



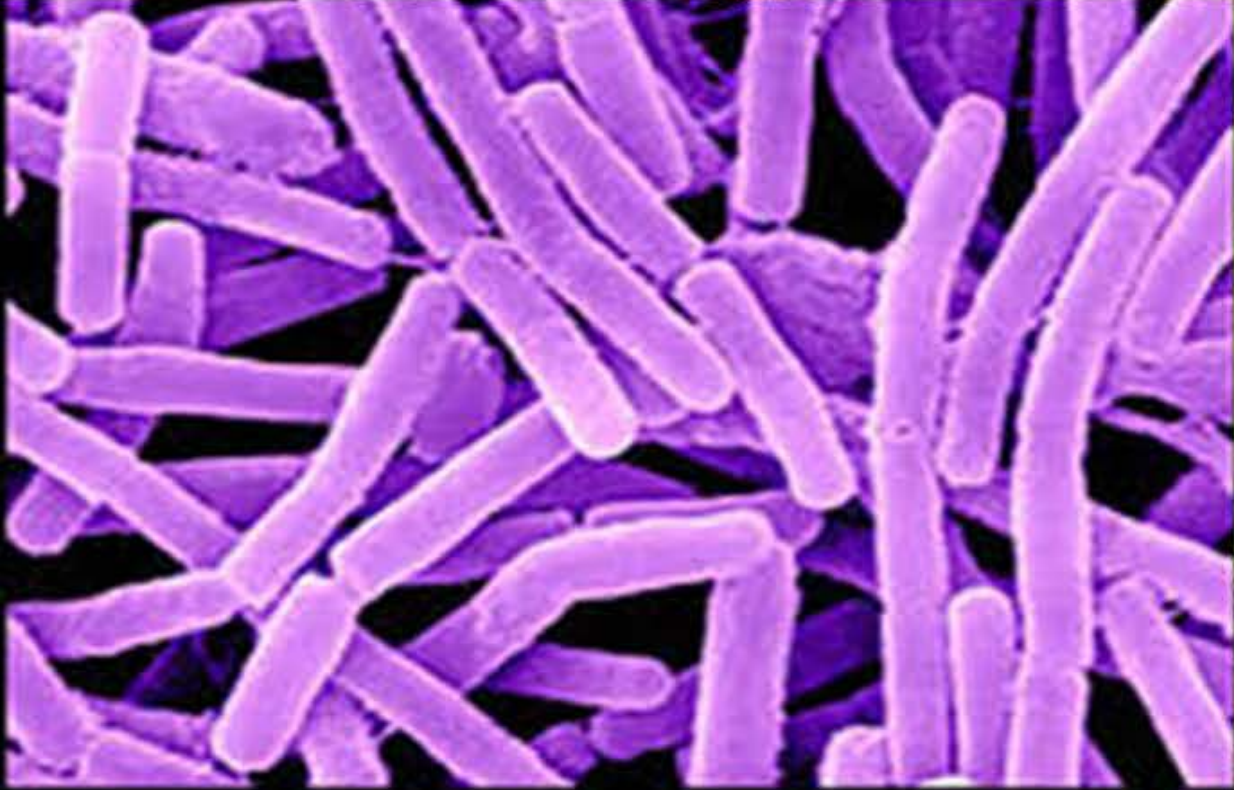
**AUSVET**

## **People and technology in disease surveillance**

Australasia AID Conference 2020

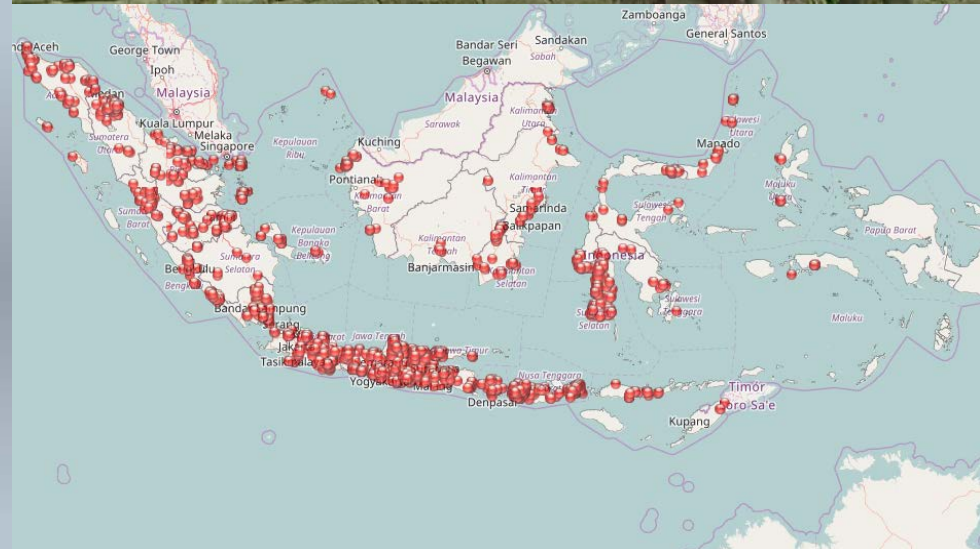
