

SUPPORTING INFORMATION

Prevention of antimicrobial prescribing among infants following maternal vaccination against respiratory syncytial virus

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Table S1: Vaccine efficacy against antimicrobial prescriptions for differing respiratory tract infection endpoints among infants within the intention-to-treat population.

Setting	Endpoint	Through 90d from birth			Through end of follow-up		
		RSV F Vaccine <i>no. of events per 100 person-years (no. of events)</i>	Placebo <i>no. of events per 100 person-years (no. of events)</i>	VE (95% CI) %	RSV F Vaccine <i>no. of events per 100 person-years (no. of events)</i>	Placebo <i>no. of events per 100 person-years (no. of events)</i>	VE (95% CI) %
All countries		<i>730 person-years</i>	<i>379 person-years</i>		<i>2908 person-years</i>	<i>1504 person-years</i>	
	All antimicrobial prescriptions for AOM	2.7 (20)	4.8 (18)	40.5 (–16.1, 69.5)	12.3 (359)	14.0 (210)	8.8 (–13.9, 27.1)
	All antimicrobial prescriptions for respiratory tract infection	92.9 (678)	100.9 (382)	10.8 (–3.4, 23.0)	90.0 (2618)	89.8 (1351)	1.6 (–7.7, 10.2)
High-income countries		<i>242 person-years</i>	<i>132 person-years</i>		<i>953 person-years</i>	<i>516 person-years</i>	
	All antimicrobial prescriptions for AOM	2.9 (7)	9.9 (13)	71.3 (28.1, 88.6)	25.8 (246)	29.7 (153)	14.8 (–12.6, 35.6)
	All antimicrobial prescriptions for respiratory tract infection	23.1 (56)	33.5 (44)	28.0 (–11.4, 53.5)	46.8 (446)	49.2 (254)	4.6 (–18.3, 23.1)
Low- and middle-income countries		<i>488 person-years</i>	<i>247 person-years</i>		<i>1955 person-years</i>	<i>988 person-years</i>	
	All antimicrobial prescriptions for AOM	2.7 (13)	2.0 (5)	–33.4 (–318.2, 57.5)	5.8 (113)	5.8 (57)	–0.6 (–47.2, 31.2)
	All antimicrobial prescriptions for respiratory tract infection	127.5 (622)	136.9 (338)	8.0 (–7.6, 21.3)	111.1 (2172)	111.0 (1097)	0.6 (–9.9, 10.0)

Table S2: Incidence of antimicrobial prescribing for various clinical syndromes among infants, by country.

Linked diagnosis	Setting	Through 90d from birth			Through end of follow-up			
		RSV F Vaccine <i>no. of events per 100 children (no. of events)</i>	Placebo <i>no. of events per 100 children (no. of events)</i>	Averted incidence (95% CI) <i>no. of events per 100 children</i>	RSV F Vaccine <i>no. of events per 100 children (no. of events)</i>	Placebo <i>no. of events per 100 children (no. of events)</i>	Averted incidence (95% CI) <i>no. of events per 100 children</i>	
All syndromes	Argentina	40 person-years 22.6 (36)	20 person-years 30.1 (24)	7.5 (-16.1, 19.0)	158 person-years 58.7 (93)	82 person-years 62.4 (51)	5.0 (-29.5, 26.6)	
	Australia	18 person-years 9.7 (7)	10 person-years 17.8 (7)	8.1 (-13.0, 14.7)	72 person-years 33.2 (24)	40 person-years 32.5 (13)	0.1 (-44.2, 18.8)	
	Bangladesh	20 person-years 139.0 (111)	9 person-years 131.6 (48)	-7.4 (-70.1, 35.7)	82 person-years 339.4 (279)	37 person-years 331.2 (124)	-9.3 (-123.5, 76.2)	
	Chile	5 person-years 16.0 (3)	5 person-years 40.6 (8)	25.0 (-63.0, 38.2)	19 person-years 42.4 (8)	20 person-years 74.5 (15)	32.0 (-90.3, 63.6)	
	Spain	6 person-years 31.6 (8)	3 person-years 42.3 (5)	10.8 (-118.7, 36.1)	25 person-years 87.8 (22)	12 person-years 76.4 (9)	-11.6 (-191.6, 47.5)	
	Mexico	2 person-years 0.0 (0)	1 person-year 50.7 (2)	--	7 person-years 14.6 (1)	4 person-years 49.7 (2)	45.7 (-541.2, 49.7)	
	New Zealand	36 person-years 18.8 (27)	22 person-years 26.7 (23)	7.8 (-15.6, 18.3)	141 person-years 82.7 (117)	84 person-years 78.4 (66)	-4.8 (-47.4, 23.4)	
	Philippines	42 person-years 65.4 (110)	22 person-years 58.5 (51)	-6.8 (-37.7, 14.2)	174 person-years 228.2 (396)	89 person-years 197.9 (177)	-36.4 (-100.7, 14.0)	
	United Kingdom	5 person-years 19.3 (4)	3 person-years 18.4 (2)	-1.4 (-89.8, 14.8)	21 person-years 28.1 (6)	11 person-years 46.1 (5)	17.5 (-47.7, 37.4)	
	United States	172 person-years 12.5 (86)	90 person-years 14.0 (50)	1.4 (-4.6, 5.5)	675 person-years 62.5 (422)	349 person-years 66.7 (233)	4.2 (-11.6, 16.9)	
	South Africa	384 person-years 38.0 (584)	195 person-years 43.9 (343)	5.9 (-0.7, 11.6)	1534 person-years 121.7 (1866)	775 person-years 129.1 (100)	7.0 (-6.8, 19.4)	
	All respiratory tract infections	Argentina	14.4 (23)	25.1 (20)	10.6 (-9.2, 19.0)	45.5 (72)	50.2 (41)	5.7 (-25.9, 24.2)
		Australia	1.4 (1)	2.5 (1)	1.1 (-19.7, 2.4)	15.2 (11)	15.0 (6)	-0.2 (-32.3, 10.1)
		Bangladesh	71.4 (57)	65.8 (24)	-5.4 (-51.7, 22.7)	184.9 (152)	197.7 (74)	12.2 (-64.9, 66.7)
Chile		16.0 (3)	20.3 (4)	4.3 (-87.1, 17.9)	42.4 (8)	44.7 (9)	3.0 (-151.1, 35.9)	
Spain		4.0 (1)	8.5 (1)	4.4 (-56.4, 8.2)	43.9 (11)	25.5 (3)	-19.4 (-188.1, 16.1)	
Mexico		0.0 (0)	50.7 (2)	--	14.6 (1)	49.7 (2)	45.7 (-541.2, 49.7)	
New Zealand		7.7 (11)	12.8 (11)	5.1 (-7.8, 9.9)	57.3 (81)	55.8 (47)	-1.8 (-37.0, 20.0)	
Philippines		42.2 (71)	37.9 (33)	-4.4 (-31.4, 12.0)	185.6 (322)	148.7 (133)	-42.5 (-103.1, 3.6)	
United Kingdom		4.8 (1)	0.0 (0)	--	9.4 (2)	9.2 (1)	-0.3 (-302.1, 8.9)	
United States		5.7 (39)	7.5 (27)	1.9 (-2.1, 4.2)	49.3 (333)	53.8 (188)	4.4 (-9.9, 15.5)	
South Africa		30.6 (471)	33.2 (259)	2.5 (-3.4, 7.5)	106.0 (1625)	109.2 (847)	3.0 (-9.8, 14.4)	
LRTI	Argentina	13.8 (22)	25.1 (20)	11.3 (-8.2, 19.3)	37.3 (59)	45.3 (37)	8.9 (-19.8, 25.0)	
	Australia	0.0 (0)	2.5 (1)	--	5.5 (4)	7.5 (3)	1.9 (-22.6, 6.5)	

	Bangladesh	43.8 (35)	43.9 (16)	0.0 (-43.9, 21.9)	96.1 (79)	109.5 (41)	13.0 (-38.4, 46.5)
	Chile	10.7 (2)	15.2 (3)	4.5 (-164.8, 14.6)	31.8 (6)	34.8 (7)	3.4 (-151.6, 29.5)
	Spain	4.0 (1)	0.0 (0)	--	12.0 (3)	0.0 (0)	--
	Mexico	0.0 (0)	50.7 (2)	--	0.0 (0)	49.7 (2)	--
	New Zealand	6.3 (9)	7.0 (6)	0.6 (-18.5, 5.4)	22.6 (32)	23.8 (20)	1.1 (-23.7, 13.0)
	Philippines	36.2 (61)	34.4 (30)	-1.9 (-27.6, 13.1)	147.5 (256)	124.1 (111)	-28.5 (-86.2, 13.3)
	United Kingdom	4.8 (1)	0.0 (0)	--	9.4 (2)	0.0 (0)	--
	United States	1.7 (12)	4.7 (17)	3.0 (0.9, 4.0)	7.7 (52)	10.0 (35)	2.3 (-3.2, 5.5)
	South Africa	24.4 (375)	27.7 (216)	3.3 (-1.9, 7.6)	85.0 (1304)	88.1 (683)	2.8 (-8.6, 12.7)
AOM	Argentina	0.0 (0)	0.0 (0)	--	3.8 (6)	2.4 (2)	-1.3 (-19.2, 1.8)
	Australia	0.0 (0)	0.0 (0)	--	6.9 (5)	7.5 (3)	0.6 (-27.5, 6.1)
	Bangladesh	0.0 (0)	0.0 (0)	--	6.1 (5)	0.0 (0)	--
	Chile	0.0 (0)	0.0 (0)	--	5.3 (1)	0.0 (0)	--
	Spain	0.0 (0)	8.5 (1)	--	23.9 (6)	17.0 (2)	-7.5 (-148.2, 13.4)
	Mexico	0.0 (0)	0.0 (0)	--	14.6 (1)	0.0 (0)	--
	New Zealand	0.7 (1)	3.5 (3)	2.8 (-3.2, 3.4)	17.0 (24)	17.8 (15)	0.5 (-20.7, 10.0)
	Philippines	0.6 (1)	0.0 (0)	--	2.9 (5)	2.2 (2)	-0.7 (-16.5, 1.8)
	United Kingdom	0.0 (0)	0.0 (0)	--	0.0 (0)	9.2 (1)	--
	United States	0.9 (6)	2.5 (9)	1.6 (0.1, 2.2)	31.1 (210)	37.8 (132)	6.7 (-5.8, 15.6)
	South Africa	0.8 (12)	0.6 (5)	-0.1 (-1.9, 0.4)	6.3 (96)	6.8 (53)	0.6 (-2.5, 2.7)

