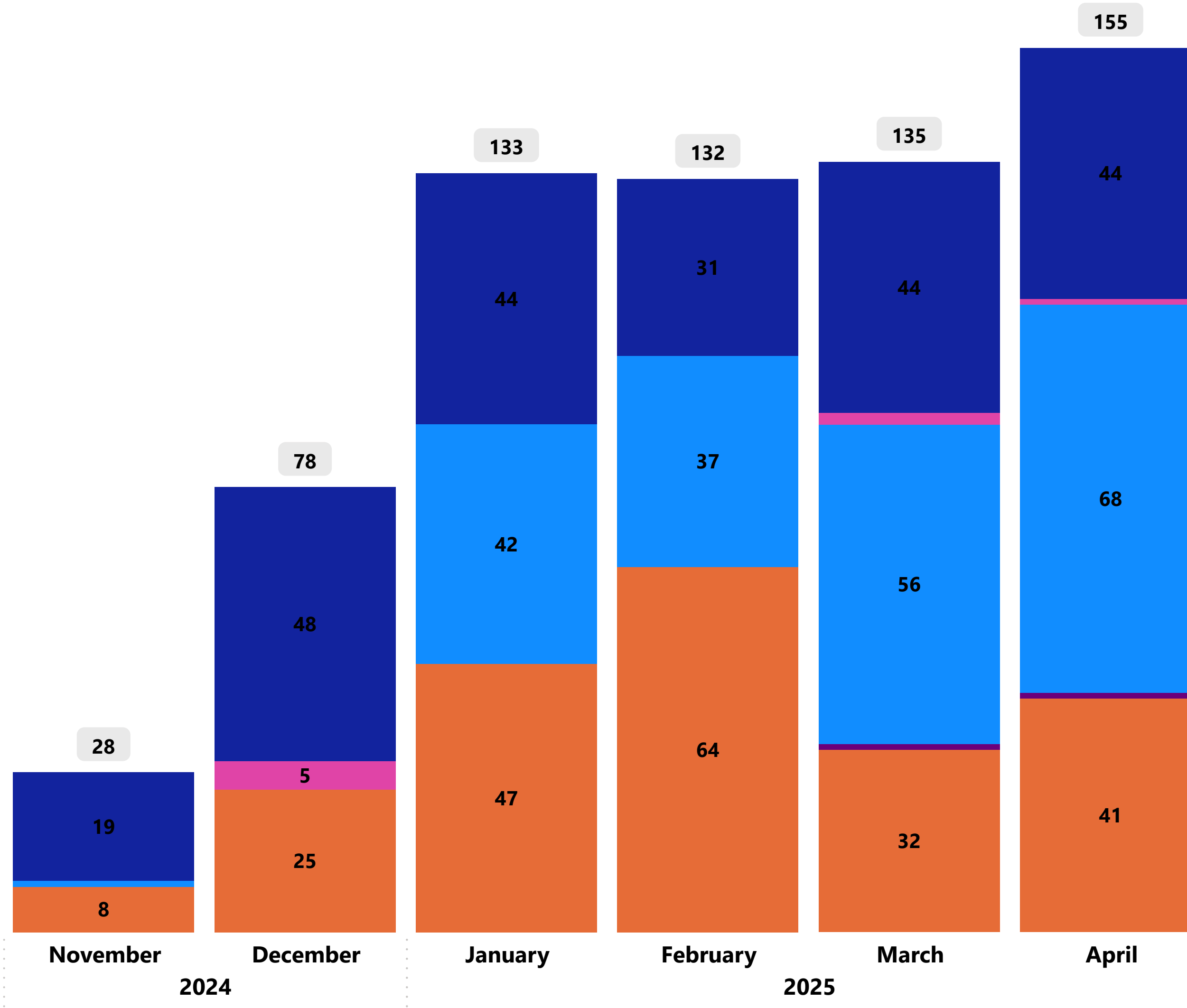


# SAMPLE FACILITY

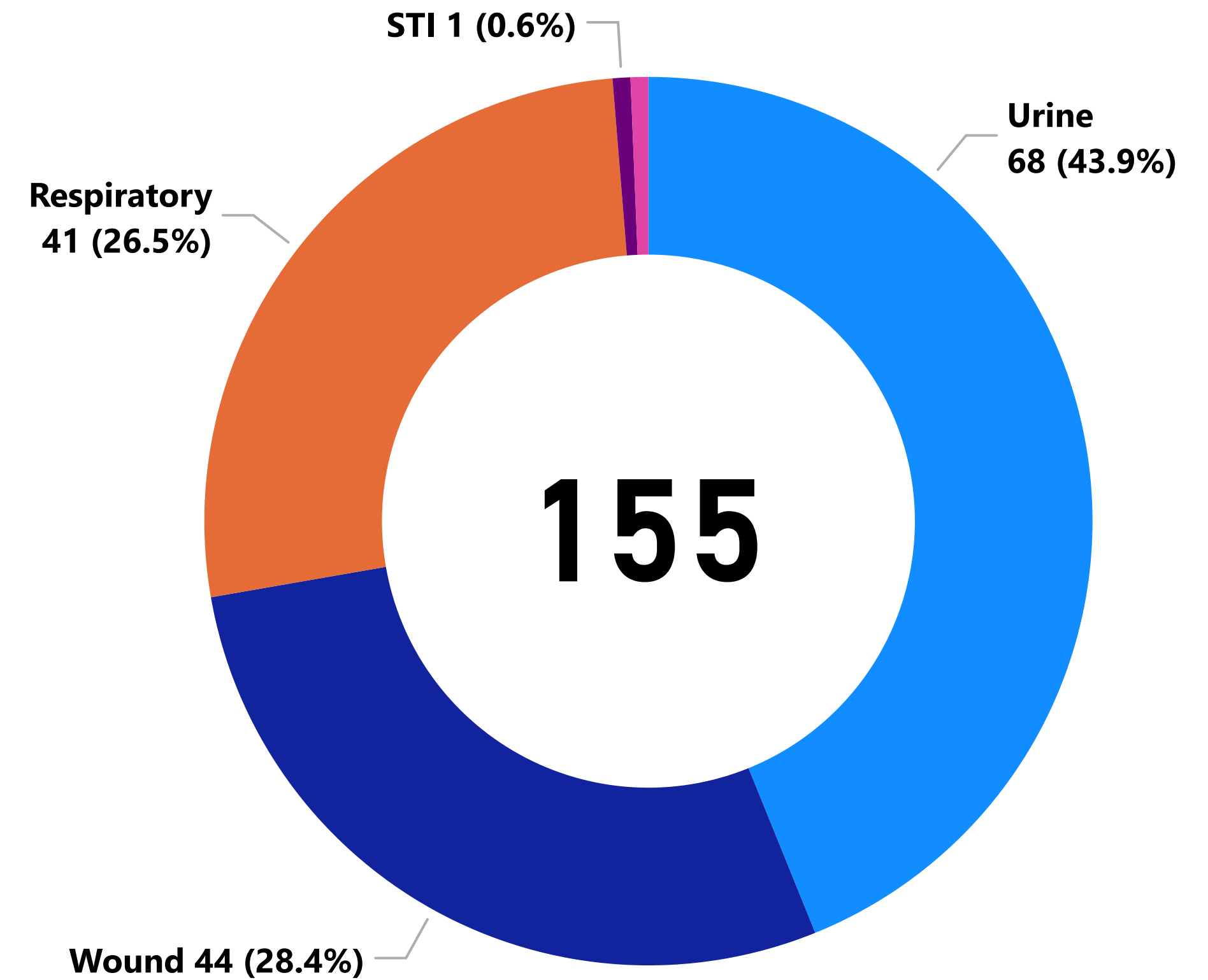
Positive Samples (Previous 6 Months)