Jonathan Happold





# Indonesia's integrated animal health information system

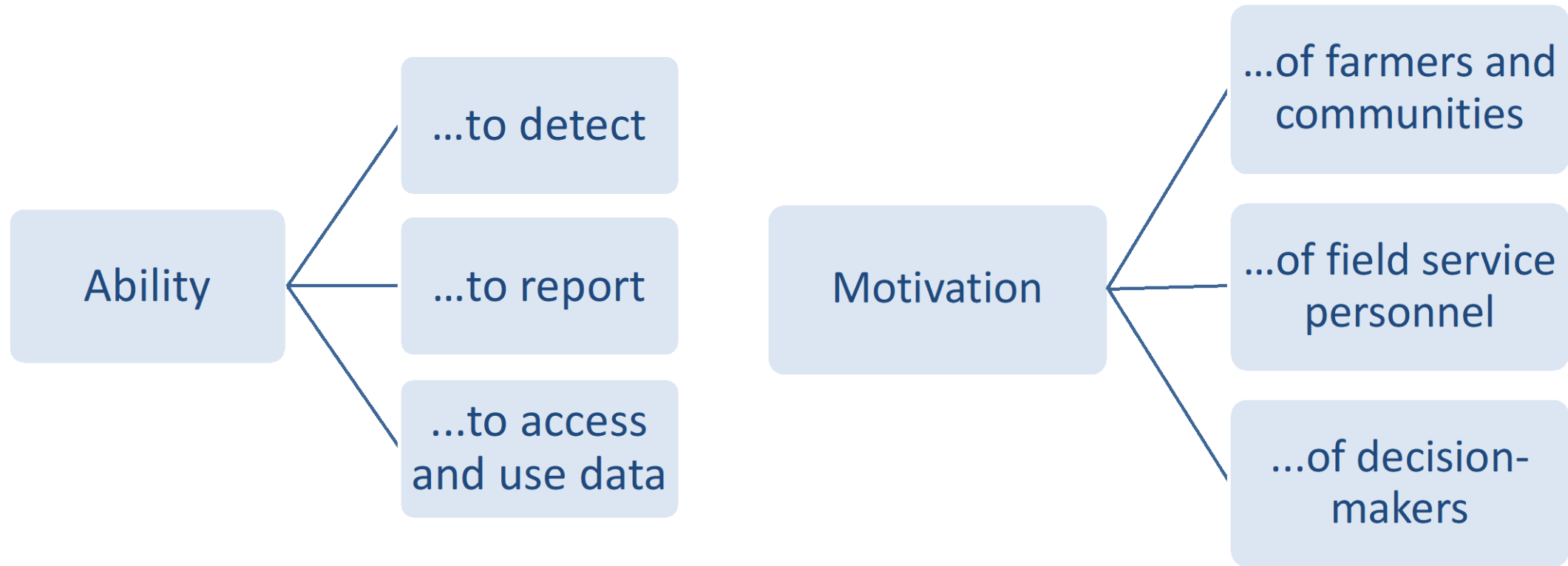


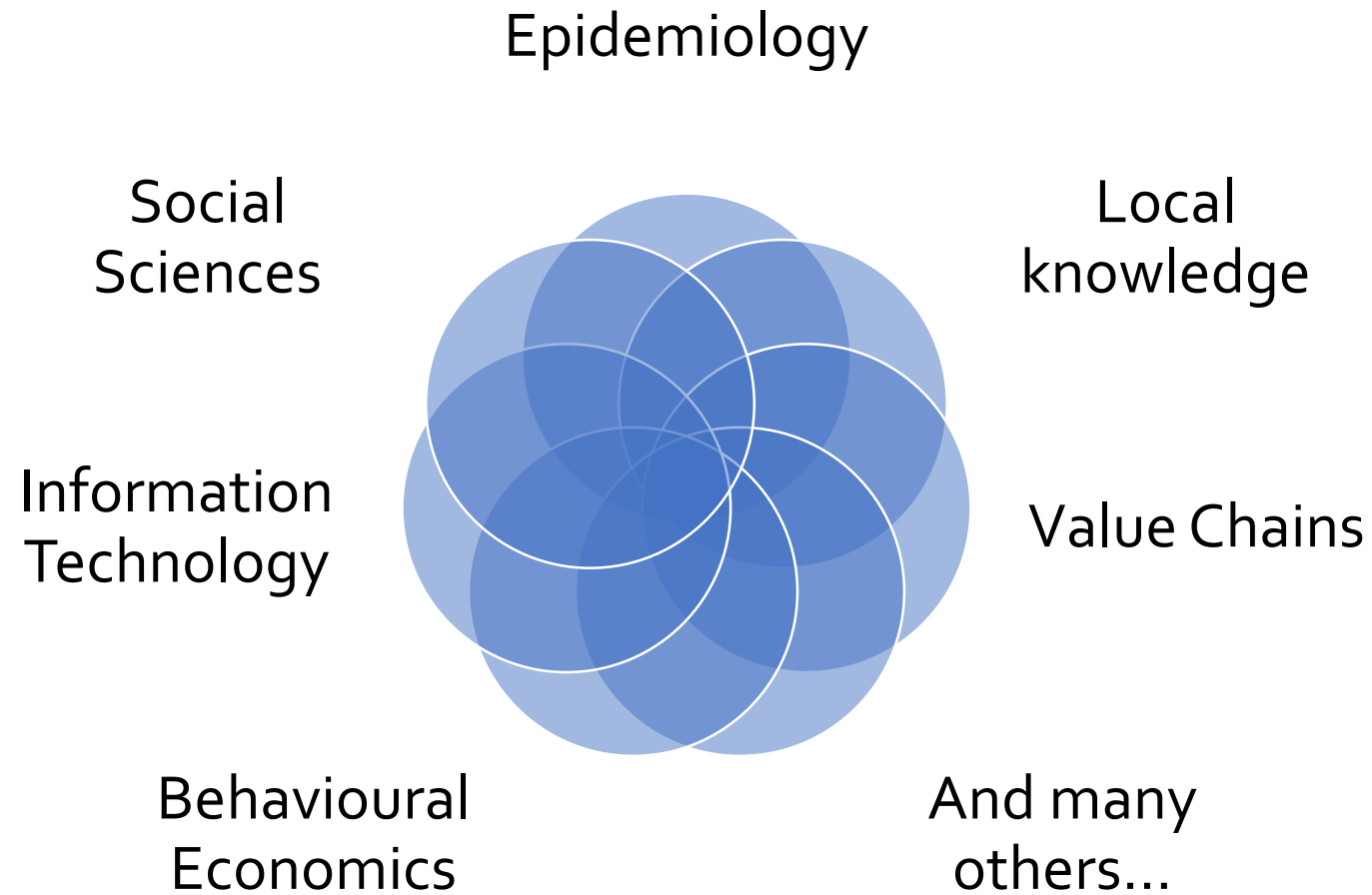