Table S3: Causes of antimicrobial prescribing for various drug classes among infants in the US, South Africa, and other settings.

Setting	Drug class	Clinical syndrome	Observations through 90d from birth				Observations through end of follow-up			
			RSV F vaccine		Placebo		RSV F vaccine		Placebo	
			<i>no. of events per 100 person-years (no. of events)</i>	%	<i>no. of events per 100 person-years (no. of events)</i>	%	<i>no. of events per 100 person-years (no. of events)</i>	%	<i>no. of events per 100 person-years (no. of events)</i>	%
United States	Penicillins	Any	19.8 (34)	--	34.6 (31)	--	35.3 (238)	--	42.7 (149)	--
		Any respiratory tract infection	8.7 (15)	44.1	20.1 (18)	58.1	31.9 (215)	90.3	36.9 (129)	86.6
		LRTI	3.5 (6)	17.6	10.0 (9)	29.0	4.0 (27)	11.3	5.2 (18)	12.1
		AOM	2.3 (4)	11.8	8.9 (8)	25.8	23.4 (158)	66.4	28.4 (99)	66.4
	Cephalosporins	Any	8.7 (15)	--	10.0 (9)	--	15.0 (101)	--	14.6 (51)	--
		Any respiratory tract infection	1.7 (3)	20.0	7.8 (7)	77.8	10.4 (70)	69.3	11.5 (40)	78.4
		LRTI	0.6 (1)	6.7	7.8 (7)	77.8	1.5 (10)	9.9	3.2 (11)	21.6
		AOM	0.6 (1)	6.7	1.1 (1)	11.1	7.3 (49)	48.5	7.7 (27)	52.9
	Macrolides	Any	6.4 (11)	--	5.6 (5)	--	4.7 (32)	--	4.3 (15)	--
		Any respiratory tract infection	5.2 (9)	81.8	4.5 (4)	80.0	4.4 (30)	93.8	3.4 (12)	80.0
		LRTI	1.7 (3)	27.3	4.5 (4)	80.0	2.2 (15)	46.9	2.0 (7)	46.7
		AOM	0.6 (1)	9.1	1.1 (1)	20.0	0.9 (6)	18.8	1.4 (5)	33.3
	Aminoglycosides	Any	11.0 (19)	--	13.4 (12)	--	3.0 (20)	--	3.7 (13)	--
		Any respiratory tract infection	1.2 (2)	10.5	2.2 (2)	16.7	0.4 (3)	15.0	0.9 (3)	23.1
		LRTI	1.2 (2)	10.5	1.1 (1)	8.3	0.3 (2)	10.0	0.3 (1)	7.7
		AOM	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0
	Other antibiotics	Any	16.9 (29)	--	13.4 (12)	--	10.4 (70)	--	8.3 (29)	--
		Any respiratory tract infection	7.0 (12)	41.4	2.2 (2)	16.7	4.6 (31)	44.3	3.7 (13)	44.8
		LRTI	1.2 (2)	6.9	0.0 (0)	0.0	0.4 (3)	4.3	0.9 (3)	10.3
		AOM	0.0 (0)	0.0	0.0 (0)	0.0	0.1 (1)	1.4	0.6 (2)	6.9
	Other antimicrobials	Any	11.0 (19)	--	13.4 (12)	--	3.0 (20)	--	3.7 (13)	--
		Any respiratory tract infection	1.2 (2)	10.5	2.2 (2)	16.7	0.4 (3)	15.0	0.9 (3)	23.1
		LRTI	1.2 (2)	10.5	1.1 (1)	8.3	0.3 (2)	10.0	0.3 (1)	7.7
		AOM	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0
Other high-income countries	Penicillins	Any	42.8 (30)	--	69.1 (29)	--	44.8 (125)	--	46.1 (77)	--
		Any respiratory tract infection	15.7 (11)	36.7	40.5 (17)	58.6	31.9 (89)	71.2	34.2 (57)	74.0
		LRTI	11.4 (8)	26.7	23.8 (10)	34.5	11.8 (33)	26.4	14.4 (24)	31.2
		AOM	1.4 (1)	3.3	9.5 (4)	13.8	11.8 (33)	26.4	11.4 (19)	24.7
	Cephalosporins	Any	18.5 (13)	--	26.2 (11)	--	10.4 (29)	--	11.4 (19)	--
		Any respiratory tract infection	8.6 (6)	46.2	4.8 (2)	18.2	5.0 (14)	48.3	3.6 (6)	31.6
		LRTI	5.7 (4)	30.8	4.8 (2)	18.2	2.5 (7)	24.1	2.4 (4)	21.1
		AOM	0.0 (0)	0.0	0.0 (0)	0.0	0.4 (1)	3.4	0.6 (1)	5.3
	Macrolides	Any	5.4 (4)	--	0.0 (0)	--	4.3 (12)	--	1.2 (2)	--
		Any respiratory tract infection	4.3 (3)	75.0	0.0 (0)	--	3.9 (11)	91.7	1.2 (2)	100
		LRTI	4.3 (3)	75.0	0.0 (0)	--	3.2 (9)	75.0	0.6 (1)	50.0

South Africa	Aminoglycosides	AOM	0.0 (0)	0.0	0.0 (0)	--	0.4 (1)	8.3	0.6 (1)	50.0
		Any	17.1 (12)	--	21.5 (9)	--	4.3 (12)	--	5.4 (9)	--
		Any respiratory tract infection	2.9 (2)	16.7	7.2 (3)	33.3	0.7 (2)	16.7	1.8 (3)	33.3
		LRTI	2.9 (2)	16.7	7.2 (3)	33.3	0.7 (2)	16.7	1.8 (3)	33.3
	Other antibiotics	AOM	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0
		Any	14.3 (10)	--	40.5 (17)	--	6.8 (19)	--	13.2 (22)	--
		Any respiratory tract infection	0.0 (0)	0.0	2.4 (1)	5.9	0.7 (2)	10.5	2.4 (4)	18.2
		LRTI	0.0 (0)	0.0	2.4 (1)	5.9	0.0 (0)	0.0	2.4 (4)	18.2
	Other antimicrobials	AOM	0.0 (0)	0.0	0.0 (0)	0.0	0.4 (1)	5.3	0.0 (0)	0.0
		Any	12.8 (9)	--	40.5 (17)	--	5.4 (15)	--	11.4 (19)	--
		Any respiratory tract infection	0.0 (0)	0.0	2.4 (1)	5.9	0.0 (0)	0.0	1.2 (2)	10.5
		LRTI	0.0 (0)	0.0	2.4 (1)	5.9	0.0 (0)	0.0	1.2 (2)	10.5
	Penicillins	AOM	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0
		Any	131.9 (507)	--	144 (281.0)	--	108.2 (1659)	--	111.7 (866)	--
		Any respiratory tract infection	112.1 (431)	85.0	118.4 (231)	82.2	98.8 (1515)	91.3	100.5 (779)	90.0
		LRTI	90.5 (348)	68.6	98.9 (193)	68.7	79.3 (1216)	73.3	80.6 (625)	72.2
	Cephalosporins	AOM	2.6 (10)	2.0	2.6 (5)	1.8	5.8 (89)	5.4	6.6 (51)	5.9
		Any	18.2 (70)	--	32.3 (63)	--	7.6 (116)	--	13.2 (102)	--
		Any respiratory tract infection	8.3 (32)	45.7	15.4 (30)	47.6	4.4 (67)	57.8	7.6 (59)	57.8
		LRTI	6.0 (23)	32.9	13.8 (27)	42.9	3.5 (53)	45.7	6.7 (52)	51.0
	Macrolides	AOM	0.5 (2)	2.9	0.0 (0)	0.0	0.4 (6)	5.2	0.3 (2)	2.0
		Any	2.9 (11)	--	4.1 (8)	--	2.3 (35)	--	2.2 (17)	--
		Any respiratory tract infection	2.3 (9)	81.8	3.1 (6)	75.0	2.0 (30)	85.7	1.9 (15)	88.2
		LRTI	1.3 (5)	45.5	3.1 (6)	75.0	1.6 (24)	68.6	1.7 (13)	76.5
	Aminoglycosides	AOM	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0
		Any	17.4 (67)	--	30.2 (59)	--	5.1 (78)	--	9.3 (72)	--
		Any respiratory tract infection	9.9 (38)	56.7	20.5 (40)	67.8	2.9 (44)	56.4	6.6 (51)	70.8
		LRTI	9.6 (37)	55.2	20.5 (40)	67.8	2.8 (43)	55.1	6.6 (51)	70.8
	Other antibiotics	AOM	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0
		Any	6.8 (26)	--	8.7 (17)	--	6.7 (103)	--	7.9 (61)	--
		Any respiratory tract infection	2.1 (8)	30.8	3.1 (6)	35.3	2.3 (36)	35.0	3.0 (23)	37.7
		LRTI	1.6 (6)	23.1	2.1 (4)	23.5	1.9 (29)	28.2	2.7 (21)	34.4
Other antimicrobials	AOM	0.3 (1)	3.8	0.0 (0)	0.0	0.1 (2)	1.9	0.0 (0)	0.0	
	Any	3.4 (13)	--	5.1 (10)	--	2.0 (31)	--	1.9 (15)	--	
	Any respiratory tract infection	0.3 (1)	7.7	1.0 (2)	20.0	0.3 (4)	12.9	0.4 (3)	20.0	
	LRTI	0.3 (1)	7.7	1.0 (2)	20.0	0.2 (3)	9.7	0.4 (3)	20.0	
Other low- and middle-income countries	AOM	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0	
	Any	98.4 (102)	--	84.9 (44)	--	70.1 (295)	--	58.3 (124)	--	
	Any respiratory tract infection									
	LRTI									

