

Enterobacteriaceae
Subgroups/Author(s)

Escherichia coli

Baloch et al., 2019
Umair et al., 2019
Qamar et al., 2019a
Ahmed et al., 2019
Farooq et al., 2019
Younas et al., 2019
Ur Rahman et al., 2019
J. Jamil et al., 2018
Rahman et al., 2016
Jameel et al., 2014
Habeeb et al., 2014
Habeeb et al., 2013
Tanvir et al., 2012

RE Model for Subgroup
(T² = 0.0047, df = 12, Q = 230.56,
p < .0001; H² = 19.2, I² = 94.8%)

Klebsiella pneumoniae

Talpur et al., 2020
Younas et al., 2018
Humayun et al., 2018
Saleem et al., 2013
Ullah et al., 2009

RE Model for Subgroup
(T² = 0.0133, df = 4, Q = 26.21,
p < .0001; H² = 6.6, I² = 84.7%)

Salmonella enterica

M. Wajid et al., 2019
Muhammad Wajid et al., 2019
Malik and Ahmed, 2016
Ikram et al., 2015

RE Model for Subgroup
(T² = 0.0173, df = 3, Q = 113.55,
p < .0001; H² = 37.9, I² = 97.4%)

RE Model for All Studies

(T² = 0.0049, df = 21, Q = 443.19,
p < .0001; H² = 21.1, I² = 95.3%)

Test for Subgroup Differences

(T² = 0.0065, df = 2, Q_M = 0.16,
p = 0.8492; H² = 19.5, I² = 94.9%)

Sample Trait Weight% Pr[95% CI]

Po	NI	2.09%	0.15 [−0.06, 0.37]
H,C,Po	ESBL	1.54%	0.52 [0.26, 0.78]
H–TCH	NI	2.35%	1.00 [0.80, 1.20]
H–TCH	NI	6.29%	0.07 [0.02, 0.12]
H–TCH	MDR	2.50%	0.86 [0.68, 1.05]
Po	MDR	2.32%	0.29 [0.09, 0.48]
Po,PE	ESBL	5.28%	0.06 [−0.02, 0.14]
H–TCH	NI	3.75%	0.33 [0.20, 0.46]
H–UTI	ESBL–GNR	6.21%	0.03 [−0.03, 0.08]
H–Pe	ESBL	7.04%	0.01 [−0.01, 0.02]
H–TCH	ESBL	6.99%	0.01 [−0.01, 0.03]
H–TCH	ESBL	6.93%	0.01 [−0.01, 0.04]
H–CDS	NI	7.09%	0.01 [−0.00, 0.02]

H–ICU	NI	0.97%	0.50 [0.15, 0.85]
H–Pe	ACBL	4.15%	0.44 [0.33, 0.56]
H–TCH	NI	5.63%	0.14 [0.06, 0.21]
H–Pe	NI	5.11%	0.20 [0.12, 0.29]
H–TCH	NI	5.54%	0.13 [0.06, 0.20]

Po	NI	1.81%	0.78 [0.54, 1.01]
Po	NI	2.59%	0.78 [0.60, 0.96]
H–TCH	NI	6.72%	0.04 [0.00, 0.07]
H–TCH	NI	7.10%	0.00 [−0.01, 0.01]

100.00% 0.17 [0.06, 0.29]

−0.5 0.0 0.5 1.0 1.5

Incidence Rate