# People and technology in surveillance



# Ability and motivation



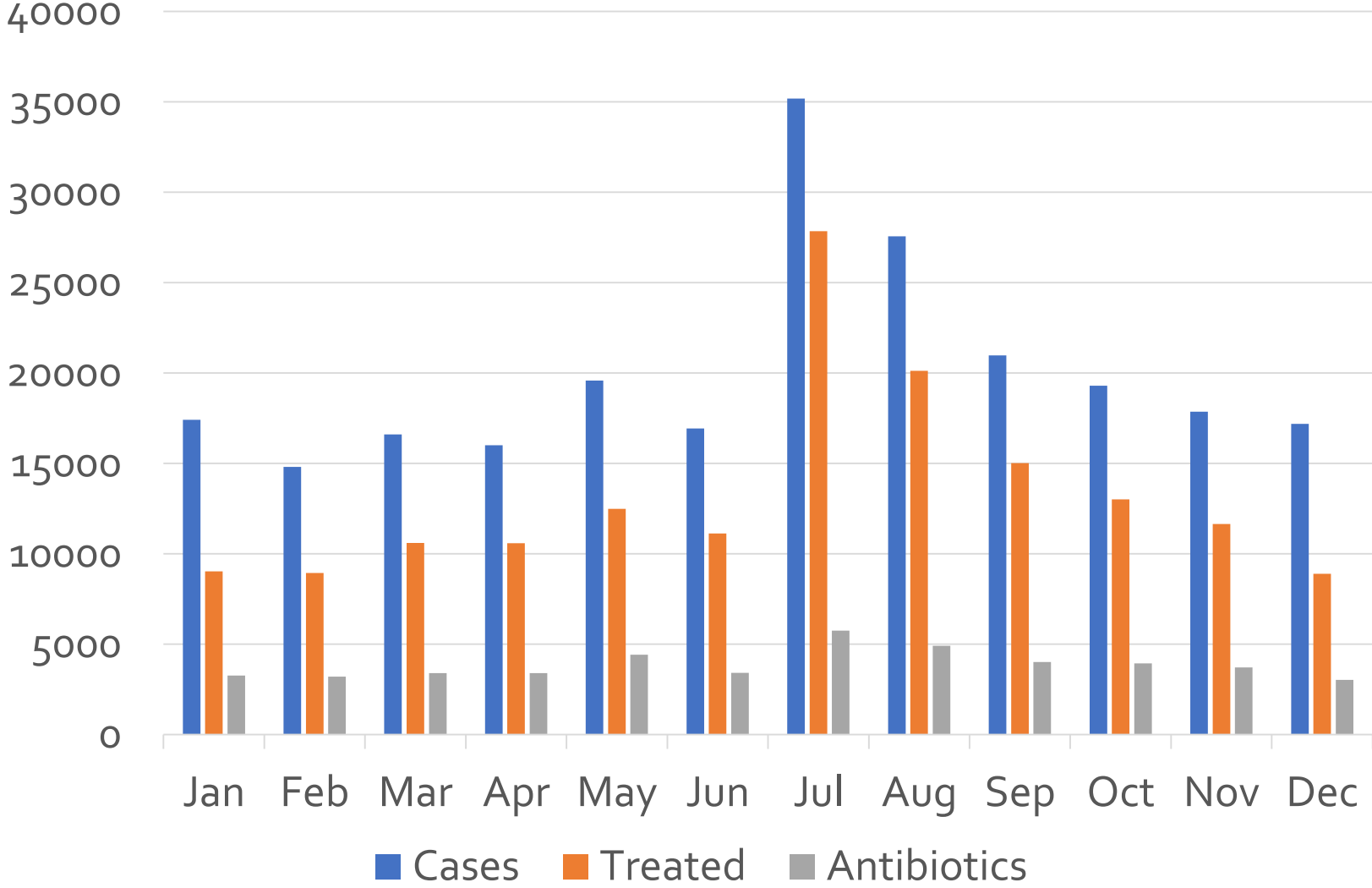


**6 713 901** farmers participating  
**14 887 783** animals identified  
**21 962** users  
**60 000+** field reports per day  
**30** modules  
**50%** districts participating in **2** years  
**92%** districts participating in **4** years