	Any respiratory tract infection	61.8 (64)	62.7	59.8 (31)	70.5	54.4 (229)	77.6	45.2 (96)	77.4
	LRTI	48.3 (50)	49.0	54.0 (28)	63.6	38.7 (163)	55.3	37.2 (79)	63.7
	AOM	1.1 (1)	1.0	0.0 (0)	0.0	1.4 (6)	2.0	0.9 (2)	1.6
Cephalosporins	Any	113.9 (118)	--	104.1 (54)	--	60.1 (253)	--	61.1 (130)	--
	Any respiratory tract infection	57.9 (60)	50.8	54.0 (28)	51.9	36.8 (155)	61.3	39.5 (84)	64.6
	LRTI	40.5 (42)	35.6	42.4 (22)	40.7	24.5 (103)	40.7	30.1 (64)	49.2
	AOM	0.0 (0)	0.0	0.0 (0)	0.0	1.9 (8)	3.2	0.9 (2)	1.5
Macrolides	Any	29.0 (30)	--	44.4 (23)	--	46.3 (195)	--	41.4 (88)	--
	Any respiratory tract infection	23.2 (24)	80.0	40.5 (21)	91.3	38.7 (163)	83.6	33.4 (71)	80.7
	LRTI	20.3 (21)	70.0	36.6 (19)	82.6	30.2 (127)	65.1	24.0 (51)	58.0
	AOM	0.0 (0)	0.0	0.0 (0)	0.0	0.7 (3)	1.5	0.0 (0)	0.0
Aminoglycosides	Any	56.9 (59)	--	50.1 (26)	--	15.4 (65)	--	13.2 (28)	--
	Any respiratory tract infection	18.3 (19)	32.2	17.4 (9)	34.6	5.7 (24)	36.9	4.7 (10)	35.7
	LRTI	12.5 (13)	22.0	13.5 (7)	26.9	3.6 (15)	23.1	3.3 (7)	25.0
	AOM	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0
Other antibiotics	Any	9.7 (10)	--	21.2 (11)	--	9.5 (40)	--	11.3 (24)	--
	Any respiratory tract infection	1.9 (2)	20.0	13.5 (7)	63.6	1.4 (6)	15.0	4.7 (10)	41.7
	LRTI	1.9 (2)	20.0	13.5 (7)	63.6	1.2 (5)	12.5	3.3 (7)	29.2
	AOM	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0
Other antimicrobials	Any	3.9 (4)	--	21.2 (11)	--	2.6 (11)	--	5.2 (11)	--
	Any respiratory tract infection	1.0 (1)	25.0	13.5 (7)	63.6	0.7 (3)	27.3	3.3 (7)	63.6
	LRTI	1.0 (1)	25.0	13.5 (7)	63.6	0.7 (3)	27.3	3.3 (7)	63.6
	AOM	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0	0.0 (0)	0.0

Table S4: Vaccine efficacy against prescribing for various syndromes among infants in the US, South Africa, and other settings.

Setting	Endpoint	Through 90d from birth				Through end of follow-up			
		RSV F Vaccine <i>no. of events per 100 person-years (no. of events)</i>	Placebo	Effect measures (95% CI)		RSV F Vaccine <i>no. of events per 100 person-years (no. of events)</i>	Placebo	Effect measures (95% CI)	
				<i>VE, %</i>	<i>no. of events averted per 100 person-years</i>			<i>VE, %</i>	<i>no. of events averted per 100 person-years</i>
United States									
	All antimicrobial prescriptions	50.0 (86)	55.8 (50)	10.4 (−33.1, 39.6)	5.8 (−18.5, 22.1)	62.5 (422)	66.7 (233)	6.3 (−17.4, 25.3)	4.2 (−11.6, 16.9)
	All antimicrobial prescriptions for respiratory tract infection	22.7 (39)	30.1 (27)	24.8 (−27.3, 55.6)	7.5 (−8.2, 16.8)	49.3 (333)	53.8 (188)	8.2 (−18.4, 28.7)	4.4 (−9.9, 15.5)
	All antimicrobial prescriptions for LRTI	7.0 (12)	19.0 (17)	63.4 (18.3, 83.6)	12.0 (3.5, 15.9)	7.7 (52)	10.0 (35)	22.9 (−32.2, 55.0)	2.3 (−3.2, 5.5)
	All antimicrobial prescriptions for AOM	3.5 (6)	10.0 (9)	65.3 (2.6, 87.7)	6.6 (0.3, 8.8)	31.1 (210)	37.8 (132)	17.6 (−15.3, 41.2)	6.7 (−5.8, 15.6)
Other high-income countries									
	All antimicrobial prescriptions	69.9 (49)	107.3 (45)	34.3 (−14.4, 62.2)	36.7 (−15.4, 66.7)	63.5 (177)	64.7 (108)	2.5 (−35.6, 29.9)	1.6 (−23.1, 19.3)
	All antimicrobial prescriptions for respiratory tract infection	24.3 (17)	40.5 (17)	34.2 (−44.2, 70.0)	13.9 (−17.9, 28.4)	40.5 (113)	39.5 (66)	−5.9 (−58.7, 29.3)	−2.3 (−23.2, 11.6)
	All antimicrobial prescriptions for LRTI	18.5 (13)	23.8 (10.0)	13.7 (−161.5, 71.5)	3.3 (−38.5, 17.0)	16.9 (47)	18.0 (30)	−4.6 (−95.8, 44.2)	−0.8 (−17.2, 7.9)
	All antimicrobial prescriptions for AOM	1.4 (1)	9.5 (4)	85.7 (−27.9, 98.4)	8.2 (−2.7, 9.4)	12.9 (36)	12.6 (21)	1.0 (−89.9, 48.4)	0.1 (−11.3, 6.1)
South Africa									
	All antimicrobial prescriptions	151.9 (584)	175.8 (343)	13.5 (−1.5, 26.3)	23.8 (−2.6, 46.3)	121.7 (1866)	129.1 (1001)	5.4 (−5.3, 15.0)	7.0 (−6.8, 19.4)
	All antimicrobial prescriptions for respiratory tract infection	122.5 (471)	132.7 (259)	7.7 (−10.3, 22.7)	10.2 (−13.7, 30.2)	106.0 (1625)	109.2 (847)	2.7 (−9.0, 13.2)	3.0 (−9.8, 14.4)
	All antimicrobial prescriptions for LRTI	97.6 (375)	110.7 (216)	11.9 (−7.0, 27.4)	13.1 (−7.8, 30.3)	85.0 (1304)	88.1 (683)	3.1 (−9.7, 14.5)	2.8 (−8.6, 12.7)
	All antimicrobial prescriptions for AOM	3.1 (12)	2.6 (5)	−22.0 (−292.6, 62.1)	−0.6 (−7.5, 1.6)	6.3 (96)	6.8 (53)	8.5 (−37.3, 38.9)	0.6 (−2.5, 2.7)
Other low- and middle-income countries									
	All antimicrobial prescriptions	248.0 (257)	241.1 (125)	1.1 (−27.7, 23.4)	2.6 (−66.7, 56.3)	182.7 (769)	166.5 (354)	−7.4 (−28.0, 9.9)	−12.3 (−46.5, 16.5)
	All antimicrobial prescriptions for respiratory tract infection	145.7 (151)	152.4 (79)	8.8 (−26.7, 34.3)	13.3 (−40.6, 52.2)	130.0 (547)	117.6 (250)	−8.5 (−33.1, 11.5)	−10.0 (−38.9, 13.6)
	All antimicrobial prescriptions for LRTI	113.9 (118)	131.1 (68)	16.6 (−22.0, 43.0)	21.8 (−28.8, 56.4)	93.6 (394)	89.8 (191)	−1.5 (−29.3, 20.3)	−1.4 (−26.4, 18.2)
	All antimicrobial prescriptions for AOM	1.0 (1)	0.0 (0)	—	—	4.0 (17)	1.9 (4)	−103.9 (−565.3, 37.5)	−2.0 (−10.6, 0.7)

Table S5: Incidence of antimicrobial prescribing among infants, by country and drug class.