Respiratory STI Urine Women's Health Wound



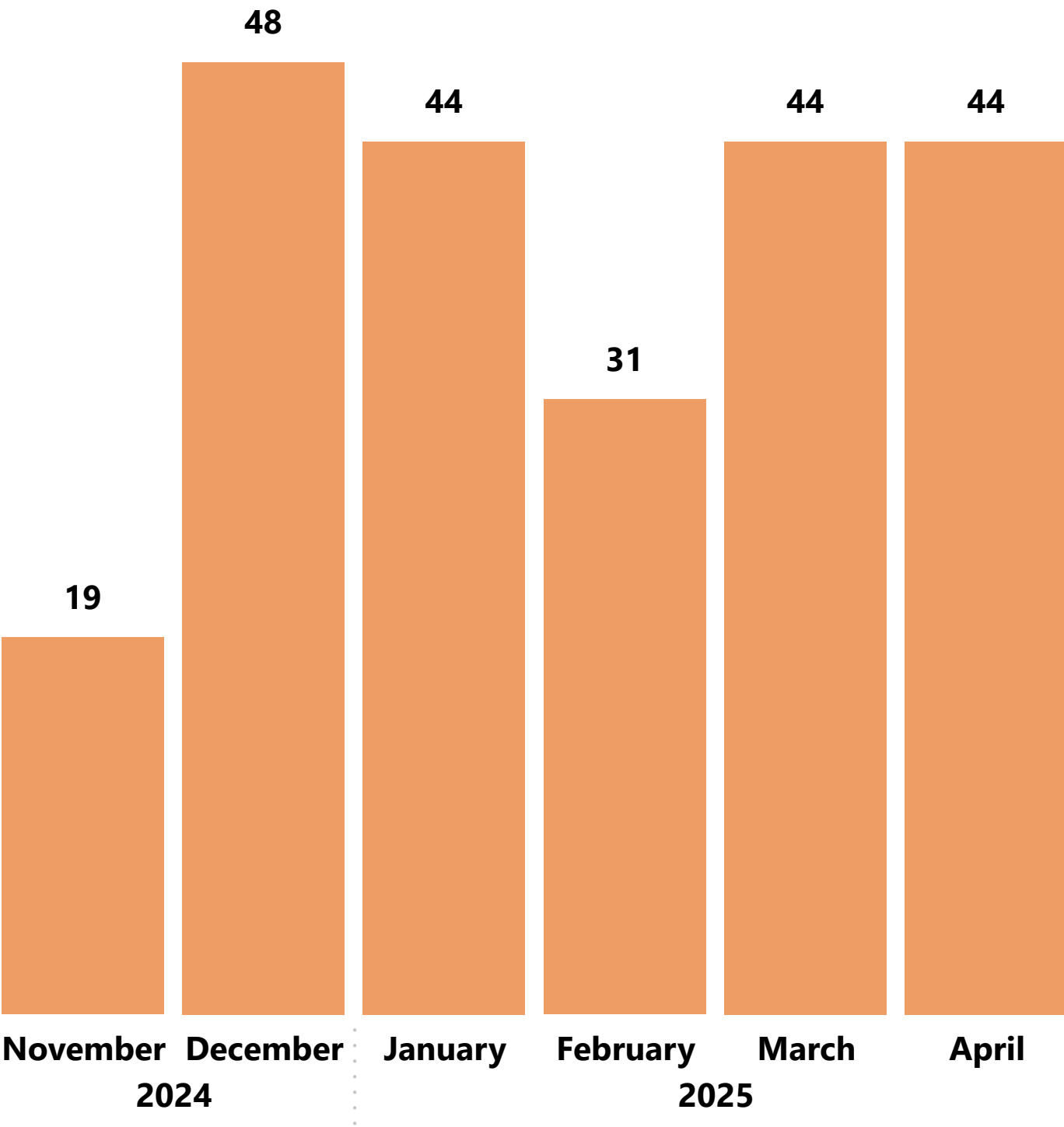
Positive Samples (April 2025)

