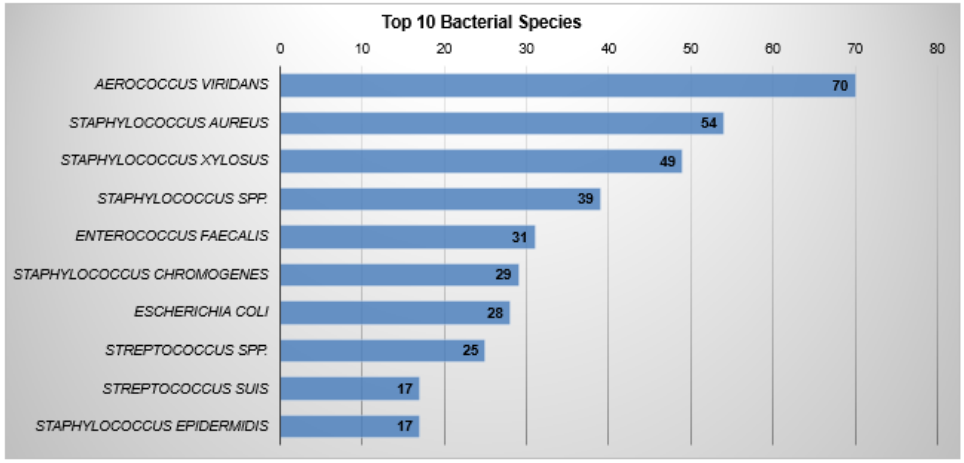
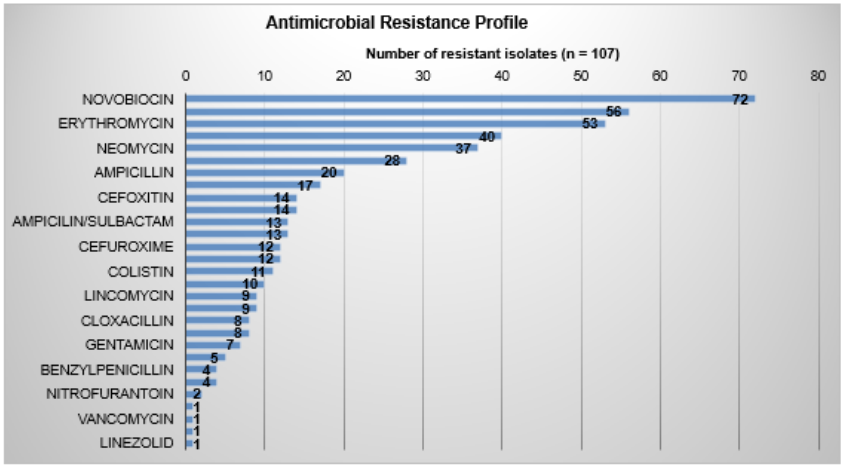
Antimicrobial Resistance and Virulence Database

Kev Performance Indicators	Count
Farms	8
Examined cows	1200
Bacteriologically positive cows	490
Bacterial isolates	442
Resistant isolates	107
MDR isolates	56

Farm	Region / Voivodeship	Country
F1	Prešov Region	Slovakia
F2	Masovian Voivodeship	Poland
F3	Prešov Region	Slovakia
F4	Prešov Region	Slovakia
F5	Košice Region	Slovakia
F6	Prešov Region	Slovakia
F7	South Moravian Region	Czech Republic
F8	Košice Region	Slovakia