Linked diagnosis	Setting	Through 90d from birth			Through end of follow-up			
		RSV F Vaccine	Placebo	Averted incidence (95% CI)	RSV F Vaccine	Placebo	Averted incidence (95% CI)	
		<i>no. of events per 100 children (no. of events)</i>		<i>no. of events per 100 children</i>	<i>no. of events per 100 children (no. of events)</i>		<i>no. of events per 100 children</i>	
All antibiotics	Argentina	20.7 (33)	25.1 (20)	4.3 (-18.4, 15.1)	54.3 (86)	57.5 (47)	4.2 (-29.4, 24.8)	
	Australia	5.6 (4)	10.1 (4)	4.6 (-16.4, 9.0)	26.3 (19)	25.0 (10)	-0.7 (-40.5, 14.9)	
	Bangladesh	139.0 (111)	126.1 (46)	-13.0 (-76.0, 30.4)	339.4 (279)	325.9 (122)	-14.7 (-129.4, 71.2)	
	Chile	16.0 (3)	35.5 (7)	19.8 (-61.7, 33.0)	42.4 (8)	64.6 (13)	23.1 (-89.5, 53.4)	
	Spain	31.6 (8)	25.4 (3)	-6.0 (-172.2, 20.4)	75.8 (19)	59.5 (7)	-16.7 (-169.0, 34.1)	
	Mexico	0.0 (0)	50.7 (2)	--	14.6 (1)	49.7 (2)	45.7 (-541.2, 49.7)	
	New Zealand	17.4 (25)	22.1 (19)	4.5 (-19.2, 14.6)	80.6 (114)	72.5 (61)	-8.7 (-51.8, 19.4)	
	Philippines	64.8 (109)	58.5 (51)	-6.2 (-36.7, 14.6)	227.1 (394)	197.9 (177)	-35.3 (-99.6, 15.1)	
	United Kingdom	19.3 (4)	18.4 (2)	-1.4 (-89.8, 14.8)	28.1 (6)	46.1 (5)	17.5 (-47.7, 37.4)	
	United States	8.7 (60)	12.3 (44)	3.6 (-1.3, 6.7)	56.2 (379)	62.2 (217)	6.0 (-8.8, 17.7)	
	South Africa	37.3 (573)	43.1 (336)	5.8 (-0.7, 11.3)	120.0 (1840)	127.7 (990)	7.3 (-6.4, 19.6)	
	Penicillins	Argentina	6.3 (10)	5.0 (4)	-1.3 (-15.0, 3.0)	12.6 (20)	9.8 (8)	-2.7 (-18.5, 4.3)
		Australia	4.2 (3)	10.1 (4)	6.0 (-13.2, 9.4)	20.8 (15)	20.0 (8)	-0.7 (-36.3, 12.4)
Bangladesh		37.6 (30)	41.1 (15)	3.5 (-28.7, 20.9)	76.6 (63)	77.5 (29)	0.6 (-44.8, 29.2)	
Chile		5.3 (1)	30.4 (6)	25.2 (-21.0, 29.9)	26.5 (5)	49.7 (10)	24.0 (-58.6, 43.6)	
Spain		19.8 (5)	16.9 (2)	-2.6 (-286.9, 15.7)	47.9 (12)	51.0 (6)	3.0 (-163.5, 40.3)	
Mexico		0.0 (0)	0.0 (0)	--	14.6 (1)	0.0 (0)	--	
New Zealand		12.5 (18)	18.6 (16)	6.0 (-10.2, 13.1)	63.6 (90)	58.2 (49)	-6.0 (43.1, 17.5)	
Philippines		36.8 (62)	28.7 (25)	-8.1 (-30.7, 5.9)	121.6 (211)	97.3 (87)	-26.1 (-65.4, 3.7)	
United Kingdom		14.5 (3)	9.2 (1)	-5.5 (-131.9, 7.7)	14.0 (3)	36.9 (4)	22.7 (-26.6, 33.7)	
United States		4.9 (34)	8.7 (31)	3.7 (0.5, 5.7)	35.3 (238)	42.7 (149)	7.5 (-2.1, 15.1)	
South Africa		33.0 (507)	36.0 (281)	3.0 (-2.9, 8.0)	108.2 (1659)	111.7 (866)	3.2 (-9.4, 14.5)	
Cephalosporins		Argentina	4.4 (7)	7.5 (6)	3.1 (-10.4, 6.4)	11.4 (18)	20.8 (17)	9.9 (-7.6, 16.6)
		Australia	1.4 (1)	0.0 (0)	--	4.2 (3)	2.5 (1)	-1.6 (-36.9, 2.1)
	Bangladesh	92.7 (74)	79.5 (29)	-13.3 (-78.0, 24.8)	181.3 (149)	154.9 (58)	-27.0 (-104.6, 27.4)	
	Chile	5.3 (1)	5.1 (1)	-0.3 (-80.3, 4.7)	10.6 (2)	5.0 (1)	-5.7 (-112.5, 4.0)	
	Spain	7.9 (2)	8.5 (1)	0.6 (-271.2, 8.2)	12.0 (3)	8.5 (1)	-3.4 (-182.4, 7.7)	
	Mexico	0.0 (0)	0.0 (0)	--	0.0 (0)	0.0 (0)	--	
	New Zealand	5.6 (8)	9.3 (8)	3.7 (-10.5, 7.7)	13.4 (19)	17.8 (15)	4.1 (-13.2, 11.8)	
	Philippines	22.0 (37)	21.8 (19)	-0.1 (-19.4, 10.2)	49.6 (86)	61.5 (55)	11.3 (-14.3, 28.2)	
	United Kingdom	4.8 (1)	9.2 (1)	4.4 (-68.0, 8.9)	9.4 (2)	9.2 (1)	-0.1 (-94.1, 8.4)	
	United States	2.2 (15)	2.5 (9)	0.3 (-3.1, 1.7)	15.0 (101)	14.6 (51)	-0.5 (-8.7, 4.8)	
	South Africa	4.6 (70)	8.1 (63)	3.5 (1.4, 5.0)	7.6 (116)	13.2 (102)	5.6 (2.8, 7.6)	
	Macrolides	Argentina	10.7 (17)	17.5 (14)	6.9 (-8.8, 13.2)	30.3 (48)	31.8 (26)	2.0 (-20.2, 14.8)
		Australia	0.0 (0)	0.0 (0)	--	1.4 (1)	0.0 (0)	--
Bangladesh		10.0 (8)	5.5 (2)	-4.5 (-41.7, 3.4)	68.1 (56)	80.1 (30)	11.7 (-29.9, 37.6)	
Chile		10.7 (2)	0.0 (0)	--	10.6 (2)	5.0 (1)	-5.5 (282.0, 4.6)	
Spain		4.0 (1)	0.0 (0)	--	12.0 (3)	0.0 (0)	--	
Mexico		0.0 (0)	50.7 (2)	--	0.0 (0)	49.7 (2)	--	
New Zealand		0.7 (1)	0.0 (0)	--	3.5 (5)	1.2 (1)	-2.3 (-35.0, 0.8)	
Philippines		3.0 (5)	5.7 (5)	2.8 (-4.5, 4.9)	52.4 (91)	33.5 (30)	-20.5 (-53.5, 0.0)	
United Kingdom		0.0 (0)	0.0 (0)	--	4.7 (1)	0.0 (0)	--	
United States		1.6 (11)	1.4 (5)	-0.2 (-3.2, 0.8)	4.7 (32)	4.3 (15)	-0.4 (-5.1, 1.9)	
South Africa		0.7 (11)	1.0 (8)	0.3 (-0.8, 0.7)	2.3 (35)	2.2 (17)	-0.1 (-2.0, 0.9)	
Aminoglycosides		Argentina	4.4 (7)	2.5 (2)	-1.9 (-18.7, 1.6)	4.4 (7)	2.4 (2)	-1.9 (-18.3, 16.)