Urine Wound Respiratory STI Women's Health



# Wound

Positive Samples (Previous 6 Months)



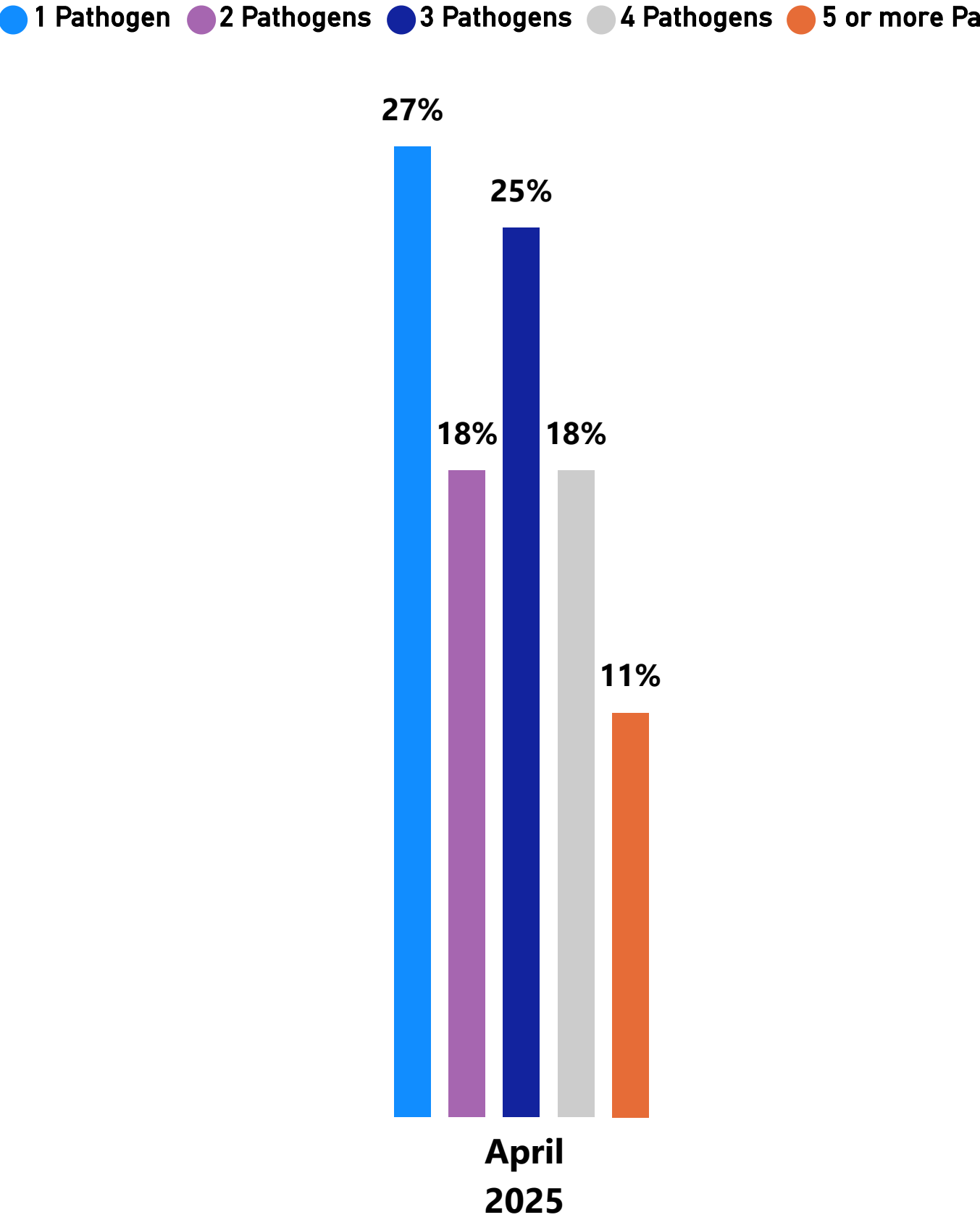
Notable Pathogens/Resistance Genes Last 3 months

