

Online Supplementary Table
Annals of Work Exposure and Health

Archaea and bacteria exposure in Danish livestock farmers

Jakob Hjort Bønløkke¹

Caroline Duchaine²

Vivi Schlünssen^{3,4}

Torben Sigsgaard³

Marc Veillette²

Ioannis Basinas⁵

Correspondence to

Jakob H. Bønløkke, Department of Occupational and Environmental Medicine, Danish Ramazzini Centre, Aalborg University Hospital, Aalborg, Denmark. E-mail: jahb@rn.dk.

Author affiliations

¹Department of Occupational and Environmental Medicine, Danish Ramazzini Centre, Aalborg University Hospital, Aalborg, Denmark.

²CRIUCPQ and Département de Biochimie, microbiologie et bioinformatique, Université Laval, Quebec City, Canada.

³Section of Work, Environment and Health, Department of Public Health, Aarhus University, Denmark.

⁴National Research Center for the Working Environment, Copenhagen, Denmark

⁵Institute of Occupational Medicine, Edinburgh, United Kingdom

Supplementary table 1. Production characteristics of farms participating in the study. Summaries are provided in median (range) values.

Characteristic	Pig farms					Cattle farms (n=26)*	Poultry farms		Mink farms (n=3)
	Farrow-to-finish (n=22)	Farrowing (n=15)	Finishing (n=12)*	Breeding improvement (n=4)	Free-range (n=1)		Broilers (n=1)	Layers, (n=2)	
Workers, n#	4.5 (1-9)	3 (1-13)	3 (1-4)	5.5 (4-11)	4	3 (1-9)	6	4.5 (4-5)	1 (1-2)
Stables, n	10 (3-28)	8 (5-14)	5 (2-9)	7.5 (5-8)	5	4 (3-9)	12	1	14(12-14)
Animals, n									
Sows	465 (148-1200)	670 (310-2200)		477 (250-1150)	680				
Young sows	75 (0-300)	120 (40-450)		260 (100-2000)	200				
Weaners	1825 (450-6000)	2100 (900-10300)	800 (0-2500)	1300 (900-4000)	1500				
Finishers	1950 (600-7000)	50 (0-480)	2030 (600-5700)	1278 (500-2400)	1000				
Boars	5 (2-16)	6 (3-16)		4 (2-5)	3				
Cows						155 (42-470)			
Heifers						75 (0-400)			
Calves						63 (0-240)			
Bulls						0 (0-1)			
Broilers and hens							425000	30700 (16400-45000)	
Mink (breeding stock)									1900 (1800-3100)
Land, hectares	264 (96-850)	168 (0 -550)	240 (90-800)	409 (175-1200)	280	178 (42-530)	370	491 (117- 865)	93 (2-120)

n, number observed; # Only full time employed; * includes 2 farms with pig and beef cattle production activities.