Sault Area Hospital January - December 2025 Antibiogram report

All Location Non-Urine Isolates — % Susceptible

≥80% Susceptible
70-79% Susceptible
≤69% Susceptible

	Organism	# of isolates	Ampicillin	Amoxicillin-Clavulanic Acid	Penicillin	Cloxacillin	Piperacillin-Tazobactam	Ertapenem	Meropenem	Cefazolin	Ceftriaxone	Ceftazidime	Ceftolozane-Tazobactam	Clindamycin	Erythromycin	Trimethoprim-Sulfamethoxazole	Ciprofloxacin	Levofloxacin	Gentamicin	Tobramycin	Amikacin	Doxycycline	Vancomycin	Linezolid
Gram-Negative	**GRAM-NEGATIVE ORGANISMS**																							
	Pseudomonas aeruginosa	178					87		82			92	98				81	66		94				
	Escherichia coli	119	55	79			84	100	100	26	86	86				80	70		90	91	96	81		
	Klebsiella pneumoniae	38	0	92			92	100	100	44	96	96				92	87		97	100	100	90		
	Proteus mirabilis	26	88	85			94	100	100	35	96	96				96	68		95	94	100	0		
	Enterobacter cloacae complex	21	0	0			0	84	91	0						100	100		100	100	100	100		
	Klebsiella oxytoca	13	0	90			85	100	100	0	90	90				100	100		100	100	100	100		
	Stenotrophomonas maltophilia	10														100		80						
	Serratia marcescens	10	0	0			0	100	100	0						100	70		100	100	100	44		
Gram-Positive	**GRAM-POSITIVE ORGANISMS**																							
	Staphyloccocus aureus,all isolates	807				74	74	74	74	74				84	70	92	76					95	100	100
	-methicillin-susceptible	599				100	100	100	100	100				86	81	91	89					97	100	100
	- *methicillin-resistant (MRSA)*	208				0	0	0	0	0				79	40	96	39					91	100	100
	Group A streptococci	206			100									94	94								100	
	Group B streptococci	168			100									60	52								100	
	Coagulase-negative staphylococci	73				37	37	37	37	37				50	32	55	60					91	100	
	Group G streptococci	56			100									68	68								100	
	Streptococcus pneumoniae	55			89									96	79	88		98				80	100	
	Enterococcus faecalis	43	100	100	100		100																100	100
	Streptococcus anginososus group	22			100									91	73								100	
	Group C streptococci	19			100									89	89								100	
	Staphyloccocus lugdunensis	16				94	94	94	94	94				94	94	100	100					100	100	100

General Notes:

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- Some organisms for which there were only very small numbers have been excluded from this report
- Patient duplicates excluded
- Non-urine Isolates includes all specimen types other than urine and surveillance
- *Levofloxacin susceptibility results based on testing from respiratory isolates only
- Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