Month	MRSA	P. Aeruginosa	VRE	CRE
February	11	10	0	0
March	6	12	0	0
April	7	8	2	0
Total	24	30	2	0

Pathogen Detection Rates (April 2025)

Pathogen Name	Count	% of All Pathogens	% of Total Samples
Enterococcus faecalis	29	23.39%	65.91%
Staphylococcus epidermidis	22	17.74%	50.00%
Escherichia coli	11	8.87%	25.00%
Staphylococcus aureus	10	8.06%	22.73%
Streptococcus agalactiae (Group B)	9	7.26%	20.45%
Pseudomonas aeruginosa	8	6.45%	18.18%
Bacteroides Fragilis	4	3.23%	9.09%
Enterobacter cloacae	4	3.23%	9.09%
Prevotella bivia	4	3.23%	9.09%
Proteus mirabilis	4	3.23%	9.09%
Candida albicans	3	2.42%	6.82%
Candida parapsilosis	3	2.42%	6.82%
Klebsiella oxytoca	3	2.42%	6.82%
Acinetobacter baumannii	2	1.61%	4.55%
Citrobacter freundii	2	1.61%	4.55%
Morganella morganii	2	1.61%	4.55%
Enterobacter aerogenes	1	0.81%	2.27%
Finegoldia magna	1	0.81%	2.27%
Klebsiella pneumoniae	1	0.81%	2.27%
Staphylococcus saprophyticus	1	0.81%	2.27%
Total	124	100.00%	

Pathogen Amount Per Sample (April 2025)

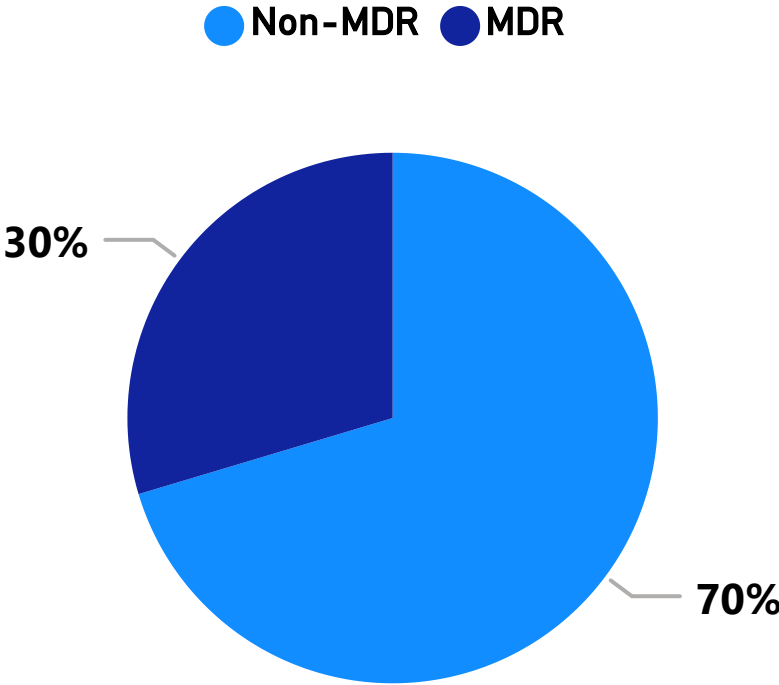


Resistance Gene Detection Rates (April 2025)

Resistance Gene Family	Count	% of All RG	% of Total Samples
Methicillin	19	45.24%	44.19%
Sulfonamide	11	26.19%	25.58%
Folate reductase	6	14.29%	13.95%
Fluoroquinolone	3	7.14%	6.98%
Vancomycin	2	4.76%	4.65%
ESBL	1	2.38%	2.33%
Total	42	100.00%	

