

Appendix 1

Frequency tables for distribution of 388 sheep examined for brucellosis according to potential risk factors

Governorate	Frequency	Percent	Cumulative Percent
Umdurman	94	24.2	24.2
Khartoum north	244	62.9	87.1
Khartoum	50	12.9	100.0
Total	388	100.0	

locality	Frequency	Percent	Cumulative Percent
Bahary	85	21.9	21.9
Umbeda	10	2.6	24.5
Karary	84	21.6	46.1
Sharg elneel	159	41.0	87.1
Jabal awlia	50	12.9	100.0
Total	388	100.0	

occupation	Frequency	Percent	Cumulative Percent
governorate officer	86	22.2	22.2
trader	129	33.2	55.4
farmer	173	44.6	100.0
Total	388	100.0	

education	Frequency	Percent	Cumulative Percent
khalwa	104	26.8	26.8
high secondary	64	16.5	43.3
primery	92	23.7	67.0
univercity	112	28.9	95.9
illiterate	16	4.1	100.0
Total	388	100.0	

sex	Frequency	Percent	Cumulative Percent
female	338	87.1	87.1
male	50	12.9	100.0
Total	388	100.0	

age	Frequency	Percent	Cumulative Percent
<2 year	121	30.9	30.9
2 - 4 year	168	42.8	73.7
>4 year	99	26.3	100.0
Total	388	100.0	

type of herd	Frequency	Percent	Cumulative Percent
mixed	313	80.7	80.7
pure	75	19.3	100.0
Total	388	100.0	

breed source	Frequency	Percent	Cumulative Percent
within farm	12	3.1	3.1
local market	351	90.5	93.6
cross	25	6.4	100.0
Total	388	100.0	

k n o w brucellosis	Frequency	Percent	Cumulative Percent
yes	254	65.5	65.5
no	134	34.5	100.0
Total	388	100.0	

abortion cases	Frequency	Percent	Cumulative Percent
no	195	50.3	50.3
yes	193	49.7	100.0

Total	388	100.0	
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source of green fodder	Frequency	Percent	Cumulative Percent
from market	111	28.6	28.6
grazing land	219	56.4	85.1
cut it from the farm	58	14.9	100.0
Total	388	100.0	

water source	Frequency	Percent	Cumulative Percent
wells	128	33.0	33.0
common canal	212	54.6	87.6
tape water	48	12.4	100.0
Total	388	100.0	

herd size	Frequency	Percent	Cumulative Percent
small	312	80.4	80.4
large	76	19.6	100.0
Total	388	100.0	