Prepared by Microbiology Charge Technologist

May-26

Sault Area Hospital January - December 2025 Antibiogram report

All Locations Urine Isolates — % Susceptible

≥80% Susceptible
70-79% Susceptible
≤69% Susceptible

	Organism	# of isolates	Ampicillin	Amoxicillin-Clavulanic Acid	Penicillin	Cloxacillin	Piperacillin-Tazobactam	Ertapenem	Meropenem	Cephalexin	Cefazolin	Ceftriaxone	Ceftazidime	Ceftolozane-Tazobactam	Clindamycin	Erythromycin	Trimethoprim-Sulfamethoxazole	Ciprofloxacin	Nitrofurantoin	Gentamicin	Tobramycin	Amikacin	Doxycycline	Vancomycin	Linezolid
Gram-Negative	**GRAM-NEGATIVE ORGANISMS**																								
	Escherichia coli	958	58	80			85	100	100	86	79	87	87				79	62	96	94	96	100	81		
	Klebsiella pneumoniae	339	0	84			87	99	100	89	83	90	90				86	71	22	98	99	100	83		
	Pseudomonas aeruginosa	204					92		96				95	100				80			99	99			
	Proteus mirabilis	145	78	87			100	100	100	98	92	100	100				91	58	0	94	98	99	0		
	Klebsiella oxytoca	80	0	93			95	100	100		63	92	92				96	87	68	100	99	100	95		
	Citrobacter freundii complex	76	0	0			0	99	99		0						92	67	79	93	98	100	88		
	Enterobacter cloacae complex	69	0	0			0	90	100		0						74	64	36	93	91	95	74		
	Morganella morganii	36	0	0			0	97	97		0						86	71	0	93	87	97	0		
	Serratia marcescens	35	0	0			0	97	100		0						100	61	0	100	90	100	11		
	Providencia rettgeri	30	0	0			0	100	100		0						100	97	0	100	100	100	0		
	Klebsiella (Enterobacter) aerogenes	28	0	0			0	94	100		0						96	69	7	100	100	100	92		
Gram-Positive	**GRAM-POSITIVE ORGANISMS**																								
	Enterococcus faecalis	287	100	100	100		100											73	99				34	100	100
	Coagulase-negative staphylococci	120				56	56	56	56		56						60	36	100				95	100	
	Staphyloccocus aureus,all isolates	90				71	71	71	71		71						100	49	99				99	100	
	-methicillin-susceptible	64				100	100	100	100		100						100	69	100				100	100	
	- *methicillin-resistant (MRSA)*	26				0	0	0	0		0						100	0	96				96	100	
	Enterococcus faecium, all isolates	40	5	5	5		5											5	5				16	63	100
	Enterococcus faecium	25	8	8	8		8											8	4				21	100	100
	vancomycin-resistant(VRE) E.faecium	15	0	0	0		0											0	7				7	0	100

General Notes:

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- Patient duplicates excluded
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Prepared by Microbiology Charge Technologist

May-26

Sault Area Hospital January - December 2025 Antibiogram report

In-Patient Non-Urine Isolates — % Susceptible

≥80% Susceptible
70-79% Susceptible
≤69% Susceptible

	Organism	# of isolates	Ampicillin	Amoxicillin-Clavulanic Acid	Penicillin	Cloxacillin	Piperacillin-Tazobactam	Ertapenem	Meropenem	Cefazolin	Ceftriaxone	Ceftazidime	Ceftolozane-Tazobactam	Clindamycin	Erythromycin	Trimethoprim-Sulfamethoxazole	Ciprofloxacin	Levofloxacin	Gentamicin	Tobramycin	Amikacin	Doxycycline	Vancomycin	Linezolid
Gram-Negative	**GRAM-NEGATIVE ORGANISMS**																							
	Pseudomonas aeruginosa	65					74		63			83	97				62	47		93				
	Escherichia coli	31	55	77			81	100	100	19	88	88				87	68		89	88	100	93		
	Klebsiella pneumoniae	15	0	93			100	100	100	38	93	93				100	100		100	100	100	100		
	Proteus mirabilis	11	91	91			91	100	100	6	91	91				100	57		100	88	100	0		
Gram-Positive	**GRAM-POSITIVE ORGANISMS**																							
	Staphyloccocus aureus,all isolates	108				80	80	80	80	80				75	64	98	70					97	100	
	-methicillin-susceptible	86				100	100	100	100	100				80	75	98	80					98	100	100
	- *methicillin-resistant (MRSA)*	22				0	0	0	0	0				57	22	96	29					91	100	100
	Coagulase-negative staphylococci	32				34	34	34	34	34				38	31	49	59					94	100	
	Group B streptococci	20			100									60	53								100	
	Group A streptococci	16			100									94	94								100	
	Streptococcus pneumoniae	15			100									93	67	87		100				86	100	
	Enterococcus faecalis	13	100	100	100		100																100	100

General Notes:

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- Non-urine Isolates includes all specimen types other than urine and surveillance
- *Levofloxacin susceptibility results based on testing from respiratory isolates only
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Prepared by Microbiology Charge Technologist