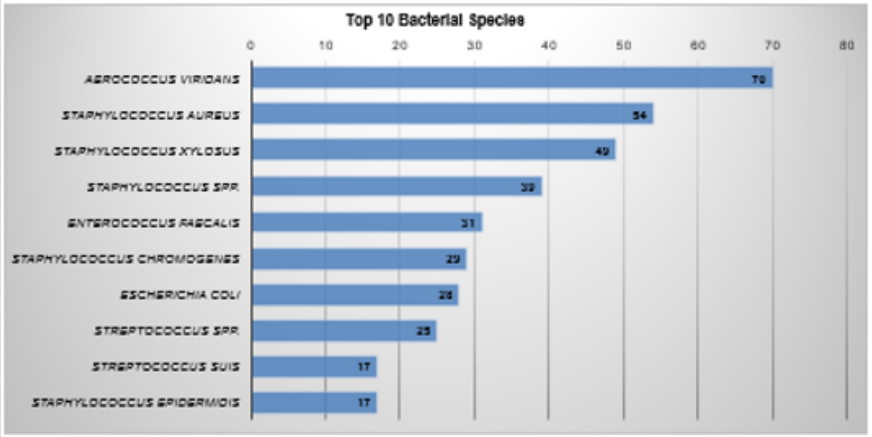


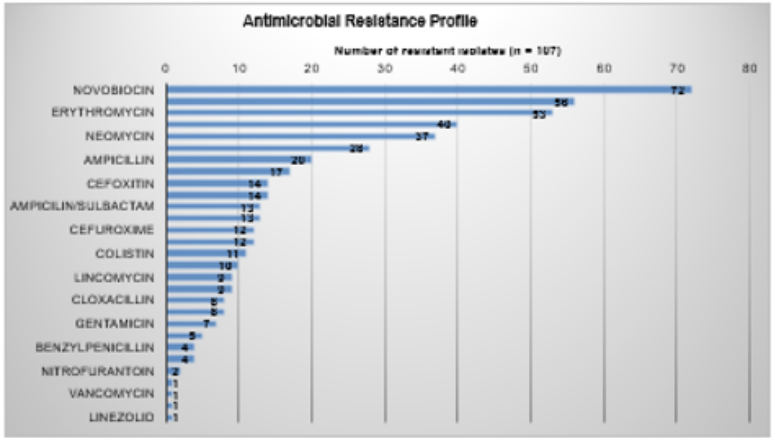


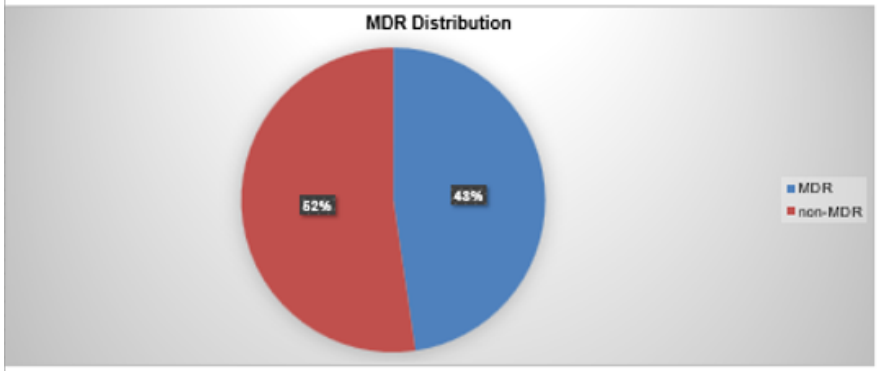
Antimicrobial Resistance and Virulence Database

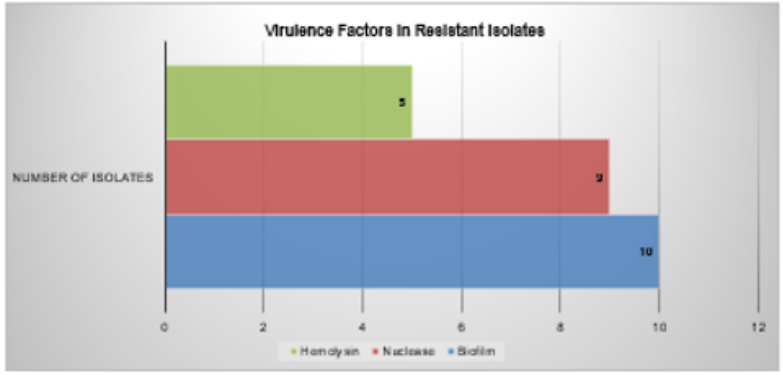
Key Performance Indicators	Count
Farms	8
Examined cows	1200
Bacteriologically positive cows	420
Bacterial isolates	441
Resistant isolates	107
MDR isolates	56