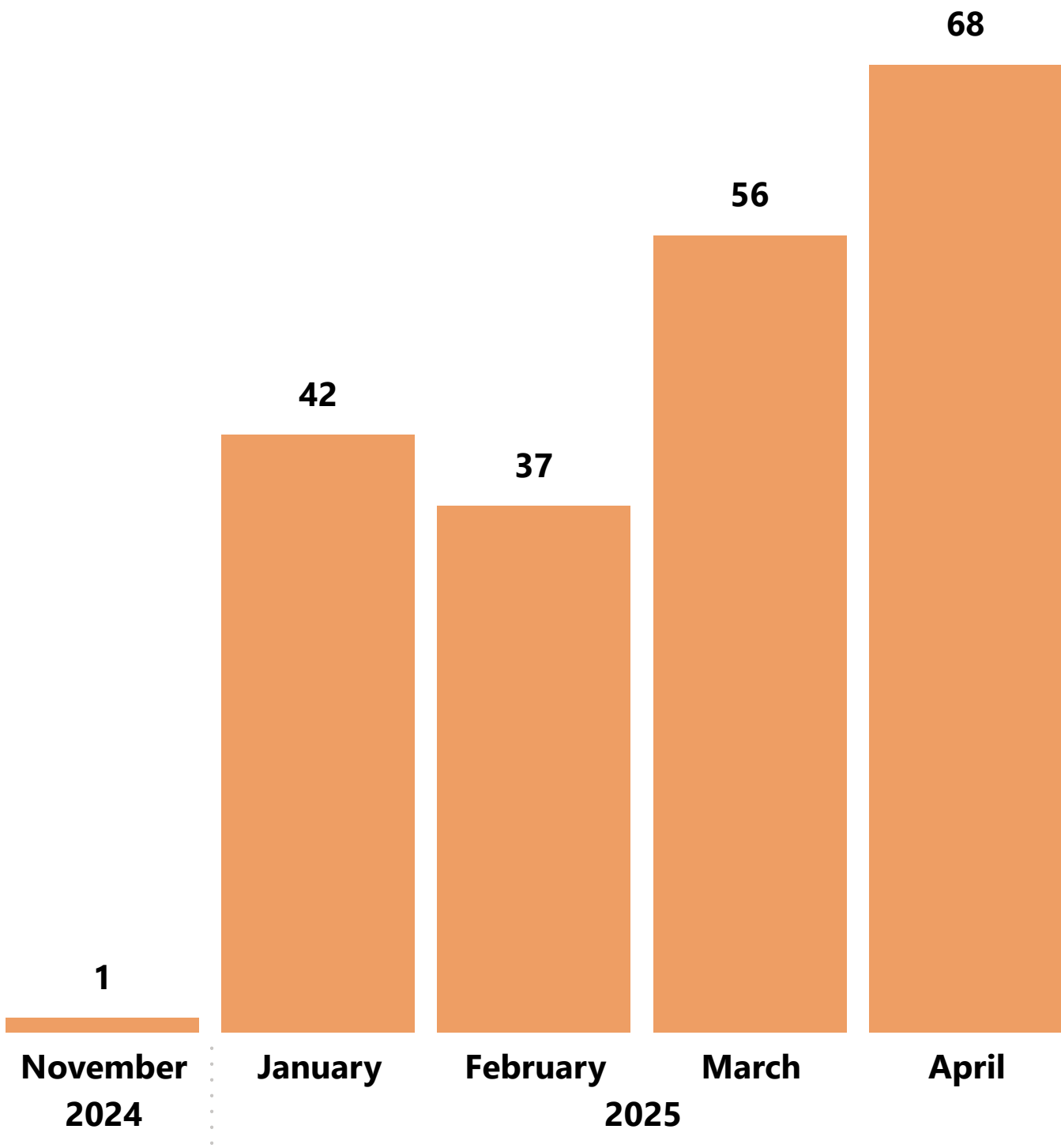
MDR Pathogens (April 2025)

MDR: Defined as > 1 resistance gene family detected in specimen



# Urine

Positive Samples (Previous 6 Months)



Notable Pathogens/Resistance Genes Last 3 months

Month	MRSA	P. Aeruginosa	VRE	CRE
February	0	1	0	0
March	0	2	0	0
April	0	4	0	0
Total	0	7	0	0

VRE: Vancomycin-Resistant Enterococcus  
CRE: Carbapenem-Resistant Enterobacteriaceae  
MRSA: Methicillin-Resistant Staphylococcus Aureus