	Australia	2.8 (2)	7.6 (3)	4.8 (-8.9, 7.1)	2.8 (2)	7.5 (3)	4.8 (-8.8, 7.0)
	Bangladesh	16.3 (13)	11.0 (4)	-5.3 (-38.8, 5.7)	19.5 (16)	13.4 (5)	-6.1 (-41.9, 6.5)
	Chile	0.0 (0)	0.0 (0.0)	--	0.0 (0)	0.0 (0.0)	--
	Spain	11.9 (3)	8.5 (1)	-3.3 (-104.1, 7.2)	12.0 (3)	8.5 (1)	-3.3 (-104.6, 7.3)
	Mexico	0.0 (0)	0.0 (0.0)	--	0.0 (0)	0.0 (0.0)	--
	New Zealand	3.5 (5)	4.7 (4)	1.1 (-12.3, 3.9)	3.5 (5)	4.8 (4)	1.1 (-12.6, 4.0)
	Philippines	23.2 (39)	22.9 (20)	-0.1 (-16.5, 9.5)	24.2 (42)	23.5 (21)	-0.7 (-17.4, 9.2)
	United Kingdom	9.7 (2)	9.2 (1)	-0.6 (-99.1, 8.3)	9.4 (2)	9.2 (1)	-0.6 (-99.1, 8.3)
	United States	2.8 (19)	3.3 (12)	0.6 (-2.5, 2.0)	3.0 (20)	3.7 (13)	0.7 (-2.4, 2.3)
	South Africa	4.4 (67)	7.6 (59)	3.2 (1.3, 4.6)	5.1 (78)	9.3 (72)	4.2 (2.1, 5.7)
Other antibiotics							
	Argentina	4.4 (7)	10.0 (8)	5.6 (-6.3, 8.8)	8.8 (14)	11.0 (9)	2.6 (-11.9, 7.9)
	Australia	4.2 (3)	10.1 (4)	6.0 (-11.8, 9.4)	6.9 (5)	12.5 (5)	5.6 (-17.5, 10.9)
	Bangladesh	0.0 (0)	8.2 (3)	--	20.7 (17)	29.4 (11)	8.7 (-27.6, 21.9)
	Chile	0.0 (0)	10.1 (2)	--	0.0 (0)	19.9 (4)	--
	Spain	0.0 (0)	16.9 (2)	--	16.0 (4)	17.0 (2)	0.8 (-88.8, 14.5)
	Mexico	0.0 (0)	19.9 (4)	--	0.0 (0)	0.0 (0.0)	--
	New Zealand	4.9 (7)	9.3 (8)	4.4 (-5.9, 7.7)	7.1 (10)	11.9 (10)	4.6 (-6.3, 9.0)
	Philippines	1.8 (3)	0.0 (0)	--	5.2 (9)	4.5 (4)	-0.9 (-16.8, 3.1)
	United Kingdom	0.0 (0)	9.2 (1)	--	0.0 (0)	9.2 (1)	--
	United States	4.2 (29)	3.3 (12)	-0.9 (-5.5, 1.3)	10.4 (70)	8.3 (29)	-2.0 (-9.1, 2.2)
	South Africa	1.7 (26)	2.2 (17)	0.5 (-1.0, 1.3)	6.7 (103)	7.9 (61)	1.2 (-2.0, 3.3)
Other antimicrobials							
	Argentina	1.9 (3)	10.0 (8)	8.1 (1.2, 9.6)	5.7 (9)	9.8 (8)	4.4 (-6.9, 8.1)
	Australia	4.2 (3)	10.1 (4)	6.0 (-11.8, 9.4)	6.9 (5)	10.0 (4)	3.1 (-18.5, 8.3)
	Bangladesh	0.0 (0)	8.2 (3)	--	0.0 (0)	8.0 (3)	--
	Chile	0.0 (0)	10.1 (2)	--	0.0 (0)	14.9 (3)	--
	Spain	0.0 (0)	16.9 (2)	--	12.0 (3)	17.0 (2)	4.9 (-82.3, 15.5)
	Mexico	0.0 (0)	0.0 (0)	--	0.0 (0)	0.0 (0)	--
	New Zealand	4.2 (6)	9.3 (8)	5.1 (-4.4, 8.0)	4.9 (7)	10.7 (9)	5.5 (-4.0, 8.9)
	Philippines	0.6 (1)	0.0 (0)	--	1.2 (2)	0.0 (0)	--
	United Kingdom	0.0 (0)	9.2 (1)	--	0.0 (0)	9.2 (1)	--
	United States	3.9 (27)	2.0 (7)	-2.0 (-7.7, 0.3)	7.4 (50)	5.7 (20)	-1.7 (-7.5, 1.6)
	South Africa	0.8 (13)	1.3 (10)	0.4 (-0.8, 0.9)	2.0 (31)	1.9 (15)	-0.1 (-2.0, 0.9)

Table S6: Vaccine efficacy against antimicrobial prescribing for various drug classes among infants in the US, South Africa, and other settings.

Setting	Endpoint	Through 90d from birth				Through end of follow-up			
		RSV F Vaccine no. of events per 100 person-years (no. of events)	Placebo no. of events per 100 person-years (no. of events)	Effect measures (95% CI)		RSV F Vaccine no. of events per 100 person-years (no. of events)	Placebo no. of events per 100 person-years (no. of events)	Effect measures (95% CI)	
				VE, %	no. of events averted per 100 person-years			VE, %	no. of events averted per 100 person-years
United States									
	All antibiotics	34.9 (60)	49.1 (44)	29.0 (-10.7, 54.5)	14.3 (-5.3, 26.8)	56.2 (379)	62.2 (217)	9.7 (-14.1, 28.5)	6.0 (-8.8, 17.7)
	Penicillins	19.8 (34)	34.6 (31)	42.9 (5.4, 65.5)	14.8 (1.9, 22.7)	35.3 (238)	42.7 (149)	17.6 (-4.8, 35.3)	7.5 (-2.1, 15.1)
	Cephalosporins	8.7 (15)	10.0 (9)	13.2 (-121.6, 66.0)	1.3 (-12.2, 6.6)	15.0 (101)	14.6 (51)	-3.6 (-59.5, 32.7)	-0.5 (-8.7, 4.8)
	Macrolides	6.4 (11)	5.6 (5)	-14.5 (-229.6, 60.2)	-0.8 (-12.8, 3.4)	4.7 (32)	4.3 (15)	-10.0 (-117.8, 44.5)	-0.4 (-5.1, 1.9)
	Aminoglycosides	11.0 (19)	13.4 (12)	17.3 (-74.3, 60.8)	2.3 (-10.0, 8.1)	3.0 (20)	3.7 (13)	19.7 (-64.4, 60.8)	0.7 (-2.4, 2.3)
	Other antibiotics	16.9 (29)	13.4 (12)	-25.9 (-165.1, 40.2)	-3.5 (-22.1, 5.4)	10.4 (70)	8.3 (29)	-24.2 (-109.4, 26.3)	-2.0 (-9.1, 2.2)
	Other antimicrobials	15.7 (27)	7.8 (7)	-101.1 (-392.3, 17.9)	-7.9 (-30.7, 1.4)	7.4 (50)	5.7 (20)	-29.0 (-131.2, 28.0)	-1.7 (-7.5, 1.6)
Other high-income countries									
	All antibiotics	62.8 (44)	83.4 (35)	24.2 (-39.0, 58.7)	20.2 (-32.5, 48.9)	59.5 (166)	57.5 (96)	-3.2 (-44.6, 26.4)	-1.8 (-25.7, 15.2)
	Penicillins	42.8 (30)	69.1 (29)	38.2 (-18.0, 67.6)	26.4 (-12.4, 46.7)	44.8 (125)	46.1 (77)	3.7 (-39.8, 33.6)	1.7 (-18.4, 15.5)
	Cephalosporins	18.5 (11)	26.2 (11)	26.6 (-98.2, 72.8)	7.0 (-25.7, 19.1)	10.4 (29)	11.4 (19)	6.2 (-83.3, 52.0)	0.7 (-9.5, 5.9)
	Macrolides	5.7 (4)	0.0 (0)	--	--	4.3 (12)	1.2 (2)	-303.9 (-2099.3, 25.8)	-3.6 (-25.2, 0.3)
	Aminoglycosides	17.1 (12)	21.5 (9)	27.5 (-78.1, 70.5)	5.9 (-16.8, 15.1)	4.3 (12)	5.4 (9)	27.5 (-78.1, 70.5)	1.5 (-4.2, 3.8)
	Other antibiotics	14.3 (10)	40.5 (17)	65.9 (18.3, 85.7)	26.7 (7.4, 34.7)	6.8 (19)	13.2 (22)	48.6 (-1.5, 73.9)	6.4 (-0.2, 9.7)
	Other antimicrobials	12.8 (9)	40.5 (17)	69.2 (24.3, 87.5)	28.0 (9.8, 35.4)	5.4 (15)	11.4 (19)	53.6 (1.4, 78.2)	6.1 (0.2, 8.9)
South Africa									
	All antibiotics	149.1 (573)	172.2 (336)	13.4 (-1.7, 26.3)	23.1 (-3.0, 45.2)	120.0 (1840)	127.7 (990)	5.7 (-5.0, 15.3)	7.3 (-6.4, 19.6)
	Penicillins	131.9 (507)	144.0 (281)	8.4 (-8.0, 22.3)	12.1 (-11.5, 32.0)	108.2 (1659)	111.7 (866)	2.8 (-8.4, 12.9)	3.2 (-9.4, 14.5)
	Cephalosporins	18.2 (70)	32.3 (63)	43.5 (16.8, 61.7)	14.1 (5.4, 19.9)	7.6 (116)	13.2 (102)	42.3 (21.3, 57.7)	5.6 (2.8, 7.6)
	Macrolides	2.9 (11)	4.1 (8)	30.2 (-73.5, 71.9)	1.2 (-3.0, 2.9)	2.3 (35)	2.2 (17)	-4.4 (-89.5, 42.4)	-0.1 (-2.0, 0.9)
	Aminoglycosides	17.4 (67)	30.2 (59)	42.5 (16.7, 60.3)	12.9 (5.1, 18.2)	5.1 (78)	9.3 (72)	45.1 (22.9, 60.9)	4.2 (2.1, 5.7)
	Other antibiotics	6.8 (26)	8.7 (17)	22.4 (-46.7, 58.9)	2.0 (-4.1, 5.1)	6.7 (103)	7.9 (61)	14.8 (-25.0, 41.9)	1.2 (-2.0, 3.3)
	Other antimicrobials	3.4 (13)	5.1 (10)	34.1 (-62.5, 73.3)	1.7 (-3.2, 3.8)	2.0 (31)	1.9 (15)	-4.3 (-103.5, 46.5)	-0.1 (-2.0, 0.9)
Other low- and middle-income countries									
	All antibiotics	244.2 (253)	229.5 (119)	-2.5 (-32.4, 20.6)	-5.8 (-74.4, 47.3)	180.6 (760)	163.7 (348)	-7.9 (-28.8, 9.6)	-13.0 (-47.1, 15.6)
	Penicillins	98.4 (102)	84.9 (44)	-15.1 (-64.1, 19.2)	-12.9 (-54.4, 16.3)	70.1 (295)	58.3 (124)	-20.4 (-51.2, 4.1)	-11.9 (-29.9, 2.4)
	Cephalosporins	113.9 (118)	104.1 (54)	-1.3 (-49.8, 31.5)	-1.3 (-51.8, 32.8)	60.1 (253)	61.1 (130)	11.1 (-15.8, 31.8)	6.8 (-9.7, 19.4)
	Macrolides	29.0 (30)	44.4 (23)	34.4 (-23.5, 71.9)	15.3 (-10.4, 28.9)	46.3 (195)	41.4 (88)	-11.3 (-48.7, 16.7)	-4.7 (-20.2, 6.9)
	Aminoglycosides	56.9 (59)	50.1 (26)	-13.7 (-80.3, 28.4)	-6.8 (-40.3, 14.2)	15.4 (65)	13.2 (28)	-16.1 (-80.8, 25.5)	-2.1 (-10.6, 3.4)
	Other antibiotics	9.7 (10)	21.2 (11)	52.2 (-40.6, 83)	11.1 (-8.6, 17.8)	9.5 (40)	11.3 (24)	16.8 (-55.5, 55.5)	1.9 (-6.3, 6.3)
	Other antimicrobials	3.9 (4)	21.2 (11)	81.1 (29.5, 95.0)	17.2 (6.2, 20.1)	2.6 (11)	5.2 (11)	51.3 (-31.6, 82.0)	2.7 (-1.6, 4.2)

