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Table 2: Gram negative isolates recovered from clinical specimens: % susceptible; 2016

Organism (number tested)	Amoxicillin	Amoxicillin/ Clavulanate	Cephalexin	Cefuroxime	Ceftriaxone	Ceftazidime	Gentamicin	Trimethoprim	Cotrimoxazole	Ciprofloxacin	Norfloxacin ^b	Nitrofurantoin ^b	Piperacillin/ Tazobactam	Amikacin	Aztreonam	Ertapenem	Meropenem
<i>Escherichia coli</i> (4190)	40	73	73	86	91		91	66	68	87	81	99	90	99	91	98 (327)	100
ESBL <i>Escherichia coli</i> (274)	R	R	R	R	R		65	23	24	31	18	96		97	R	98	100
<i>Klebsiella pneumoniae</i> (810)	R	80	77	80	85		90	71	74	87	82	40	82	99	85	88 ^d (92)	100
ESBL <i>Klebsiella pneumoniae</i> (94)	R	R	R	R	R		40	9	11	31	29	22		94	R	96	100
<i>Enterobacter cloacae</i> complex (330) ^a	R	R	R	R	75		97	86	87	98	96	76	80	100	78	28 ^d (54)	100
<i>Serratia marcescens</i> (201) ^a	R	R	R	R	97		96	97	99	99	97	R	93	99	99	75 ^d (8)	100
<i>Proteus mirabilis</i> (372)	77	94	93	96	99		95	81	84	97	97	R	100	99	99		100
<i>Morganella morganii</i> (121) ^a	R	R	R	R	88		87	75	76	83	82	R	97	100	95	100 (15)	100
<i>Citrobacter koseri</i> (117)	R	92	91	84	98		100	98	100	100	99	95	92	100	98		100
<i>Citrobacter freundii</i> (46) ^a	R	R	R	R	63		89	76	83	89	85	98	80	93	69		100
<i>Pseudomonas aeruginosa</i> (931)						93	92			92	95		93	92	21	R	95
<i>Stenotrophomonas maltophilia</i> (74)						29 (7)	R		96	14 (7)				R	R		R
<i>Acinetobacter</i> spp. (79)						77	92		88	93	92		71 (34)	95			93
<i>Haemophilus influenzae</i> (759) ^c	73	86		67 ^d (6)	99				70								

- Enterobacter*, *Serratia*, *Citrobacter freundii*, *Proteus vulgaris*, and *Morganella* species (ESCaPM) may develop resistance during prolonged treatment with third generation cephalosporins. Associated clinical failure has been described. For further information contact the Clinical Microbiologist.
- Norfloxacin should be reserved for infections caused by resistant urinary isolates. Nitrofurantoin results apply to lower urinary tract infection only.
- 97% of *H. influenzae* isolates were susceptible to tetracycline.
- Susceptibility may be an underestimate as only select isolates were tested.

Please see http://www.surv.esr.cri.nz/antimicrobial/neisseria_meningitidis.php for information on antimicrobial susceptibility among *Neisseria meningitidis* isolates.