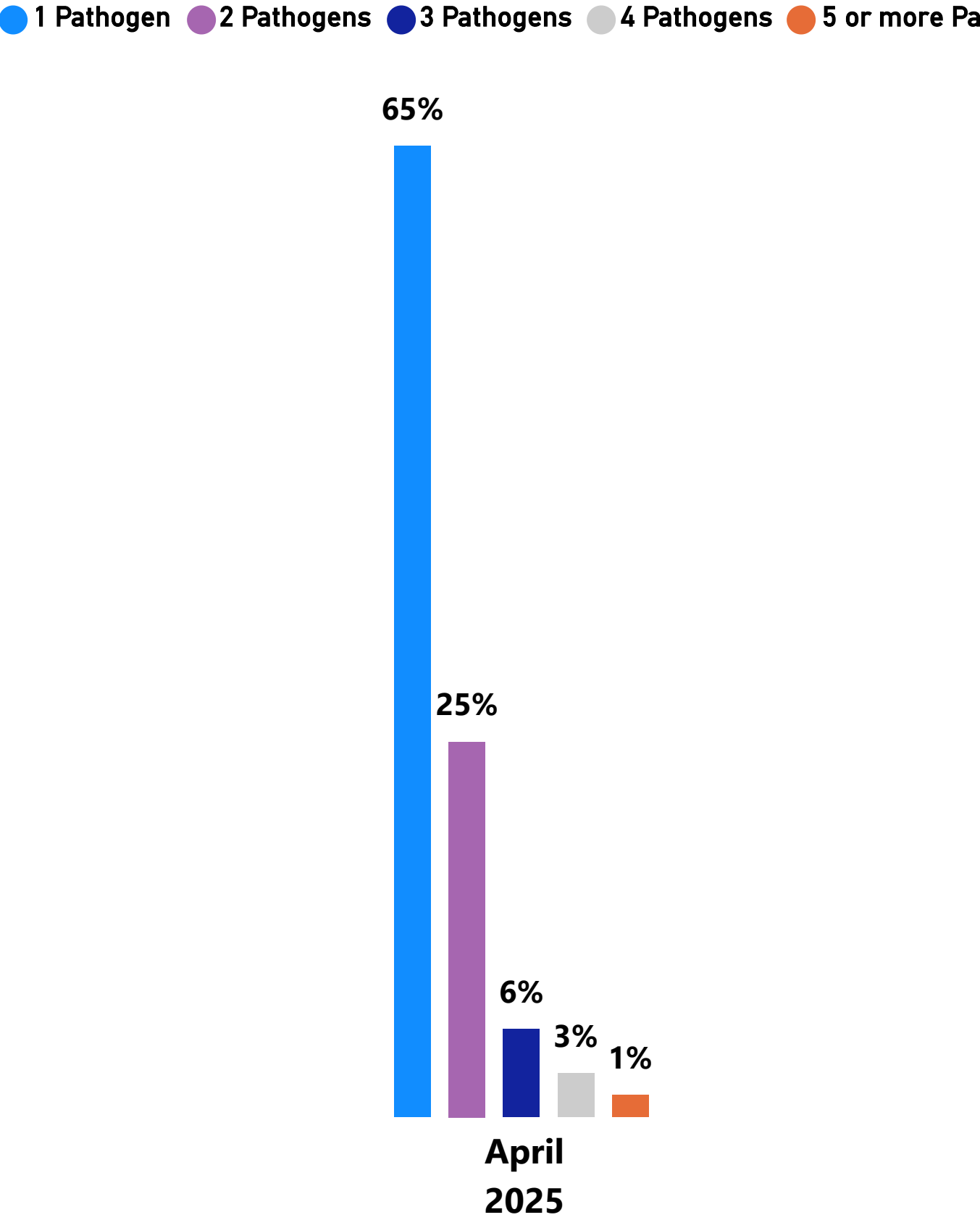
Pathogen Detection Rates (April 2025)

Pathogen Name	Count	% of All Pathogens	% of Total Samples
Escherichia coli	26	25.00%	38.24%
Enterococcus faecalis	25	24.04%	36.76%
Enterobacter cloacae	8	7.69%	11.76%
Serratia marcescens	8	7.69%	11.76%
Acinetobacter baumannii	7	6.73%	10.29%
Staphylococcus epidermidis	7	6.73%	10.29%
Klebsiella pneumoniae	4	3.85%	5.88%
Proteus mirabilis	4	3.85%	5.88%
Pseudomonas aeruginosa	4	3.85%	5.88%
Enterobacter aerogenes	3	2.88%	4.41%
Citrobacter koseri	2	1.92%	2.94%
Staphylococcus saprophyticus	2	1.92%	2.94%
Bacteroides Fragilis	1	0.96%	1.47%
Klebsiella oxytoca	1	0.96%	1.47%
Morganella morganii	1	0.96%	1.47%
Staphylococcus aureus	1	0.96%	1.47%
Total	104	100.00%	

Resistance Gene Detection Rates (April 2025)

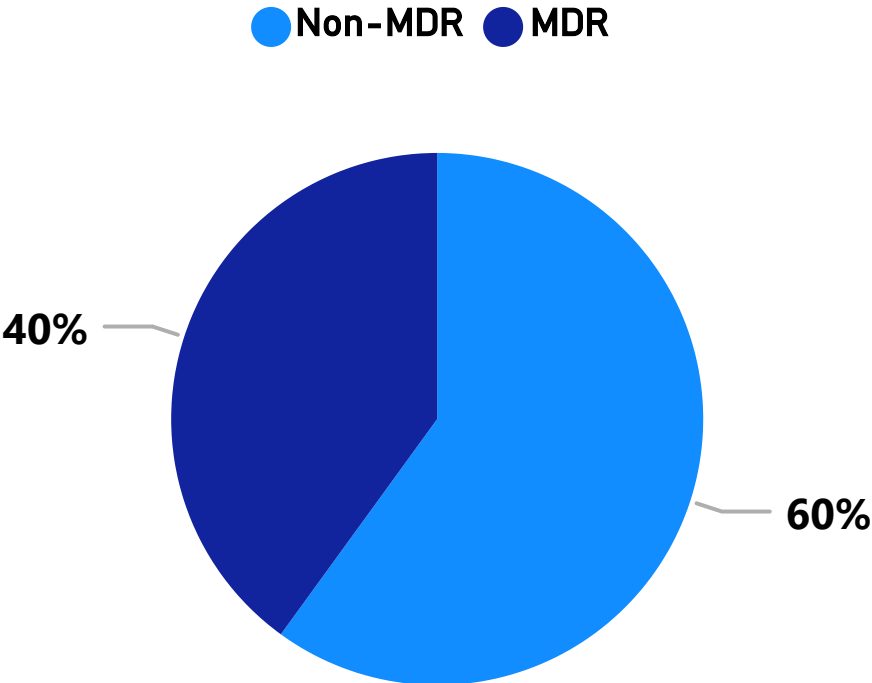
Resistance Gene Family	Count	% of All RG	% of Total Samples
Methicillin	8	36.36%	11.76%
Sulfonamide	8	36.36%	11.76%
Folate reductase	4	18.18%	5.88%
Fluoroquinolone	1	4.55%	1.47%
Vancomycin	1	4.55%	1.47%
Total	22	100.00%	