May-26

Sault Area Hospital January - December 2025 Antibiogram report

In-Patient Urine Isolates — % Susceptible

≥80% Susceptible
70-79% Susceptible
≤69% Susceptible

	Organism	# of isolates	Ampicillin	Amoxicillin-Clavulanic Acid	Penicillin	Cloxacillin	Piperacillin-Tazobactam	Ertapenem	Meropenem	Cephalexin	IV Cefazolin	Ceftriaxone	Ceftazidime	Ceftolozane-Tazobactam	Clindamycin	Erythromycin	Trimethoprim-Sulfamethoxazole	Ciprofloxacin	Nitrofurantoin	Gentamicin	Tobramycin	Amikacin	Doxycycline	Vancomycin	Linezolid
Gram-Negative	**GRAM-NEGATIVE ORGANISMS**																								
	Escherichia coli	192	63	85			89	100	100	90	86	89	89				81	72	96	95	96	100	84		
	Klebsiella pneumoniae	71	0	93			95	99	100	96	87	97	97				89	79	20	100	98	100	87		
	Pseudomonas aeruginosa	58					85		96				91	100				85			100	100			
	Proteus mirabilis	42	84	87			100	100	100	98	93	100	100				90	72	0	98	100	98	0		
	Enterobacter cloacae complex	13	0	0			0	85	100		0						69	77	46	89	89	80	73		
	Klebsiella oxytoca	12	0	92			92	100	100		42	73	73				100	85	100	100	100	100	80		
	Citrobacter fruendii complex	11	0	0			0	91	91		0						90	67	80	89	100	100	100		
	Morganella morganii	11	0	0			0	91	91		0						91	82	0	89	88	100	0		
Gram-Positive	**GRAM-POSITIVE ORGANISMS**																								
	Enterococcus faecalis	74	100	100	100		100											76	100				30	100	100
	Coagulase-negative staphylococci	29				48	48	48	48		48						48	34	100				100	100	
	Enterococcus faecium, all isolates	24	0	0	0		0											0	4				12	63	100
	Enterococcus faecium	15	0	0	0		0											0	0				13	100	100
	vancomycin-resistant(VRE) E.faecium	9	0	0	0		0											0	11				11	0	100

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Prepared by Microbiology Charge Technologist

May-26

Sault Area Hospital January - December 2025 Antibiogram report

ED Non-Urine Isolates — % Susceptible

≥80% Susceptible
70-79% Susceptible
≤69% Susceptible

	Organism	# of isolates	Ampicillin	Amoxicillin-Clavulanic Acid	Penicillin	Cloxacillin	Piperacillin-Tazobactam	Ertapenem	Meropenem	Cefazolin	Ceftriaxone	Ceftazidime	Ceftolozane-Tazobactam	Clindamycin	Erythromycin	Trimethoprim-Sulfamethoxazole	Ciprofloxacin	Levofloxacin	Gentamicin	Tobramycin	Amikacin	Doxycycline	Vancomycin	Linezolid
Gram-Negative	**GRAM-NEGATIVE ORGANISMS**																							
	Escherichia coli	79	52	77			84	100	100	28	84	84				77	68		89	92	94	75		
	Pseudomonas aeruginosa	63					97		90			97	100				97	92		94				
	Klebsiella pneumoniae	22	0	91			87	100	100	49	93	93				86	77		94	100	100	82		
Gram-Positive	**GRAM-POSITIVE ORGANISMS**																							
	Staphyloccocus aureus,all isolates	561				71	71	71	71	71				87	72	97	77					96	100	
	-methicillin-susceptible	399				100	100	100	100	100				89	84	98	91					98	100	
	- *methicillin-resistant (MRSA)*	162				0	0	0	0	0				83	43	96	41					92	100	100
	Group A streptococci	183			100									93	94								100	
	Group B streptococci	48			100									58	52								100	
	Group G streptococci	43			100									65	65								100	
	Streptococcus pneumoniae	34			100									97	85	85		100				74	100	
	Coagulase-negative staphylococci	22				45	45	45	45	45				64	36	65	59					95	100	
	Enterococcus faecalis	16	100	100	100		100																100	100
	Group C streptococci	14			100									86	86								100	

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- *Levofloxacin susceptibility results based on testing from respiratory isolates only
- Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

