Antimicrobial Susceptibility Profiles

- Note: The susceptibility information presented below is a summary of data gathered at ISU VDL for the time period listed. The information may be useful to understand susceptibility trends or as an aid in making clinical decisions, but may not be accurate for specific disease situations.
- In vitro antimicrobial test results do not represent therapeutic recommendations from the VDL or personnel therein. Extra/Off label usage of an antimicrobial which is limited/prohibited for certain species may result in legal action by FDA-CVM
- Data is reported as: % susceptible (# isolates tested) – not all bacteria isolated at ISU VDL have been tested for antimicrobial susceptibility

Porcine 2017 **Susceptibility profile of Porcine pathogens received at ISU VDL**

Data reported as: % susceptible (# isolates tested)

Antibiotic	A suis	APP	B bron	E coli	Erys	H ecol	HPS	Pmul A	Pmul D	S suis[5]	Salm B	Salm C1	Salm sp
Ampicillin	98% (376)	96% (93)	7% (41)	29% (547)	100% (23)	22% (1616)	100% (320)	100% (67)	93% (41)	94% (741)	28% (575)	54% (160)	53% (182)
Ceftiofur	100% (376)	100% (93)	0% (41)	54% (547)	100% (23)	62% (1616)	100% (320)	100% (67)	100% (41)	92% (741)	80% (575)	86% (160)	75% (182)
Clindamycin	0% (376)	4% (93)	0% (41)	0% (545)	61% (23)	0% (1615)	30% (320)	0% (67)	0% (41)	18% (741)	0% (575)	0% (160)	0% (182)
Enrofloxacin	100% (376)	97% (93)	98% (41)	72% (547)	91% (23)	75% (1616)	99% (320)	100% (67)	100% (41)	94% (741)	83% (575)	90% (160)	75% (182)
Florfenicol	100% (376)	100% (93)	78% (41)	7% (545)	13% (23)	18% (1615)	100% (320)	100% (67)	100% (41)	99% (741)	16% (575)	39% (160)	32% (182)
Gentamicin	99% (376)	0% (93)	100% (41)	76% (547)	9% (23)	68% (1616)	88% (320)	96% (67)	100% (41)	85% (741)	71% (575)	84% (160)	66% (182)
Neomycin	98% (376)	4% (93)	98% (41)	80% (545)	0% (23)	64% (1615)	63% (320)	96% (67)	100% (41)	34% (741)	69% (575)	87% (160)	74% (182)
Oxytetracycline*	83% (376)	14% (93)	100% (41)	19% (545)	4% (23)	12% (1615)	94% (320)	28% (67)	49% (41)	3% (741)	14% (575)	47% (160)	47% (182)
Penicillin	0% (376)	12% (93)	0% (41)	0% (547)	100% (23)	0% (1616)	65% (320)	76% (67)	90% (41)	77% (741)	0% (575)	0% (160)	0% (182)
Spectinomycin	0% (376)	8% (93)	0% (41)	0% (545)	91% (23)	1% (1615)	93% (320)	0% (67)	0% (41)	10% (741)	0% (575)	0% (160)	0% (182)
Sulfadimethoxine	82% (376)	44% (93)	17% (41)	45% (545)	9% (23)	33% (1615)	85% (320)	39% (67)	37% (41)	28% (741)	8% (575)	40% (160)	16% (182)
Tiamulin	91% (376)	97% (93)	0% (41)	0% (545)	78% (23)	0% (1615)	99% (320)	61% (67)	17% (41)	77% (741)	0% (575)	0% (160)	0% (182)
Tilmicosin	96% (376)	91% (93)	0% (41)	0% (545)	91% (23)	0% (1615)	94% (320)	94% (67)	56% (41)	24% (741)	0% (575)	0% (160)	0% (182)
Trimethoprim/ Sulphamethoxazole	95% (376)	99% (93)	22% (41)	76% (547)	57% (23)	74% (1616)	99% (320)	96% (67)	98% (41)	96% (741)	81% (575)	94% (160)	89% (182)
Tulathromycin	NI	69% (93)	98% (41)	NI	NI	NI	NI	100% (67)	100% (41)	NI	NI	NI	NI
Tylosin (Tartrate/Base)	0% (376)	0% (93)	0% (41)	NI	NI	NI	NI	0% (67)	0% (41)	NI	NI	NI	NI

* Oxytetracycline can be used to represent Chloretetracycline