Pathogen Amount Per Sample (April 2025)



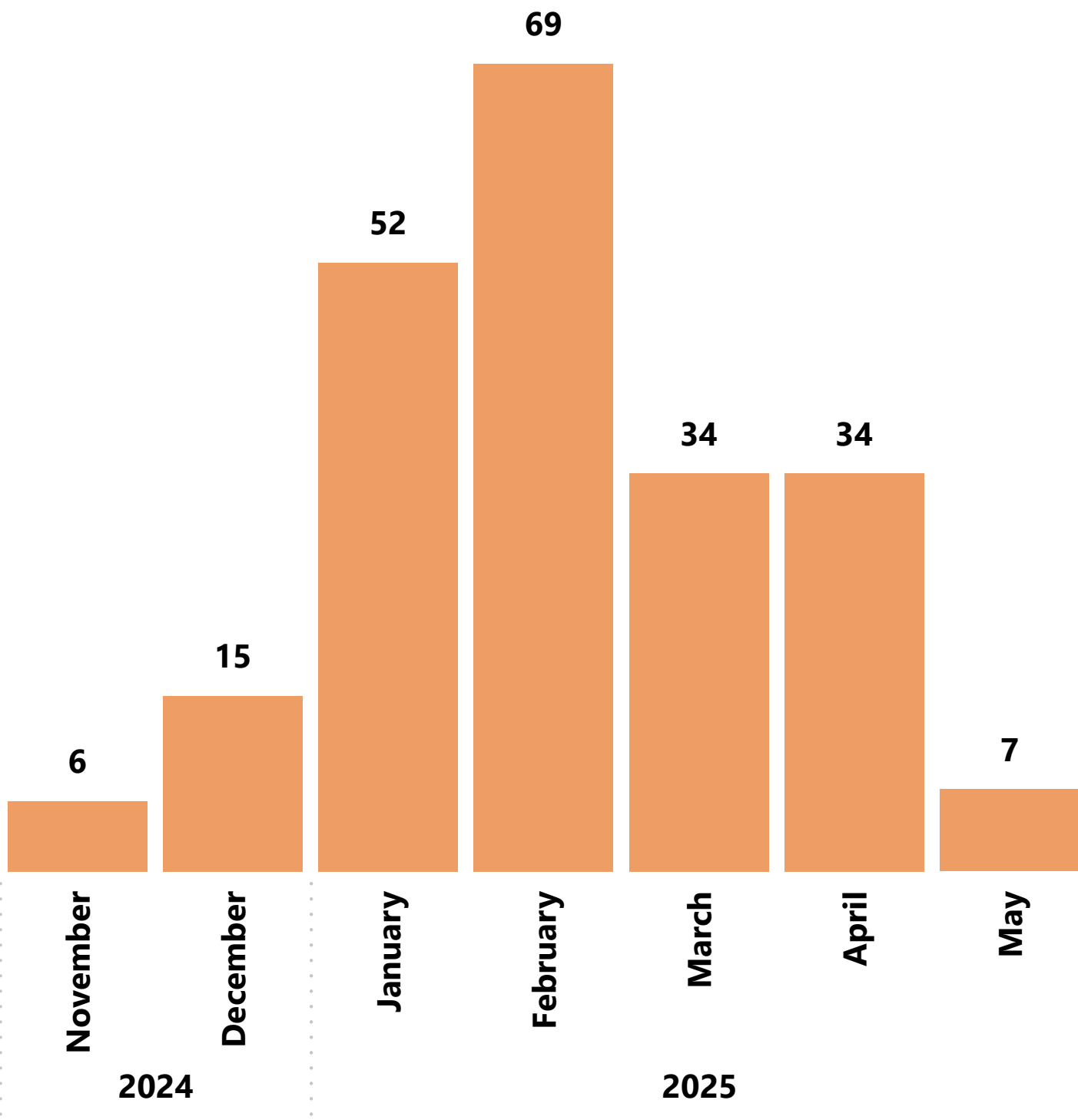
MDR Pathogens (April 2025)

MDR: Defined as > 1 resistance gene family detected in specimen



# Respiratory

Positive Samples (Previous 6 Months)