Table S7: Vaccine efficacy against antimicrobial prescription among maternal participants within the intention-to-treat population.

Setting	Endpoint	Through end of follow-up		VE (95% CI) %
		RSV F Vaccine <i>no. of events per 100 person-years</i>	Placebo <i>(no. of events)</i>	
All countries		<i>1920 person-years</i>	<i>994 person-years</i>	
	All antimicrobial prescriptions	120.9 (2321)	122.6 (1218)	0.9 (-7.7, 8.8)
	All antimicrobial prescriptions for LRTI	22.6 (433)	23.4 (233)	2.7 (-18.1, 19.8)
High-income countries		<i>616 person-years</i>	<i>330 person-years</i>	
	All antimicrobial prescriptions	101.3 (624)	95.3 (314)	-7.3 (-25.8, 8.5)
	All antimicrobial prescriptions for LRTI	5.0 (31)	3.9 (13)	-31.4 (-164.4, 34.7)
Low- and middle-income countries		<i>1304 person-years</i>	<i>664 person-years</i>	
	All antimicrobial prescriptions	130.2 (1697)	136.1 (904)	4.0 (-5.8, 12.8)
	All antimicrobial prescriptions for LRTI	30.8 (402)	33.1 (220)	5.3 (-15.8, 22.6)

Table S8: Vaccine efficacy against antimicrobial prescription, by drug class, among maternal participants within the intention-to-treat population.

Endpoint	Drug	Through end of follow-up		VE (95% CI) %
		RSV F Vaccine <i>no. of events per 100 person-years</i> <i>1920 person-years</i>	Placebo <i>no. of events</i> <i>994 person-years</i>	
All antimicrobial prescriptions	Any antibiotic	117.6 (2258)	120.1 (1193)	1.5 (-7.1, 9.4)
	Penicillins	87.6 (1681)	88.3 (877)	0.2 (-9.8, 9.4)
	Cephalosporins	19.3 (371)	19.8 (197)	-0.3 (-20.3, 16.4)
	Macrolides	8.3 (160)	7.0 (70)	-24.9 (-68.5, 7.5)
	Aminoglycosides	2.4 (47)	2.6 (26)	2.6 (-63.9, 42.1)
	Other antibiotics	17.2 (330)	16.2 (161)	-6.9 (-31.7, 13.1)
	Antivirals, antifungals, antiprotozoans, and other antimicrobials	3.5 (67)	3.0 (30)	-13.3 (-88.2, 31.8)
	Antivirals	2.3 (44)	1.4 (14)	-64.4 (-223.3, 16.4)
	Antifungals	1.2 (23)	1.3 (13)	19.1 (-89.7, 65.5)
All antimicrobial prescriptions for LRTI	Any antibiotic	22.5 (432)	23.3 (232)	2.3 (-18.6, 19.4)
	Penicillins	19.8 (381)	19.8 (197)	0.1 (-22.7, 18.7)
	Cephalosporins	1.0 (19)	1.6 (16)	32.4 (-37.7, 66.8)
	Macrolides	1.6 (31)	2.0 (20)	13.4 (-53.9, 51.3)
	Aminoglycosides	--	--	--
	Other antibiotics	1.3 (24)	1.1 (11)	-9.1 (-131.2, 48.5)
	Antivirals, antifungals, antiprotozoans, and other antimicrobials	0.1 (2)	0.1 (1)	-3.8 (-1044.4, 90.6)
	Antivirals	--	0.1 (1)	--
	Antifungals	0.1 (1)	--	--

Table S9: Dates of enrollment in each trial location.

Season	Country	Period of vaccine or placebo administration
1	Australia	13 April 2016 to 10 May 2016
	Chile	25 April 2016 to 12 May 2016
	New Zealand	17 February 2016 to 9 May 2016
	South Africa	22 December 2015 to 7 March 2016
	United States	30 November 2015 to 16 December 2015
2	Argentina	23 January 2017 to 6 February 2017
	Australia	20 February 2017 to 13 June 2017
	Chile	12 January 2017 to 4 May 2017
	New Zealand	24 January 2017 to 7 June 2017
	South Africa	6 October 2016 to 29 March 2017
	Spain	7 November 2016 only
	United States	24 August 2016 to 3 January 2017
3	Argentina	21 December 2017 to 8 May 2018
	Australia	14 November 2017 to 11 May 2018
	Mexico	26 June 2017 to 23 October 2017
	New Zealand	8 January 2018 to 22 May 2018
	Philippines	30 June 2017 to 6 September 2017
	South Africa	27 September 2017 to 8 May 2018
	Spain	5 July 2017 to 1 December 2017
	United Kingdom	30 June 2017 to 19 October 2017
	United States	3 May 2017 to 29 December 2017
4	Bangladesh	29 January 2018 to 3 April 2018
	Philippines	20 March 2018 to 4 May 2018

Table S10: Antimicrobial prescriptions among infants.

Country	Drug Class	Subclass	Name	Follow-up observations			
				Through 90d from birth RSV F vaccine no. of events per 100 person- years (no. of events)	Placebo no. of events per 100 person- years (no. of events)	Through end of follow-up RSV F vaccine no. of events per 100 person- years (no. of events)	Placebo no. of events per 100 person- years (no. of events)
Argentina				39.8 person- years	20.0 person- years	158.3 person- years	81.7 person- years
	Antibiotics						
		Penicillins					
			Amoxicillin	5.0 (2)	5.0 (1)	6.9 (11)	6.1 (5)
			Ampicillin	20.1 (8)	15.0 (3)	5.1 (8)	3.7 (3)
			Cloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Dicloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Floxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Oxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Penicillin	0.0 (0)	0.0 (0)	0.6 (1)	0.0 (0)
			Piperacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cephalosporins (I)					
			Cefadroxil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Cefalexin	0.0 (0)	0.0 (0)	0.0 (0)	2.4 (2)
			Cefalotin	0.0 (0)	0.0 (0)	0.6 (1)	2.4 (2)
			Cefazolin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Cefradine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cephalosporins (II)					
			Cefaclor	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Cefoxitin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Cefprozil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Cefuroxime axetil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cephalosporins (III or IV)					
			Cefdinir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Cefditoren	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Cefepime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Cefixime	2.5 (1)	0.0 (0)	0.6 (1)	1.2 (1)
			Cefotaxime	0.0 (0)	5.0 (1)	0.0 (0)	1.2 (1)
			Cefpodoxime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Ceftazidime	2.5 (1)	0.0 (0)	0.6 (1)	0.0 (0)
			Ceftibuten	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Ceftriaxone	12.5 (5)	25.1 (5)	9.5 (15)	13.5 (11)
		Macrolides					
			Azithromycin	10.0 (4)	10.0 (2)	10.1 (16)	7.3 (6)
			Clarithromycin	30.1 (12)	70.1 (14)	19.6 (31)	26.9 (22)
			Erythromycin	2.5 (1)	0.0 (0)	0.6 (1)	0.0 (0)
			Roxithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Aminoglycosides					
			Amikacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Gentamicin	17.6 (7)	10.0 (2)	4.4 (7)	2.4 (2)
			Tobramycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Other antibiotics					
			Bacitracin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Benzalkonium chloride	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Chloramphenicol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Ciprofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Clindamycin	2.5 (1)	0.0 (0)	0.6 (1)	0.0 (0)
			Doxycycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Ertapenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Ethambutol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Fosfomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Hexamine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Isoniazid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Levofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Linezolid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Meropenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Metronidazole	2.5 (1)	0.0 (0)	0.6 (1)	0.0 (0)
			Minocycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Moxifloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Nitrofurantoin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Polymyxin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Pyrazinamide	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Rifampicin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
			Trimethoprim- sulfamethoxazole	2.5 (1)	0.0 (0)	1.9 (3)	1.2 (1)
			Vancomycin	2.5 (1)	0.0 (0)	0.6 (1)	0.0 (0)