Farm	Region/Voivodeship	Country
F1	Prešov Region	Slovakia
F2	Mazovian Voivodeship	Poland
F3	Prešov Region	Slovakia
F4	Prešov Region	Slovakia
F5	Košice Region	Slovakia
F6	Prešov Region	Slovakia
F7	South Moravian Region	Czech Republic
F8	Košice Region	Slovakia









Dashboard | Isolates | Resistance | +








Antimicrobial Resistance and Virulence Database

Total isolates: 442

IsolateID	Animal ID	Bacteria	Farm	Da	sample
ISO001	181	*Enterococcus faecalis*	F1	8.4.2026	milk
ISO002	258	*Enterococcus faecalis*	F1	8.4.2026	milk
ISO003	323	*Staphylococcus aureus*	F1	8.4.2026	milk
ISO004	307	*Staphylococcus xylosus*	F1	8.4.2026	milk
ISO005	168	*Staphylococcus aureus*	F1	8.4.2026	milk
ISO006	347	*Staphylococcus intermedius*	F1	8.4.2026	milk
ISO007	250	*Enterococcus faecalis*	F1	8.4.2026	milk
ISO008	133	*Enterococcus faecalis*	F1	8.4.2026	milk
ISO009	120	*Staphylococcus aureus*	F1	8.4.2026	milk
ISO010	87	*Staphylococcus hyicus*	F1	8.4.2026	swab
ISO011	57588	*Staphylococcus xylosus*	F1	13.10.2025	swab
ISO012	7365	*Aerococcus viridans*	F1	13.10.2025	swab
ISO013	87675	*Aerococcus viridans*	F1	13.10.2025	swab
ISO014	37853	*Aerococcus viridans*	F1	13.10.2025	swab
ISO015	7378	*Aerococcus viridans*	F1	13.10.2025	swab
ISO016	97566	*Aerococcus viridans*	F1	13.10.2025	milk
ISO017	36179	*Staphylococcus aureus*	F1	13.10.2025	milk
ISO018	36179	*Escherichia coli*	F1	13.10.2025	milk
ISO019	7397	*Staphylococcus aureus*	F1	13.10.2025	milk
ISO020	87604	*Staphylococcus aureus*	F1	13.10.2025	swab
ISO021	36178	*Aerococcus viridans*	F1	13.10.2025	swab
ISO022	36173	*Proteus mirabilis*	F1	13.10.2025	swab
ISO023	36148	*Staphylococcus xylosus*	F1	13.10.2025	milk
ISO024	87652	*Staphylococcus xylosus*	F1	13.10.2025	swab
ISO025	77879	*Staphylococcus xylosus*	F1	13.10.2025	swab
ISO026	36194	*Staphylococcus aureus*	F1	13.10.2025	swab
ISO027	89647	*Streptococcus bovis*	F1	13.10.2025	swab
ISO028	36164	*Escherichia coli*	F1	13.10.2025	milk
ISO029	97304	*Aerococcus viridans*	F1	13.10.2025	swab
ISO030	813047412	*Aerococcus viridans*	F2	16.12.2025	swab
ISO031	813047407	*Aerococcus viridans*	F2	16.12.2025	swab
ISO032	812760916	*Aerococcus viridans*	F2	16.12.2025	milk
ISO033	812784263	*Staphylococcus xylosus*	F2	16.12.2025	milk
ISO034	812784256	*Aerococcus viridans*	F2	16.12.2025	milk
ISO035	812627389	*Aerococcus viridans*	F2	16.12.2025	milk
ISO036	812760973	*Aerococcus viridans*	F2	16.12.2025	milk
ISO037	812784224	*Aerococcus viridans*	F2	16.12.2025	milk
ISO038	812760999	*Aerococcus viridans*	F2	16.12.2025	milk
ISO039	812993389	*Staphylococcus xylosus*	F2	16.12.2025	swab