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May-26

Sault Area Hospital January - December 2025 Antibiogram report

ED Urine Isolates — % Susceptible

≥80% Susceptible
70-79% Susceptible
≤69% Susceptible

	Organism	# of isolates	Ampicillin	Amoxicillin-Clavulanic Acid	Penicillin	Cloxacillin	Piperacillin-Tazobactam	Ertapenem	Meropenem	Cephalexin	IV Cefazolin	Ceftriaxone	Ceftazidime	Ceftolozane-Tazobactam	Clindamycin	Erythromycin	Trimethoprim-Sulfamethoxazole	Ciprofloxacin	Nitrofurantoin	Gentamicin	Tobramycin	Amikacin	Doxycycline	Vancomycin	Linezolid
Gram-Negative	**GRAM-NEGATIVE ORGANISMS**																								
	Escherichia coli	472	60	82			88	100	100	88	82	90	90				81	66	98	94	97	100	81		
	Klebsiella pneumoniae	130	0	82			85	85	85	85	85	85	85				85	67	22	98	99	99	83		
	Pseudomonas aeruginosa	44					91		95				95	100				91			97	97			
	Proteus mirabilis	38	74	77			100	100	100	97	92	100	100				97	75	0	95	97	100	0		
	Citrobacter freundii complex	29	0	0			0	97	100		0	0	0				90	59	72	93	100	100	79		
	Klebsiella oxytoca	29	0	86			93	100	100		48	93	93				97	100	69	100	100	100	97		
	Enterobacter cloacae complex	25	0	0			0	96	100		0	0	0				84	77	40	95	100	100	75		
	Klebsiella (Enterobacter) aerogenes	15	0	0			0	100	100		0	0	0				100	93	14	100	100	100	100		
	Serratia marcescens	12	0	0			0	100	100		0	0	0				100	83	0	100	89	100	0		
Gram-Positive	**GRAM-POSITIVE ORGANISMS**																								
	Enterococcus faecalis	62	100	100	100		100											74	100				29	100	100
	Coagulase-negative staphylococci	26				50	50	50	50	50	50						62	50	100				100	100	
	Staphyloccocus aureus,all isolates	25				72	72	72	72	72	72						100	52	96				100	100	
	-methicillin-susceptible	18				100	100	100	100	100	100						100	72	100				100	100	
	- *methicillin-resistant (MRSA)*	7				0	0	0	0	0	0						100	0	86				100	100	

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May-26

Sault Area Hospital 2025 Antibiogram report

ICU Non-Urine Isolates — % Susceptible

	≥80% Susceptible 70-79% Susceptible ≤69% Susceptible Organism	# of isolates	Ampicillin	Amoxicillin-Clavulanic Acid	Penicillin	Cloxacillin	Piperacillin-Tazobactam	Ertapenem	Meropenem	Cefazolin	Ceftriaxone	Ceftazidime	Ceftolozane-Tazobactam	Clindamycin	Erythromycin	Trimethoprim-Sulfamethoxazole	Ciprofloxacin	Levofloxacin	Tobramycin	Amikacin	Doxycycline	Vancomycin	Linezolid
Gram-Negative	**GRAM-NEGATIVE ORGANISMS**																						
	Pseudomonas aeruginosa	11					69		22			78	86				45	45	80				
Gram-Positive	**GRAM-POSITIVE ORGANISMS**																						
	Staphyloccocus aureus,all isolates	28				75	75	75	75	75				86	68	100	88				93	100	100
	-methicillin-susceptible	21				100	100	100	100	100				86	76	100	95				95	100	100
	- *methicillin-resistant (MRSA)*	7				0	0	0	0	0				86	43	100	67				86	100	100
	Coagulase-negative staphylococci	11				40	40	40	40	40				30	10	43	43				100	100	100

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- Non-urine Isolates includes all specimen types other than urine and surveillance
- *Levofloxacin susceptibility results based on testing from respiratory isolates only
- Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