Notable Pathogens/Resistance Genes Last 3 months

Month	MRSA	Covid-19
February	0	9
March	1	0
April	0	0
Total	1	9

MRSA: Methicillin-Resistant Staphylococcus Aureus

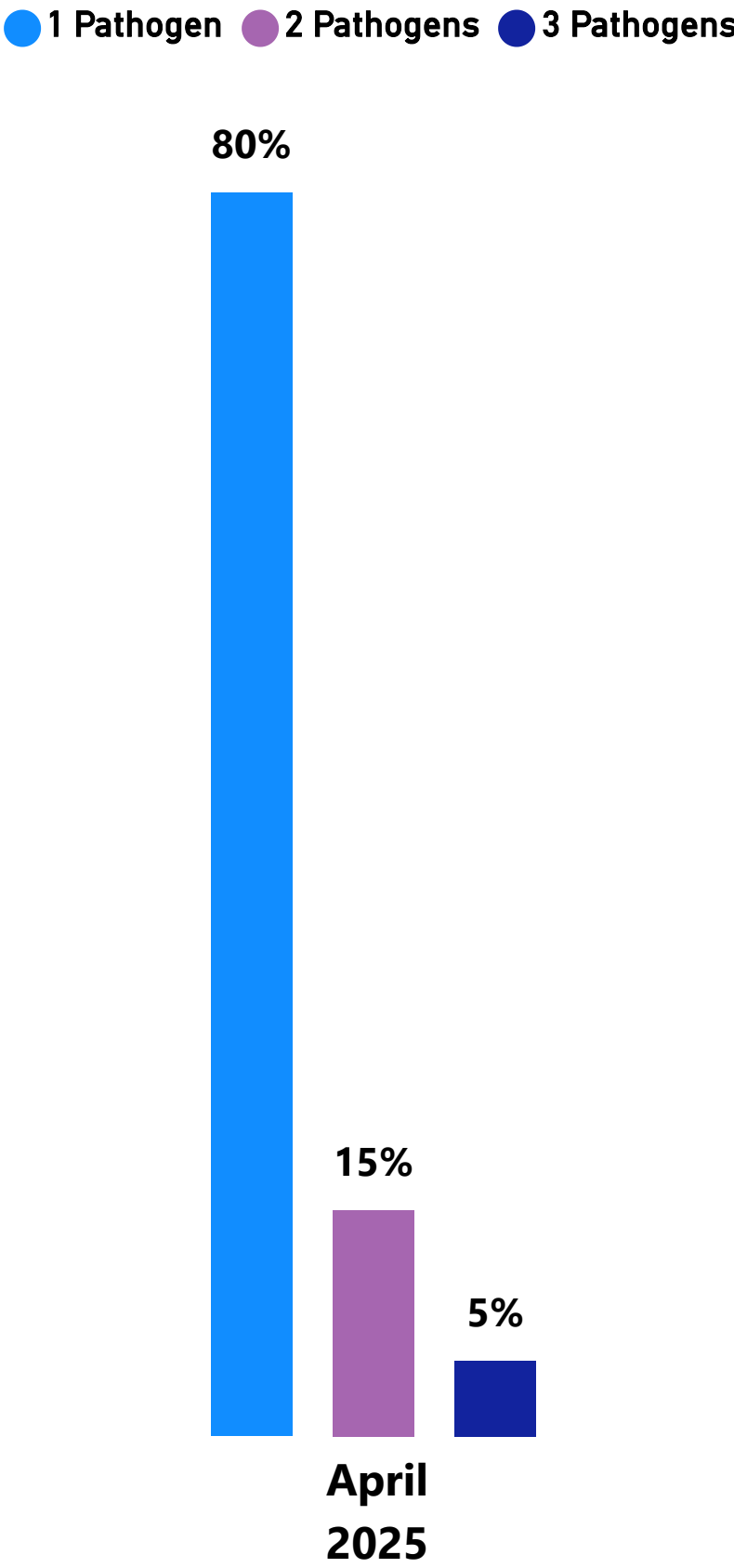
Pathogen Detection Rates (April 2025)

Pathogen Name	Count	% of All Pathogens	% of Total Samples
Haemophilus influenzae	11	21.57%	26.83%
Moraxella catarrhalis	10	19.61%	24.39%
Streptococcus pneumoniae	9	17.65%	21.95%
Human Coronavirus OC43	4	7.84%	9.76%
Human metapneumovirus	4	7.84%	9.76%
Parainfluenza Virus 2	4	7.84%	9.76%
Human rhinovirus	3	5.88%	7.32%
Staphylococcus aureus	2	3.92%	4.88%
Human Coronavirus 229E	1	1.96%	2.44%
Influenza B	1	1.96%	2.44%
Parainfluenza Virus 3	1	1.96%	2.44%
Pseudomonas aeruginosa	1	1.96%	2.44%
Total	51	100.00%	

Resistance Gene Detection Rates (April 2025)

Resistance Gene Family	Count	% of All RG	% of Total Samples
Tetracycline	16	59.26%	39.02%
Sulfonamide	3	11.11%	7.32%
ESBL	2	11.11%	4.88%
Macrolide	2	7.41%	4.88%
Methicillin	2	7.41%	4.88%
CRE	1	3.70%	2.44%
Total	26	100.00%	

Pathogen Amount Per Sample (April 2025)



MDR Pathogens (April 2025)

MDR: Defined as > 1 resistance gene family detected in specimen

