



**Wisconsin Veterinary
Diagnostic Laboratory**
UNIVERSITY OF WISCONSIN-MADISON

**All *Salmonella enterica* subspecies *enterica* serotypes/serogroups
identified in 2022**

2022 <i>Salmonella</i> Serotypes Isolated	All Species	Bovine	Avian	Equine	Other ¹
Group B*	144	45	88	1	10
<i>SALMONELLA</i> AGONA	62	5	42	12	3
<i>SALMONELLA</i> SCHWARZENGRUND	35	2	32	1	0
<i>SALMONELLA</i> TYPHIMURIUM	59	49	7	1	2
<i>SALMONELLA</i> HEIDELBERG	4	4	0	0	0
<i>SALMONELLA</i> BRANDENBURG	4	2	0	0	2
<i>SALMONELLA</i> SAINTPAUL	0	0	0	0	0
<i>SALMONELLA</i> READING	1	1	0	0	0
<i>SALMONELLA</i> KIAMBU	1	0	1	0	0
<i>SALMONELLA</i> MONOPHASIC ²	17	13	1	1	2
NON-MOTILE <i>SALMONELLA</i>	1	0	1	0	0
Total	184	76	84	15	9
Group C1*	57	47	8	0	2
<i>SALMONELLA</i> INFANTIS	7	3	4	0	0
<i>SALMONELLA</i> BRAENDERUP	3	0	3	0	0
<i>SALMONELLA</i> OTHMARSCHEN	1	1	0	0	0
<i>SALMONELLA</i> MONTEVIDEO	143	137	2	0	4
<i>SALMONELLA</i> THOMPSON	1	1	0	0	0
<i>SALMONELLA</i> HARTFORD	0	0	0	0	0
<i>SALMONELLA</i> MBANDAKA	9	5	3	0	1
<i>SALMONELLA</i> LIVINGSTONE	0	0	0	0	0
<i>SALMONELLA</i> NORWICH	0	0	0	0	0
<i>SALMONELLA</i> ORANIENBURG	1	0	1	0	0
<i>SALMONELLA</i> BAREILLY	1	0	0	1	0
<i>SALMONELLA</i> LUBBOCK	1	1	0	0	0
Total	169	150	13	1	5

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Group C2-C3*	287	21	264	0	2
SALMONELLA KENTUCKY	280	7	273	0	0
SALMONELLA LITCHFIELD	3	3	0	0	0
SALMONELLA NEWPORT	27	23	0	1	3
SALMONELLA MUENCHEN	5	3	0	0	2
SALMONELLA HADAR	0	0	0	0	0
SALMONELLA BARDO	0	0	0	0	0
SALMONELLA BOVISMORBIFICANS	3	3	0	0	0
SALMONELLA HIDALGO	1	0	0	0	1
SALMONELLA MONOPHASIC ³	0	0	0	0	0
Total	319	39	273	1	6
Group D*	139	137	2	0	0
SALMONELLA PANAMA	5	5	0	0	0
SALMONELLA DUBLIN	130	130	0	0	0
SALMONELLA ENTERITIDIS	6	0	2	0	4
SALMONELLA OUAKAM	9	0	8	0	1
SALMONELLA PANAMA/HOUSTON ⁴	0	0	0	0	0
NON-MOTILE SALMONELLA	2	2	0	0	0
Total	154	138	11	0	5
Group E*	141	61	61	1	18
SALMONELLA MELEAGRIDIS	10	10	0	0	0
SALMONELLA MUENSTER	11	11	0	0	0
SALMONELLA SENFTENBERG	47	1	46	0	0
SALMONELLA UGANDA	15	7	3	0	5
SALMONELLA GIVE	12	10	2	0	0
SALMONELLA ANATUM	29	25	2	1	1
SALMONELLA ORION	3	3	0	0	0
SALMONELLA KOUKA	4	2	0	0	2
SALMONELLA CANNSTATT	12	7	0	0	5
SALMONELLA LIVERPOOL	13	3	9	0	1
SALMONELLA LONDON	2	1	0	0	1
SALMONELLA SCHOENEBERG	1	0	1	0	0
SALMONELLA KOUKA/CANNSTATT ⁴	0	0	0	0	0
SALMONELLA MONOPHASIC	1	1	0	0	0
Total	161	81	63	1	16

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Group G*	8	1	7	0	0
SALMONELLA AGBENI	1	0	0	1	0
SALMONELLA CUBANA	2	1	1	0	0
SALMONELLA HAVANA	4	0	4	0	0
SALMONELLA WORTHINGTON	2	1	1	0	0
SALMONELLA IDIKAN	3	2	1	0	0
Total	12	4	7	1	0
Group I*	13	13	0	0	0
SALMONELLA BARRANQILLA	7	7	0	0	0
Total	7	7	0	0	0
Group K*	89	82	0	0	7
SALMONELLA CERRO	179	170	0	0	9
Total	179	170	0	0	9
Group L	0	0	0	0	0
SALMONELLA RUIRU	0	0	0	0	0
SALMONELLA MINNESOTA	13	13	0	0	0
Total	13	13	0	0	0
Group M	0	0	0	0	0
SALMONELLA NIMA	1	1	0	0	0
SALMONELLA POMONA	1	1	0	0	0
Total	2	2	0	0	0
Group N	0	0	0	0	0
Total	0	0	0	0	0
Group O*	2	0	2	0	0
SALMONELLA ADELAIDE	0	0	0	0	0
SALMONELLA ALACHUA	15	0	14	0	1
Total	15	0	14	0	1
Group R	0	0	0	0	0
SALMONELLA JOHANNESBURG	1	0	1	0	0
Total	1	0	1	0	0
Untyped/Ungrouped	20	1	11	0	8
TOTALS ACROSS ALL GROUPS	1236	681	477	19	59

*Refers to *Salmonella* that was grouped but not serotyped.

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¹Other Includes Canine, Porcine, Caprine, Cervidae, Ovine, and Serpentes, unspecified. (raccoon)

² *Salmonella* 4,[5],12:i:- is believed to be the monophasic variant of *Salmonella* ser. Typhimurium. Monophasic *Salmonella* ser. Typhimurium cannot be confirmed at the WVDL due to a lack of sera needed to perform confirmation.

³ *Salmonella* 8:-:z6 most likely Kentucky

⁴ Unable to differentiate at WVDL due to lack of sera needed to perform confirmation.

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