Dashboard | Isolates | Resistance | +









Antimicrobial Resistance and Virulence Database

IsolateID	Bacteria	Antibiotic	results	Multidrug	Virulence factors
ISO003	*Staphylococcus aureus*	Erythromycin	R	-	biofilm, nuclease, hemolysin
ISO003	*Staphylococcus aureus*	Neomycin	R	-	biofilm, nuclease, hemolysin
ISO003	*Staphylococcus aureus*	Novobiocin	R	-	biofilm, nuclease, hemolysin
ISO003	*Staphylococcus aureus*	Streptomycin	R	-	biofilm, nuclease, hemolysin
ISO003	*Staphylococcus aureus*	Oxacillin	R	-	biofilm, nuclease, hemolysin
ISO009	*Staphylococcus aureus*	Erythromycin	R	-	biofilm, nuclease, hemolysin
ISO009	*Staphylococcus aureus*	Novobiocin	R	-	biofilm, nuclease, hemolysin
ISO009	*Staphylococcus aureus*	Streptomycin	R	-	biofilm, nuclease, hemolysin
ISO010	*Staphylococcus hyicus*	Amoxicillin	R	MDR	biofilm
ISO010	*Staphylococcus hyicus*	Erythromycin	R	MDR	biofilm
ISO010	*Staphylococcus hyicus*	Novobiocin	R	MDR	biofilm
ISO010	*Staphylococcus hyicus*	Penicillin	R	MDR	biofilm
ISO010	*Staphylococcus hyicus*	Streptomycin	R	MDR	biofilm
ISO010	*Staphylococcus hyicus*	Cephalothin	R	MDR	biofilm
ISO010	*Staphylococcus hyicus*	Tetracycline	R	MDR	biofilm
ISO006	*Staphylococcus intermedius*	Erythromycin	R	MDR	hemolysin, nuclease
ISO006	*Staphylococcus intermedius*	Novobiocin	R	MDR	hemolysin, nuclease
ISO006	*Staphylococcus intermedius*	Penicillin	R	MDR	hemolysin, nuclease
ISO006	*Staphylococcus intermedius*	Streptomycin	R	MDR	hemolysin, nuclease
ISO006	*Staphylococcus intermedius*	Tetracycline	R	MDR	hemolysin, nuclease
ISO020	*Staphylococcus aureus*	Oxacillin	R	-	biofilm, nuclease, hemolysin
ISO020	*Staphylococcus aureus*	Neomycin	R	-	biofilm, nuclease, hemolysin
ISO020	*Staphylococcus aureus*	Novobiocin	R	-	biofilm, nuclease, hemolysin
ISO020	*Staphylococcus aureus*	Streptomycin	R	-	biofilm, nuclease, hemolysin
ISO026	*Staphylococcus aureus*	Novobiocin	R	-	nuclease
ISO047	*Staphylococcus aureus*	Cefoxitin	R	MDR	nuclease, hemolysin
ISO047	*Staphylococcus aureus*	Erythromycin	R	MDR	nuclease, hemolysin
ISO047	*Staphylococcus aureus*	Neomycin	R	MDR	nuclease, hemolysin
ISO047	*Staphylococcus aureus*	Novobiocin	R	MDR	nuclease, hemolysin
ISO047	*Staphylococcus aureus*	Streptomycin	R	MDR	nuclease, hemolysin
ISO047	*Staphylococcus aureus*	Tetracycline	R	MDR	nuclease, hemolysin
ISO047	*Staphylococcus aureus*	Methicillin	R	MDR	nuclease, hemolysin
ISO043	*Staphylococcus chromogenes*	Erythromycin	R	-	biofilm, nuclease
ISO043	*Staphylococcus chromogenes*	Novobiocin	R	-	biofilm, nuclease
ISO043	*Staphylococcus chromogenes*	Streptomycin	R	-	biofilm, nuclease
ISO051	*Staphylococcus chromogenes*	Cloxacillin	R	MDR	nuclease
ISO051	*Staphylococcus chromogenes*	Cefoxitin	R	MDR	nuclease
ISO051	*Staphylococcus chromogenes*	Erythromycin	R	MDR	nuclease
ISO051	*Staphylococcus chromogenes*	Neomycin	R	MDR	nuclease