		Unknown antibiotic	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)		
Australia	Antivirals	Abacavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)		
		Aciclovir	0.0 (0)	0.0 (0)	1.3 (2)	0.0 (0)		
		Amantadine	0.0 (0)	0.0 (0)	0.6 (1)	0.0 (0)		
		Efavirenz	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)		
		Emtricitabine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)		
		Ganciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)		
		Lamivudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)		
		Lopinavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)		
		Nevirapine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)		
		Oseltamivir	2.5 (1)	35.1 (7)	1.9 (3)	8.6 (7)		
		Tenofovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)		
		Valaciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)		
		Zidovudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)		
		Antifungals	Fluconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Itraconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
Ketoconazole	0.0 (0)		0.0 (0)	0.0 (0)	0.0 (0)			
Miconazole	0.0 (0)		0.0 (0)	0.0 (0)	0.0 (0)			
Nystatin	5.0 (2)		5.0 (1)	1.9 (3)	1.2 (1)			
Unknown antifungal	0.0 (0)		0.0 (0)	0.0 (0)	0.0 (0)			
Other antimicrobials	Ornidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)			
			<i>18.0 person-years</i>	<i>9.9 person-years</i>	<i>72.2 person-years</i>	<i>40.0 person-years</i>		
Australia	Antibiotics	Penicillins	Amoxicillin	11.1 (2)	20.3 (2)	16.6 (12)	15.0 (6)	
			Ampicillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Cloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Dicloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Floxacillin	0.0 (0)	0.0 (0)	2.8 (2)	0.0 (0)	
			Oxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Penicillin	5.6 (1)	20.3 (2)	1.4 (1)	5.0 (2)	
			Piperacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
		Cephalosporins (I)	Cefadroxil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Cefalexin	5.6 (1)	0.0 (0)	4.2 (3)	2.5 (1)	
			Cefalotin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Cefazolin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Cefradine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
		Cephalosporins (II)	Cefaclor	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Cefoxitin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Cefprozil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Cefuroxime axetil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
		Cephalosporins (III or IV)	Cefdinir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Cefditoren	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Cefepime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Cefixime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Cefotaxime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Cefpodoxime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Ceftazidime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Ceftibuten	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Ceftriaxone	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Macrolides	Azithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
				Clarithromycin	0.0 (0)	0.0 (0)	1.4 (1)	0.0 (0)
				Erythromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
				Roxithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Aminoglycosides	Amikacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Gentamicin	11.1 (2)	30.4 (3)	2.8 (2)	7.5 (3)	
			Tobramycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
		Other antibiotics	Bacitracin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Benzalkonium chloride	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Chloramphenicol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Ciprofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Clindamycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
			Doxycycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	

	Ertapenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ethambutol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Fosfomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Hexamine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Isoniazid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Levofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Linezolid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Meropenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Metronidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Minocycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Moxifloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nitrofurantoin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Polymyxin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Pyrazinamide	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Rifampicin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Trimethoprim-sulfamethoxazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Vancomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Unknown antibiotic	0.0 (0)	0.0 (0)	0.0 (0)	2.5 (1)
Antivirals					
	Abacavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Aciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Amantadine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Efavirenz	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Emtricitabine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ganciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Lamivudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Lopinavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nevirapine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Oseltamivir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Tenofovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Valaciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Zidovudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Antifungals					
	Fluconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Itraconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ketoconazole	0.0 (0)	0.0 (0)	1.4 (1)	0.0 (0)
	Miconazole	0.0 (0)	0.0 (0)	1.4 (1)	0.0 (0)
	Nystatin	16.7 (3)	40.6 (4)	4.2 (3)	10.0 (4)
	Unknown antifungal	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Other antimicrobials					
	Ornidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Bangladesh					
		<i>20.0 person-years</i>	<i>9.1 person-years</i>	<i>82.2 person-years</i>	<i>37.4 person-years</i>
Antibiotics					
	Penicillins				
	Amoxicillin	140.3 (28)	153.6 (14)	69.3 (57)	74.8 (28)
	Ampicillin	10.0 (2)	11.0 (1)	2.4 (2)	2.7 (1)
	Cloxacillin	0.0 (0)	0.0 (0)	1.2 (1)	0.0 (0)
	Dicloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Floxacillin	5.0 (1)	0.0 (0)	9.7 (8)	0.0 (0)
	Oxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Penicillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Piperacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cephalosporins (I)				
	Cefadroxil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefalexin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefalotin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefazolin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefradine	5.0 (1)	0.0 (0)	1.2 (1)	0.0 (0)
	Cephalosporins (II)				
	Cefaclor	60.1 (12)	65.8 (6)	18.2 (15)	21.4 (8)
	Cefoxitin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefprozil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefuroxime axetil	0.0 (0)	0.0 (0)	13.4 (11)	5.3 (2)
	Cephalosporins (III or IV)				
	Cefdinir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefditoren	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefepime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefixime	20.0 (4)	11.0 (1)	31.6 (26)	24.0 (9)
	Cefotaxime	75.2 (15)	43.9 (4)	18.2 (15)	10.7 (4)
	Cefpodoxime	190.4 (38)	186.5 (17)	66.9 (55)	77.5 (29)
	Ceftazidime	25.1 (5)	11.0 (1)	12.2 (10)	2.7 (1)

		Ceftibuten	0.0 (0)	0.0 (0)	1.2 (1)	0.0 (0)
		Ceftriaxone	0.0 (0)	0.0 (0)	19.5 (16)	13.4 (5)
	Macrolides					
		Azithromycin	30.1 (6)	21.9 (2)	66.9 (55)	85.5 (32)
		Clarithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Erythromycin	10.0 (2)	0.0 (0)	3.6 (3)	2.7 (1)
		Roxithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Aminoglycosides					
		Amikacin	10.0 (2)	0.0 (0)	6.1 (5)	2.7 (1)
		Gentamicin	55.1 (11)	43.9 (4)	13.4 (11)	10.7 (4)
		Tobramycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Other antibiotics					
		Bacitracin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Benzalkonium chloride	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Chloramphenicol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ciprofloxacin	0.0 (0)	0.0 (0)	6.1 (5)	0.0 (0)
		Clindamycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Doxycycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ertapenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ethambutol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Fosfomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Hexamine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Isoniazid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Levofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	2.7 (1)
		Linezolid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Meropenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Metronidazole	0.0 (0)	0.0 (0)	17.0 (14)	16.0 (6)
		Minocycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Moxifloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Nitrofurantoin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Polymyxin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Pyrazinamide	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Rifampicin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Trimethoprim-sulfamethoxazole	0.0 (0)	0.0 (0)	0.0 (0)	5.3 (2)
		Vancomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Unknown antibiotic	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Antivirals					
		Abacavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Aciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Amantadine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Efavirenz	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Emtricitabine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ganciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Lamivudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Lopinavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Nevirapine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Oseltamivir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Tenofovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Valaciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Zidovudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Antifungals					
		Fluconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Itraconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ketoconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Miconazole	0.0 (0)	21.9 (2)	0.0 (0)	5.3 (2)
		Nystatin	0.0 (0)	11.0 (1)	0.0 (0)	2.7 (1)
		Unknown antifungal	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Other antimicrobials					
		Ornidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Chile						
			4.7 person-years	4.9 person-years	18.8 person-years	20.1 person-years
	Antibiotics					
		Penicillins				
		Amoxicillin	0.0 (0)	81.2 (4)	21.2 (4)	39.8 (8)
		Ampicillin	21.4 (1)	0.0 (0)	5.3 (1)	0.0 (0)
		Cloxacillin	0.0 (0)	20.3 (1)	0.0 (0)	5.0 (1)
		Dicloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Floxacillin	0.0 (0)	20.3 (1)	0.0 (0)	5.0 (1)
		Oxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Penicillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Piperacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cephalosporins (I)				
		Cefadroxil	0.0 (0)	20.3 (1)	5.3 (1)	5.0 (1)

