

NIHR Health Protection Research Unit in Emerging and Zoonotic Infections	
What is social media?	
Social media are websites and applications that allow users to share and create content, and to participate in building social networks	
SOCIAL MEDIA EXPLAINED	Twitter
🍠 Twitter – I am eating a cake	A microblogging site
Face Book – I like eating a cake	Statements of 280 characters
in Linked in – My skills include eating a cake	6000 tweets per second
Instagram – Here's a classic pic of the cake I eat Blog – Here's my cake eating experience	>330 million users worldwide
Pinterest – Here's my recipe for the cake Four Square – This is where I am eating the cake	22% of adults in UK (14.6 million) 28% of adults in Ireland (1.3 million)
UNIVERSITY OF LIVERPOOL INSTITUTE OF INFECTIO	N Funded by NH5 Public Health England Health Research













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Discussion and Conclusions

Twitter may be useful in assisting in Lyme disease surveillance.
 It can be analysed in real-time and identify potential disease hotspots
 Can provide a deeper social understanding of owner concerns and behaviour to diseases, and therefore lead to better relationships with them.

Limitations

Substantial risk of false positives How representative are the users? Echo-chambers of members views Data for canine Lyme disease is too small



Perspectives

Such data can guide veterinary public health practitioners in the education of the public about the relative risk that Lyme poses to pets and its mode of transmission.





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