE	Batch/Single	Samples	Samples	%
Food Type	Sampling Site	Status	Sample	Tested	Positive	Positive
	Unspecified	NS	Single	34	0	0
	Wholesale	NS	Batch	7	0	0
			Single	29	0	0
Vegetables	Catering	Cooked	Single	7	0	0
		RTE	Single	20	0	0
		NS	Batch	2	0	0
			Single	35	0	0
	Hospital	Cooked	Single	1	0	0
		RTE	Single	1	0	0
		NS	Single	6	0	0
	Processing	RTE	Batch	1	0	0
	_	NS	Batch	26	2	7.7
			Single	19	0	0
	Retail	Cooked	Single	3	0	0
		RTE	Single	13	0	0
		NS	Single	17	0	0
	Unspecified	Cooked	Batch	1	0	0
		RTE	Single	2	0	0
		NS	Batch	1	0	0
			Single	2	0	0
Water	Processing	NS	Single	4	0	0
	Unspecified	NS	Batch	1	0	0
	0.00000	Total	20000	2886	139	4.8
	Si	ispect Samp	oling			
Bakery products	Catering	NS	Single	12	0	0
bakery products	Processing	NS	Single	1	0	0
	Retail	NS	Single	5	0	0
Chesses made from cows'	Catering	RTE	Single	1	0	0
milk	catering	NS	Single	6	0	0
	Hospital	NS	Single	1	0	0
	Retail	RTE	Single	2	0	0
	Recan	NS	Single	1	0	0
Crustaceans	Catering	Raw	Single	1	0	0
Dairy products (excl.	Catering	RTE	Single	1	0	0
cheeses)	Catering	NS	Single	2	0	0
enecses	Retail	RTE	Batch	1	0	0
	Recall	NS	Single	4	0	0
	Unspecified	NS	Single	3	0	0
Egg products	Catering	NS	Single	1	0	0
-99 hi ouncis	Hospital	NS	Single	1	0	0
Eggs	Catering	NS	Single	1	0	0
-65'	Retail	NS	Single	2	0	0
Fish	Catering	NS	Single	2	0	0
1 1311	Hospital	NS	Single	1	0	0
	Retail	NS		2	0	0
Fishery products,		NS	Single	<u> </u>	0	0
unspecified	Catering		Single			
Foodstuffs intended for special nutritional uses	Retail	NS	Single	5	0	0
Fruits	Hospital	Purée	Single	1	0	0
			. v			

		RTE	Batch/Single	Samples	Samples	%
Food Type	Sampling Site	Status	Sample	Tested	Positive	Positive
	Processing	NS	Single	1	0	0
	Retail	NS	Single	2	0	0
Fruits and vegetables	Retail	RTE	Single	1	0	0
Infant formula	Unspecified	NS	Single	1	0	0
Juice	Retail	NS	Single	1	0	0
Milk, cows'	Hospital	NS	Single	1	0	0
	Retail	NS	Single	2	0	0
	Unspecified	NS	Single	1	0	0
Molluscan shellfish	Catering	NS	Single	1	0	0
Other processed food	Catering	RTE	Single	43	0	0
products and prepared		NS	Single	8	0	0
dishes	Hospital	NS	Single	2	0	0
	Processing	RTE	Single	3	0	0
		NS	Single	2	0	0
	Retail	RTE	Single	6	0	0
		NS	Single	2	0	0
		Raw	Single	1	0	0
	Unspecified	RTE	Single	3	0	0
		NS	Single	1	0	0
Ready-to-eat salads	Catering	NS	Single	6	0	0
	Processing	NS	Single	2	0	0
	Retail	NS	Single	2	0	0
	Unspecified	NS	Single	1	0	0
Sauces and dressings	Catering	NS	Single	1	0	0
	Retail	NS	Single	1	0	0
Soups	Catering	NS	Single	5	0	0
	Retail	NS	Single	1	0	0
Spices and herbs	Catering	NS	Singles	1	0	0
Vegetables	Catering	Cooked	Single	6	0	0
		RTE	Single	3	0	0
		NS	Single	22	0	0
	Processing	NS	Single	3	0	0
	Retail	Cooked	Single	1	0	0
		NS	Single	1	0	0
	Unspecified	NS	Single	1	0	0
		Total		204	0	0
				Samples	Samples	%
				Tested	Positive	Positive
	Ov	erall Total		3091	140	4.5
	Total Routin	•		2887	140	4.8
Consisting o				-	-	-
	Total Cooked	Batch		3	0	0
		Single		15	0	0
	Total NS	Batch		566	112	19.8
		Single		1893	6	0.3
	Total Raw	Batch		59	17	28.8
		Single		0	0	0
	Total RTE	Batch		31	5	16.1
		Single		319	0	0

Food Type	Sampling Site	RTE Status	Batch/Single Sample	Samples Tested	Samples Positive	% Positive
	Total Purée	Batch		0	0	0
		Single		1	0	0
	Total Suspec	t Samples		204	0	0
	Con	sisting of:				
	Total Cooked			0	0	0
		Single		7	0	0
	Total NS	Batch		129	0	0
		Single		1	0	0
	Total Raw	Batch		0	0	0
	S			2	0	0
	Total RTE			1	0	0
Sin		Single		63	0	0
	Total Purée Ba			0	0	0
		Single		1	0	0

Abbreviations - RTE: Ready-to-Eat, NS: Not-Specified

Data Source: Dairy Science Laboratory (DSL), Public Health Laboratory, Cherry Orchard Hospital (PHL), Sea Fisheries Protection Agency (SFPA), Veterinary Public Health Research Laboratory (VPHRL)

Food sample	Number of positive samples	Salmonella serotypes
	Routine Samplin	ng
Bakery products	1	Salmonella spp. (n=1)
Cheeses	26	Salmonella spp. (n=26)
Dairy products (excl. cheeses)	64	Salmonella spp. (n=64)
Infant formula	34	Salmonella spp. (n=34)
Broilers	3	Salmonella spp. (n=3)
Duck	3	Salmonella spp. (n=3)
Turkey	1	Salmonella Derby (n=1)
Milk	1	Salmonella spp. (n=1)
Other processed foods and prepared dishes	5	Salmonella spp. (n=5)
Ready-to-eat salads	1	Salmonella spp. (n=1)
Spices & herbs	5	Salmonella spp. (n=4)
Spices & herbs	5	Salmonella Infantis. (n=1)
Vegetables	2	Salmonella spp. (n=2)
	Suspect Samplin	ng
Mixed Meat	1	S. Brandenburg (n=1)
	147	Salmonella spp. (n=144) Salmonella Derby (n=1) Salmonella Infantis. (n=1) S. Brandenburg (n=1)

Table 3: Salmonella serotypes in meat and other foods.

Data Source: Central Veterinary Research Laboratory (CVRL)