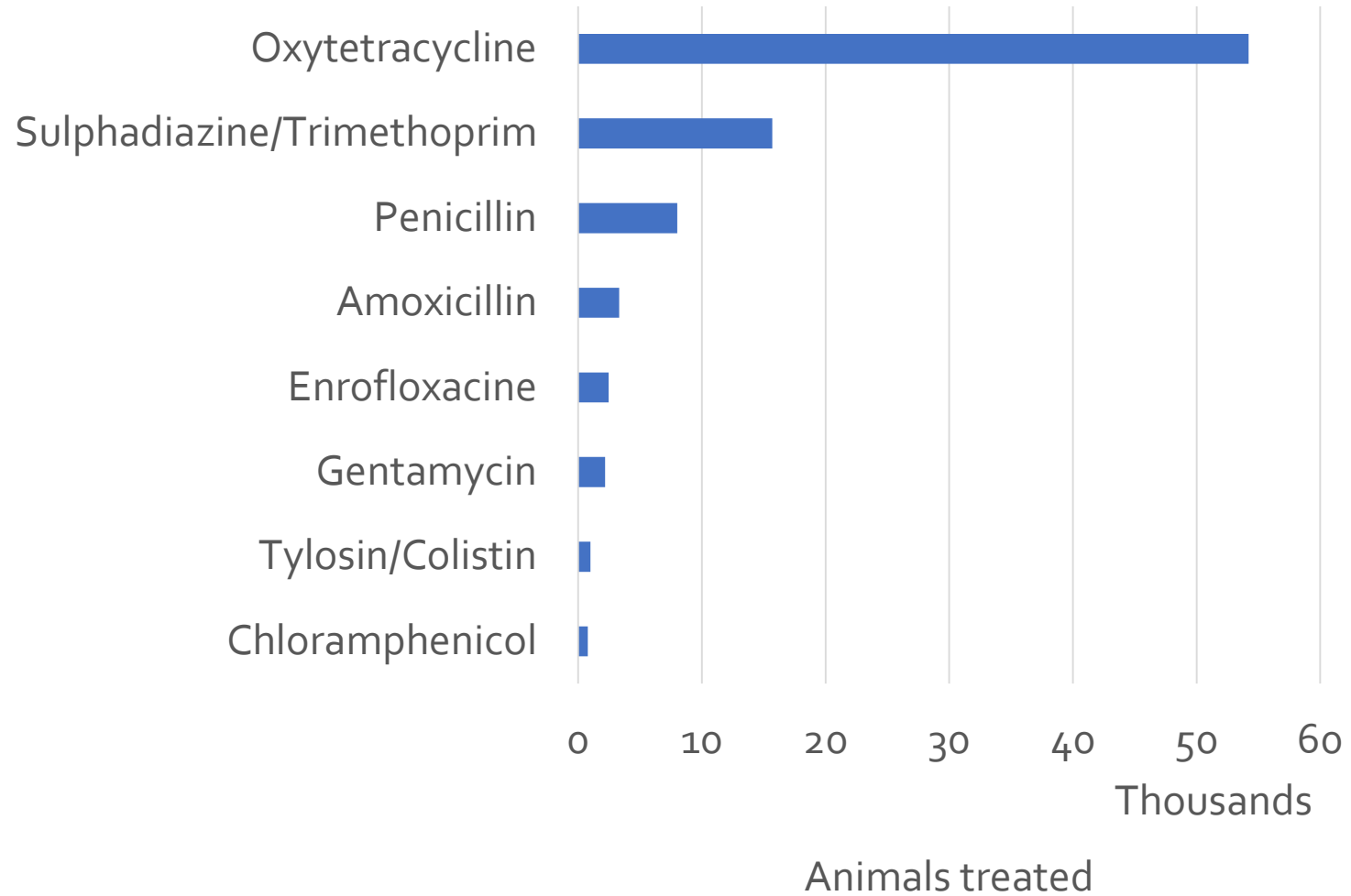




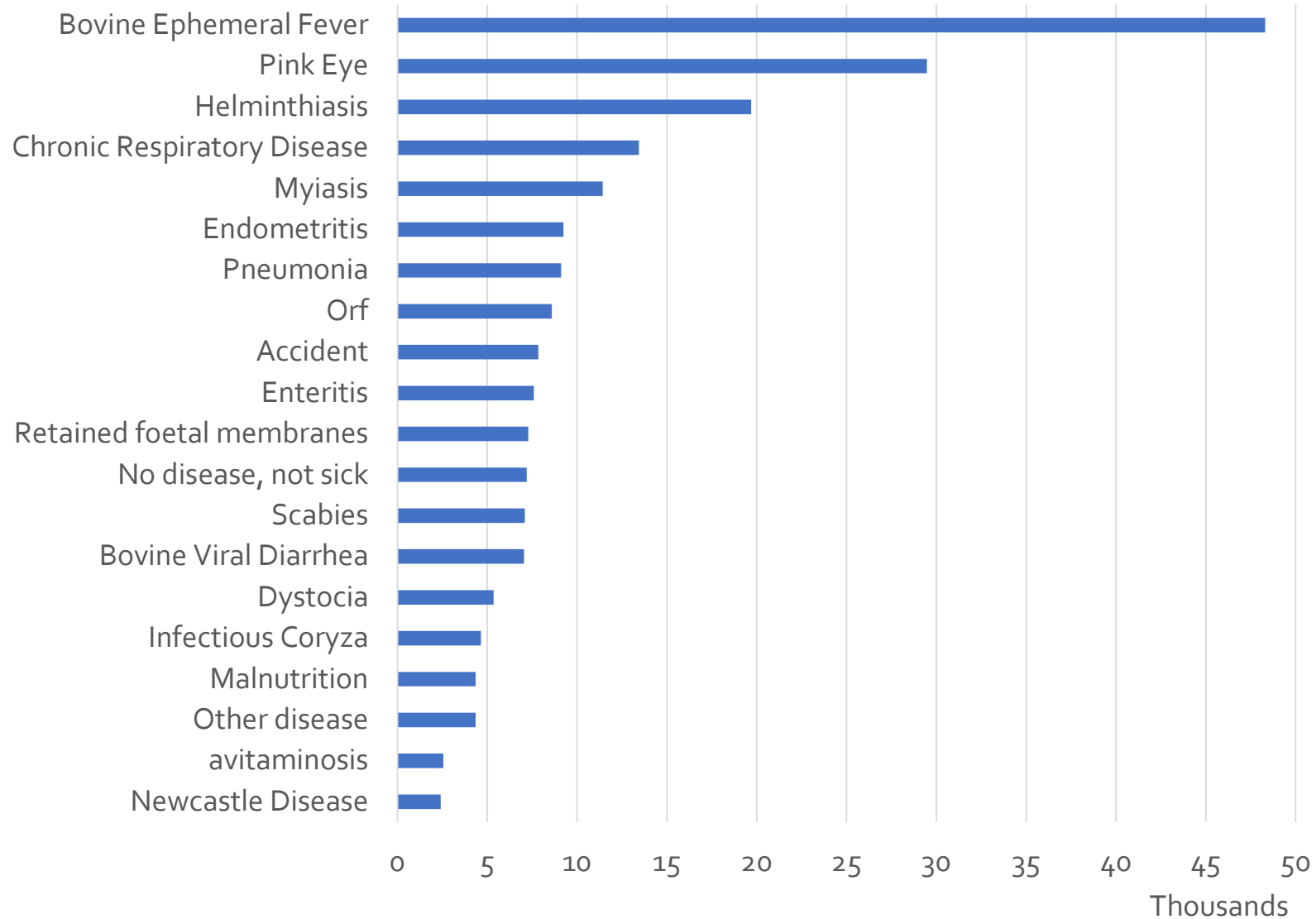
# Cases and treatments – 2019



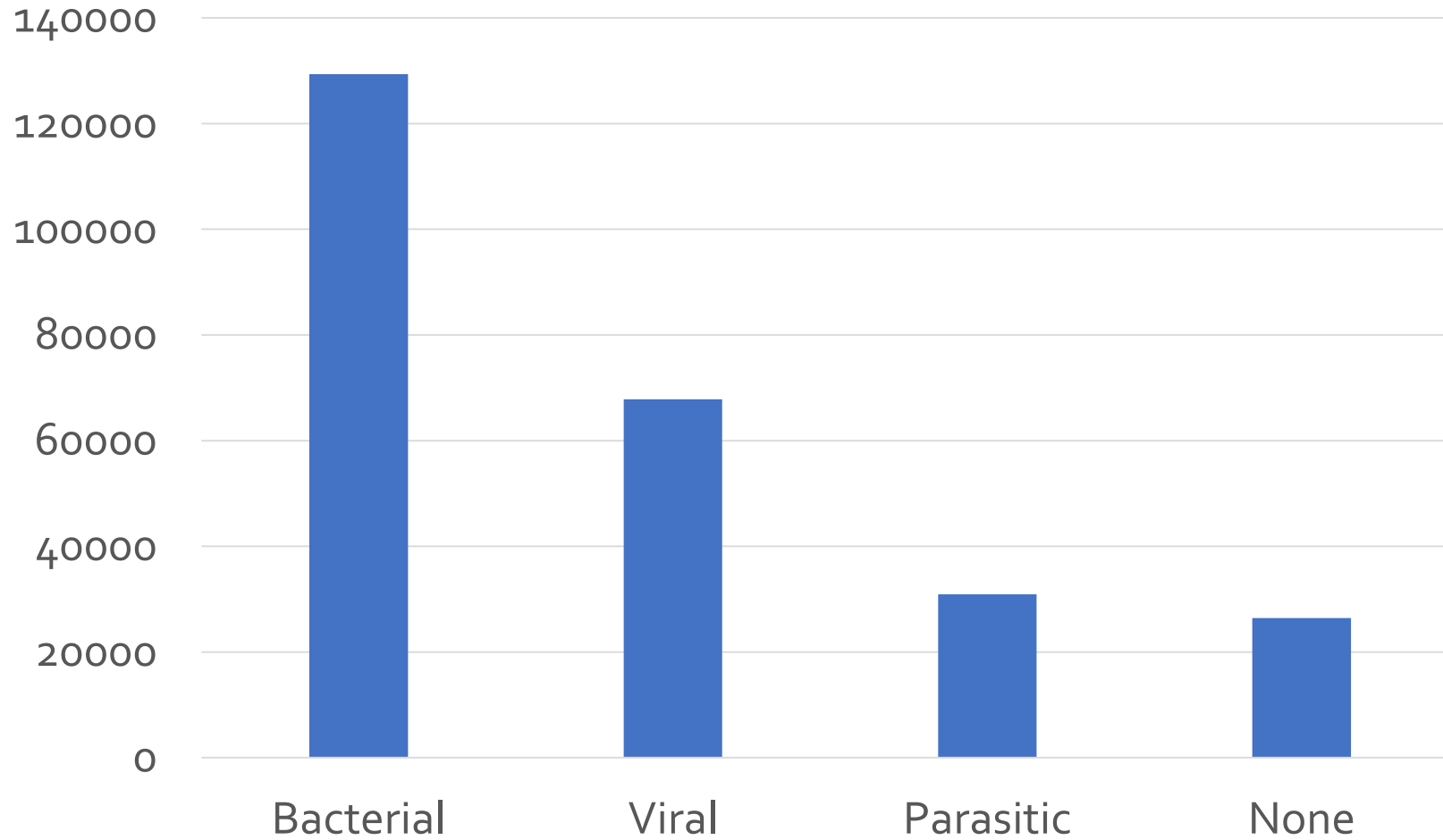
# Top antimicrobial use (2019)



# Oxytetracycline usage – 2019



# Oxytetracycline treatments by disease types



# Who is treating BEF with antibiotics?

Petugas	Kelompok pengguna	Lokasi	Hewan yang diperlakukan	Kumulatif persen	Rank memesan
	Vet Services Vet, Inseminator, Abattoir reporter, Head of dinas vaccination team	Gorontalo, Gorontalo Utara	1645	14	1
	Vet services paravet	Jawa Barat, Purwakarta, Plered, Plered	602	19	2
