

**Supplementary Material Table 5.** Antimicrobial Prevalence by Class in Adult, Pediatric and Neonatal Wards

<b>Adult</b>	<b>All ward s</b>	<b>AMW</b>	<b>HO-AMW</b>	<b>T-AMW</b>	<b>P-AMW</b>	<b>ASW</b>	<b>AICU</b>
<b>Total number of antimicrobials, N</b>	6171	2753	387	305	196	1755	775
<b>Antibiotics, N (%)</b>	5153 (83.5)	2354 (85.5)	213 (55.0)	137 (44.9)	150 (76.5)	1621 (92.4)	678 (87.5)
<b>Antifungals, N (%)</b>	442 (7.2)	144 (5.2)	85 (22.0)	78 (25.6)	11 (5.6)	65 (3.7)	59 (7.6)
<b>Antivirals, N (%)</b>	457 (7.4)	196 (7.1)	86 (22.2)	79 (25.9)	15 (7.7)	49 (2.8)	32 (4.1)
<b>Antituberculosis agents, N (%)</b>	45 (0.7)	11 (0.4)	2 (0.5)	4 (1.3)	19 (0.7)	6 (0.3)	3 (0.4)
<b>Antimalarial agents, N (%)</b>	72 (1.2)	47 (1.7)	1(0.3)	6 (2.0)	1 (0.5)	14 (0.8)	3 (0.4)
<b>Other, N (%)</b>	2 (<0.1)	1 (<0.1)	0	1 (0.3)	0	0	0
<b>Antibiotics by Class, %</b>							
Penicillins with $\beta$ -lactamase inhibitors	19.7	18.1	28.2	21.2	16.7	20.8	20.6
Penicillins with extended spectrum	0	0	0	0	0	0	0
$\beta$ -lactamase-resistant penicillins	1.4	1.9	0.5	0	0	1.2	1.0
$\beta$ -lactamase-sensitive penicillins	2.3	3.5	2.3	0.7	2.0	1.2	0.9
1 <sup>st</sup> generation cephalosporins	13.8	9.8	2.8	1.5	2.7	24.2	10.9
2 <sup>nd</sup> generation cephalosporins	1.6	2.6	0.0	0.0	1.3	1.0	0.6
3 <sup>rd</sup> generation cephalosporins	10.8	13.0	3.3	4.4	8.0	8.3	13.3
4 <sup>th</sup> generation cephalosporins	0.2	0.0	0.5	0.0	0.7	0.2	0.1
5 <sup>th</sup> generation cephalosporins	0.1	0.1	0.0	0.0	0.0	0.1	0.4
Carbapenems	5.1	4.0	8.9	10.2	8.0	3.3	10.2
Fluoroquinolones	11.1	12.4	14.6	8.8	15.3	10.9	5.9
Aminoglycosides	1.3	1.1	0.5	1.5	4.0	1.5	1.2
Macrolides	4.1	5.3	0.9	3.6	10.0	1.9	4.9
Tetracyclines	2.6	4.1	0.0	0.7	4.7	1.8	1.2
Clindamycin	1.4	1.5	0.9	0.0	0.7	1.4	1.5
Metronidazole	5.4	4.0	3.8	0.7	2.7	8.8	4.6
Combinations of sulfonamides and trimethoprim	5.6	5.6	14.6	28.5	10.0	2.7	4.7
Linezolid	0.4	0.4	0.0	0.0	1.3	0.4	0.3
Vancomycin PO	2.6	3.1	3.8	5.1	0.7	1.8	2.2
Vancomycin IV	5.9	4.8	10.8	8.8	2.7	4.5	11.4
Nitrofurantoin	11	1.4	0.9	0.0	0.0	1.2	0.4
Colistin	0.3	0.1	0.0	2.9	2.7	0.1	0.3
Daptomycin	0.5	0.5	0.9	0.0	0.0	0.5	0.6
Rifamycins	1.1	0.9	0.0	0.0	4.0	1.4	1.0
Other	0.8	0.8	1.4	1.5	2.0	0.6	0.4
<b>Pediatric and Neonatal</b>	<b>All ward s</b>	<b>PMW</b>	<b>GNMW</b>	<b>HO-PMW</b>	<b>PSW</b>	<b>PICU</b>	<b>NICU</b>
<b>Total number of antimicrobials, N</b>	354	115	14	46	32	39	108
<b>Antibiotics, N (%)</b>	301 (85.0)	106 (92.2)	14 (100)	30 (65.2)	32 (100)	33 (84.6)	86 (79.6)
<b>Antifungals, N (%)</b>	31 (8.8)	2 (1.7)	0	12 (26.1)	0	5 (12.8)	12 (11.1)
<b>Antivirals, N (%)</b>	20 (5.6)	6(5.2)	0	3 (6.5)	0	1 (2.6)	10(9.3)
<b>Antituberculosis agents, N (%)</b>	2 (0.6)	1 (0.9)	0	1 (2.2)	0	0	0
<b>Antibiotics by Class, %</b>							
Penicillins with $\beta$ -lactamase inhibitors	8.3	8.5	0.0	20.0	9.4	18.2	1.2
<b>Penicillins with extended spectrum</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
$\beta$ -lactamase-resistant penicillins	1.7	0.0	0.0	0.0	0.0	0.0	5.8
<b><math>\beta</math>-lactamase-sensitive penicillins</b>	<b>20.3</b>	<b>17.0</b>	<b>50.0</b>	<b>0.0</b>	<b>12.5</b>	<b>12.1</b>	<b>32.6</b>
1 <sup>st</sup> generation cephalosporins	7.0	11.3	0.0	0.0	18.8	0.0	3.5