Sault Area Hospital 2025 Antibiogram report

All Locations Blood Isolates — % Susceptible

≥80% Susceptible
70-79% Susceptible
≤69% Susceptible

	Organism	# of isolates	Ampicillin	Amoxicillin-Clavulanic Acid	Penicillin	Cloxacillin	Piperacillin-Tazobactam	Ertapenem	Meropenem	Cefazolin	Ceftriaxone	Ceftazidime	Ceftolozane-Tazobactam	Clindamycin	Erythromycin	Trimethoprim-Sulfamethoxazole	Ciprofloxacin	Levofloxacin	Gentamicin	Tobramycin	Amikacin	Doxycycline	Vancomycin	Linezolid
Gram-Negative	**GRAM-NEGATIVE ORGANISMS**																							
	Escherichia coli	90	51	77			100	100	100	28	85	85				78	64		88	89	95	78		
	Klebsiella pneumoniae	25	0	92			88	100	100	47	94	94				88	83		94	100	100	83		
	Proteus mirabilis	10	88	88			100	100	100	54	100	100				100	50		100	100	100	0		
	Pseudomonas aeruginosa	10					100		100			89	100				90			100				
Gram-Positive	**GRAM-POSITIVE ORGANISMS**																							
	Staphyloccocus aureus,all isolates	65				83	83	83	83	83				85	80	92	88					97	100	100
	-methicillin-susceptible	54				100	100	100	100	100				90	87	94	98					100	100	100
	- *methicillin-resistant (MRSA)*	11				0	0	0	0	0				62	46	83	36					85	100	100
	Coagulase-negative staphylococci	22				23	23	23	23	23				41	23	58	38					100	100	
	Enterococcus faecalis	18	100	100	100		100																100	100
	Streptococcus pneumoniae	16			100									100	100	81		100				69	100	
	Group A streptococci	16	100	100	100		100							100	100								100	
	Group B streptococci	12	100	100	100		100							58	50								100	

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- Patient duplicates excluded
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Prepared by Microbiology Charge Technologist

May-26

Sault Area Hospital January - December 2025 Antibiogram report

Blood Isolates ALL Patients — % Susceptible

Organism	# of isolates	Fluconazole	Voriconazole	Caspofungin	Micafungin	Anidulafungin
ALL Candida						
*Candida albicans**	6					
Candida parapsilosis	2	100	100	100	100	100
*Candida glabrata***	1	100		100	100	100
*Candida dubliniensis****	1					

General Notes:

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- Patient duplicates excluded
- **Candida albicans* : Routine susceptibility testing for this isolate was suspended by PHL. Isolate generally susceptible to all agents.
- ***Candida glabrata* : There are no interpretative breakpoints for voriconazole. There are no susceptibility breakpoints for fluconazole, the percentage provided refers to the percentage of Candida glabrata that are susceptible dose-dependent.
- ****Candida dubliniensis* : There are no interpretative breakpoints for *this organism*

Sault Area Hospital 2025 ESBL Data

Location	Source	ESBL Rate	# Isolates
Facility	Non-Urine	11%	196
In-Patient	Non-Urine	10%	57
ED	Non-Urine	6%	101
Facility	Urine	11%	1522
In-Patient	Urine	8%	317
ED	Urine	11%	669

Sault Area Hospital January - December 2025 Antibiogram report

All Locations -All Sources - All SPICE / AmpC Isolates — % Susceptible

≥80% Susceptible
70-79% Susceptible
≤69% Susceptible

	Organism	# of isolates	%	Ampicillin	Amoxicillin-Clavulanic Acid	Piperacillin-Tazobactam	Ertapenem	Meropenem	Cefazolin	Trimethoprim-Sulfamethoxazole	Ciprofloxacin	Gentamicin	Tobramycin	Amikacin	Doxycycline
	GRAM-NEGATIVE ORGANISMS														
Gram-Negative	*Enterobacter cloacae complex*	90		0	0	0	89	98	0	80	72	94	93	100	79
	Citrobacter freundii complex	80		0	0	0	99	100	0	95	66	93	95	99	87
	Serratia marcenscens	45		0	0	0	98	100	0	100	63	100	92	100	18
	Morganella morganii	42		0	0	0	98	98	0	79	69	86	86	95	0
	Klebsiella (Enterobacter) aerogenes	37		0	0	0	95	100	0	95	79	100	100	100	95
	Providencia rettgeri	34		0	0	0	97	100	0	94	97	100	100	100	0
	Pantoea species	4		0	0	0	100	100	0	100	100	100	100	100	100
	Hafnia species	2		0	0	0	100	100	0	100	100	100	100	100	50

General Notes:

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- Patient duplicates excluded
- Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

Prepared by Microbiology Charge Technologist

Oct-26