	Vet Services Vet, Vet services viewer, Head of dinas vaccination team, Head of field vaccination team	Jawa Barat, Purwakarta, Purwakarta, Nagrikaler	557	24	3
	Vet services paravet	Gorontalo, Gorontalo Utara	521	28	4
	Vet Services Vet, Abattoir reporter, Drug inspector	Jawa Barat, Purwakarta	515	33	5
	Vet services paravet, Vet services viewer, data encoder	Jawa Barat, Purwakarta, Babakancikao, Babakancikao	443	37	6
	Vet Services Vet	Jawa Timur, Tuban, Parengan, Brangkal	430	40	7
	Vet services paravet, Vet services viewer, Abattoir viewer	Jawa Barat, Purwakarta, Purwakarta, Nagrikaler	422	44	8
	District coordinator, Vet services paravet	Jawa Barat, Purwakarta, Purwakarta, Nagrikaler	371	47	9
	Vet services paravet, Contract Worker	Jawa Barat, Purwakarta, Purwakarta	332	50	10
	Vet services paravet, Inseminator	Sulawesi Selatan, Pinrang, Mattiro Bulu, Padaidi	320	53	11
	Vet services paravet	Jawa Barat, Purwakarta, Plered,	319	55	12

# Indonesia

**22 000**

animal health field staff

**50%**

of inappropriate oxytetracycline usage for BEF being done by

**10**

staff



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