Appendix 6, as supplied by the authors. Appendix to: German GJ, Frenette C, Caissy J-A, et al. The 2018 Global Point Prevalence Survey of antimicrobial consumption and resistance in 47 Canadian hospitals: a cross-sectional survey. *CMAJ Open* 2021. doi: 10.9778/cmajo.20200274. Copyright © 2021 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at [cmajgroup@cmaj.ca](mailto:cmajgroup@cmaj.ca).

2 <sup>nd</sup> generation cephalosporins	1.3	0.9	0.0	0.0	0.0	0.0	3.5
3 <sup>rd</sup> generation cephalosporins	16.9	29.2	0.0	6.7	15.6	18.2	8.1
Carbapenems	4.0	1.9	0.0	3.3	6.3	9.1	4.7
Fluoroquinolones	2.7	2.8	0.0	6.7	6.3	3.0	0.0
Aminoglycosides	15.9	9.4	50.0	3.3	6.3	6.1	30.2
Macrolides	2.0	2.8	0.0	3.3	0.0	6.1	0.0
Tetracyclines	0.3	0.9	0.0	0.0	0.0	0.0	0.0
Clindamycin	0.7	1.9	0.0	0.0	0.0	0.0	0.0
Metronidazole	3.7	2.8	0.0	0.0	15.6	3.0	2.3
Combinations of sulfonamides and trimethoprim	7.0	2.8	0.0	36.7	6.3	15.2	0.0
Linezolid	2	1	0	1	0	0	0
Vancomycin PO	1	0	0	1	0	3	
Vancomycin IV	16	4	0	1	1	0	7
Nitrofurantoin	1	1	0	0	0	0	0
Rifampicin	1	0	0	1	0	0	0
Other	4	2	0	2	0	0	0

Abbreviations: AMW, adult medical ward; HO-AMW, hematology-oncology-AMW, T-AMW, transplant-AMW; P-AMW, pneumology-AMW; ASW, adult surgical ward; AICU, adult intensive care unit; PMW, pediatric medical ward; GNMW, general neonatal medical ward; PSW, pediatric surgical ward; PICU, pediatric intensive care unit; NICU, neonatal intensive care unit