

Table S1. Distribution of continuous variables and univariable analysis by Kruskal Wallis test.

Outcome variable	Independent variable	Median (interquarter range)	<i>p</i> -value
Bovine norovirus			
Pos (<i>n</i> = 50)	Calf age (days)	7 (5–12)	<0.001 ^e
	No. of calves ^a	20 (12–30)	<0.01
	Calf density ^b	0.23 (0.17–0.27)	0.06
	Calf mortality ^c	0 (0–1.0)	<0.05
	Cow-years	78 (63–110)	0.10
	Milk production ^d	9300 (8943–9840)	0.16
Neg (<i>n</i> =200)	Calf age (days)	16 (8–33)	
	No. of calves	14 (9–24)	
	Calf density	0.20 (0.12–0.25)	
	Calf mortality	0 (0–1.0)	
	Cow-years	75 (63–94)	
	Milk production	9550 (8900–10000)	
Nebovirus			
Pos (<i>n</i> = 13)	Calf age (days)	21 (11–38)	0.12
	No. of calves	9 (8–24)	0.35
	Calf density	0.18 (0.17–0.24)	0.94
	Calf mortality	0 (0–1.0)	0.93
	Cow-years	65 (48–99)	0.20
	Milk production	9350 (9300–9600)	0.70
Neg (<i>n</i> = 237)	Calf age (days)	13 (6–27)	
	No. of calves	15 (9–24)	
	Calf density	0.21 (0.15–0.26)	
	Calf mortality	0 (0–1.0)	
	Cow-years	75 (63–99)	
	Milk production	9500 (8900–10000)	
Diarrhea at sampling			
Pos (<i>n</i> = 36)	Calf age (days)	12 (8–19)	0.60
	No. of calves	22 (12–28)	0.05
	Calf density	0.24 (0.17–0.27)	<0.05
	Calf mortality	0 (0–1.0)	0.82
	Cow-years	78 (64–100)	0.32
	Milk production	9200 (8600–10000)	0.20
Neg (<i>n</i> = 214)	Calf age (days)	14 (6–30)	
	No. of calves	14 (9–24)	
	Calf density	0.20 (0.12–0.25)	
	Calf mortality	0 (0–1.0)	
	Cow-years	75 (63–99)	
	Milk production	9500 (8943–10000)	

^aNo. of preweaned calves present at sampling, ^bno. of preweaned calves present at sampling /no. of cow-years, ^cno. of preweaned calves that died out of the last 20 born alive, ^daverage yearly milk yield kg/cow, ^ecomparison between pos and neg within the same variable

Table S2. Herd size (no. cows), no. of milkfed calves present at sampling, no. of samples from calves available from the previous study [18] and no. of samples analysed in the present study.

Herd	No. cow-years	No. milkfed calves in herd at sampling	No. samples from calves available	No. samples from calves analyzed
1	64	27	10	5
2	80	27	10	5
3	88	19	10	5
4	82	12	10	5
5	77	16	10	5
6	63	3	10	5
7	65	8	10	5
8	55	9	10	5
9	53	9	10	5
10	52	10	10	5
11	60	13	10	5
12	55	30	10	5
13	85	22	10	5
14	48	8	10	5
15	145	37	10	5
16	94	9	10	5
17	99	24	10	5
18	110	30	10	5
19	54	13	10	5
20	74	23	10	5
21	64	12	10	5
22	95	21	10	5
23	245	52	10	5
24	50	8	10	5
25	93	24	10	5
26	54	9	10	5
27	120	32	10	5
28	70	12	10	5

29	100	11	10	5
30	65	2	10	5
31	60	6	10	5
32	63	13	10	5
33	63	16	10	5
34	78	8	10	5
35	64	15	10	5
36	68	8	10	5
37	75	9	10	5
38	111	30	10	5
39	80	17	10	5
40	50	9	10	5
41	100	24	10	5
42	70	6	10	5
43	90	25	10	5
44	120	30	10	5
45	75	22	10	5
46	75	15	10	5
47	120	14	10	5
48	135	14	10	5
49	100	27	10	5
50	180	33	10	5