	Cefalexin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefalotin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefazolin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefradine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cephalexin (II)				
	Cefaclor	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefoxitin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefprozil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefuroxime axetil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cephalexin (III or IV)				
	Cefdinir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefditoren	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefepime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefixime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefotaxime	21.4 (1)	0.0 (0)	5.3 (1)	0.0 (0)
	Cefpodoxime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftazidime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftibuten	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftriaxone	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Macrolides				
	Azithromycin	42.7 (2)	0.0 (0)	10.6 (2)	5.0 (1)
	Clarithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Erythromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Roxithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Aminoglycosides				
	Amikacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Gentamicin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Tobramycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Other antibiotics				
	Bacitracin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Benzalkonium chloride	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Chloramphenicol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ciprofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Clindamycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Doxycycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ertapenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ethambutol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Fosfomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Hexamine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Isoniazid	0.0 (0)	0.0 (0)	0.0 (0)	5.0 (1)
	Levofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Linezolid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Meropenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Metronidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Minocycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Moxifloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nitrofurantoin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Polymyxin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Pyrazinamide	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Rifampicin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Trimethoprim-sulfamethoxazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Vancomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Unknown antibiotic	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Antivirals					
	Abacavir	0.0 (0)	0.0 (0)	0.0 (0)	5.0 (1)
	Aciclovir	0.0 (0)	40.6 (2)	0.0 (0)	9.9 (2)
	Amantadine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Efavirenz	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Emtricitabine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ganciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Lamivudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Lopinavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nevirapine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Oseltamivir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Tenofovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Valaciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Zidovudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Antifungals					
	Fluconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Itraconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ketoconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Miconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nystatin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Unknown antifungal	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)

Other antimicrobials					
Spain	Ornidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		<i>6.3 person-years</i>	<i>3.0 person-years</i>	<i>25.1 person-years</i>	<i>11.8 person-years</i>
Antibiotics					
	Penicillins				
	Amoxicillin	47.5 (3)	33.8 (1)	39.9 (10)	42.5 (5)
	Ampicillin	31.6 (2)	33.8 (1)	8.0 (2)	8.5 (1)
	Cloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Dicloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Floxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Oxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Penicillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Piperacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cephalosporins (I)				
	Cefadroxil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefalexin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefalotin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefazolin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefradine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cephalosporins (II)				
	Cefaclor	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefoxitin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefprozil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefuroxime axetil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cephalosporins (III or IV)				
	Cefdinir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefditoren	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefepime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefixime	15.8 (1)	33.8 (1)	8.0 (2)	8.5 (1)
	Cefotaxime	15.8 (1)	0.0 (0)	4.0 (1)	0.0 (0)
	Cefpodoxime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftazidime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftibuten	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftriaxone	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Macrolides				
	Azithromycin	15.8 (1)	0.0 (0)	12.0 (3)	0.0 (0)
	Clarithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Erythromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Roxithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Aminoglycosides				
	Amikacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Gentamicin	47.5 (3)	33.8 (1)	12.0 (3)	8.5 (1)
	Tobramycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Other antibiotics				
	Bacitracin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Benzalkonium chloride	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Chloramphenicol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ciprofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Clindamycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Doxycycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ertapenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ethambutol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Fosfomicin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Hexamine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Isoniazid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Levofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Linezolid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Meropenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Metronidazole	0.0 (0)	0.0 (0)	4.0 (1)	0.0 (0)
	Minocycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Moxifloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nitrofurantoin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Polymyxin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Pyrazinamide	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Rifampicin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Trimethoprim-sulfamethoxazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Vancomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Unknown antibiotic	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Antivirals				
	Abacavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Aciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)

		Amantadine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Efavirenz	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Emtricitabine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ganciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Lamivudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Lopinavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Nevirapine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Oseltamivir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Tenofovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Valaciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Zidovudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Antifungals					
		Fluconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Itraconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ketoconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Miconazole	0.0 (0)	67.6 (2)	8.0 (2)	17.0 (2)
		Nystatin	0.0 (0)	0.0 (0)	4.0 (1)	0.0 (0)
		Unknown antifungal	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Other antimicrobials					
		Ornidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Mexico						
			<i>1.7 person-years</i>	<i>1.0 person-years</i>	<i>6.8 person-years</i>	<i>4.0 person-years</i>
	Antibiotics					
		Penicillins				
		Amoxicillin	0.0 (0)	0.0 (0)	14.6 (1)	0.0 (0)
		Ampicillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Dicloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Floxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Oxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Penicillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Piperacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cephalosporins (I)				
		Cefadroxil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefalexin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefalotin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefazolin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefradine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cephalosporins (II)				
		Cefaclor	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefoxitin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefprozil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefuroxime axetil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cephalosporins (III or IV)				
		Cefdinir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefditoren	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefepime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefixime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefotaxime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefpodoxime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ceftazidime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ceftibuten	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ceftriaxone	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Macrolides				
		Azithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Clarithromycin	0.0 (0)	202.9 (2)	0.0 (0)	49.7 (2)
		Erythromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Roxithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Aminoglycosides				
		Amikacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Gentamicin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Tobramycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Other antibiotics				
		Bacitracin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Benzalkonium chloride	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Chloramphenicol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ciprofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Clindamycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Doxycycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ertapenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ethambutol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Fosfomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Hexamine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)

	Isoniazid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Levofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Linezolid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Meropenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Metronidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Minocycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Moxifloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nitrofurantoin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Polymyxin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Pyrazinamide	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Rifampicin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Trimethoprim-sulfamethoxazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Vancomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Unknown antibiotic	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Antivirals					
	Abacavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Aciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Amantadine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Efavirenz	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Emtricitabine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ganciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Lamivudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Lopinavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nevirapine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Oseltamivir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Tenofovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Valaciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Zidovudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Antifungals					
	Fluconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Itraconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ketoconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Miconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nystatin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Unknown antifungal	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Other antimicrobials					
	Ornidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
New Zealand					
		<i>35.9 person-years</i>	<i>21.5 person-years</i>	<i>141.4 person-years</i>	<i>84.2 person-years</i>
Antibiotics					
	Penicillins				
	Amoxicillin	41.8 (15)	69.8 (15)	60.1 (85)	57.0 (48)
	Ampicillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Dicloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Floxacillin	2.8 (1)	0.0 (0)	2.1 (3)	0.0 (0)
	Oxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Penicillin	8.4 (3)	4.7 (1)	2.1 (3)	1.2 (1)
	Piperacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cephalosporins (I)				
	Cefadroxil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefalexin	2.8 (1)	0.0 (0)	4.2 (6)	5.9 (5)
	Cefalotin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefazolin	0.0 (0)	0.0 (0)	0.7 (1)	0.0 (0)
	Cefradine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cephalosporins (II)				
	Cefaclor	0.0 (0)	4.7 (1)	2.8 (4)	3.6 (3)
	Cefoxitin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefprozil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefuroxime axetil	2.8 (1)	4.7 (1)	1.4 (2)	1.2 (1)
	Cephalosporins (III or IV)				
	Cefdinir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefditoren	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefepime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefixime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefotaxime	16.7 (6)	46.5 (10)	4.9 (7)	11.9 (10)
	Cefpodoxime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftazidime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftibuten	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftriaxone	2.8 (1)	0.0 (0)	0.7 (1)	0.0 (0)
	Macrolides				
	Azithromycin	0.0 (0)	0.0 (0)	0.7 (1)	0.0 (0)

		Clarithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Erythromycin	2.8 (1)	0.0 (0)	2.8 (4)	1.2 (1)
	Aminoglycosides	Roxithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Amikacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Gentamicin	13.9 (5)	18.6 (4)	3.5 (5)	4.8 (4)
	Other antibiotics	Tobramycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Bacitracin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Benzalkonium chloride	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Chloramphenicol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ciprofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Clindamycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Doxycycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ertapenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ethambutol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Fosfomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Hexamine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Isoniazid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Levofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Linezolid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Meropenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Metronidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Minocycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Moxifloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Nitrofurantoin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Polymyxin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Pyrazinamide	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Rifampicin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Trimethoprim-sulfamethoxazole	2.8 (1)	0.0 (0)	2.1 (3)	1.2 (1)
		Vancomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Antivirals	Unknown antibiotic	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Abacavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Aciclovir	2.8 (1)	0.0 (0)	0.7 (1)	0.0 (0)
		Amantadine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Efavirenz	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Emtricitabine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ganciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Lamivudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Lopinavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Nevirapine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Oseltamivir	0.0 (0)	0.0 (0)	0.0 (0)	1.2 (1)
		Tenofovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Valaciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Antifungals	Zidovudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Fluconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Itraconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ketoconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Miconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Nystatin	13.9 (5)	37.2 (8)	4.2 (6)	9.5 (8)
	Other antimicrobials	Unknown antifungal	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ornidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Philippines			<i>42.1 person-years</i>	<i>21.8 person-years</i>	<i>173.5 person-years</i>	<i>89.4 person-years</i>
	Antibiotics					
		Penicillins				
		Amoxicillin	97.4 (41)	73.4 (16)	99.7 (173)	85.0 (76)
		Ampicillin	52.3 (22)	41.3 (9)	15.6 (27)	16.8 (15)
		Cloxacillin	0.0 (0)	4.6 (1)	4.6 (8)	5.6 (5)
		Dicloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Floxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Oxacillin	2.4 (1)	0.0 (0)	1.7 (3)	0.0 (0)
		Penicillin	0.0 (0)	0.0 (0)	4.0 (7)	0.0 (0)
		Piperacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cephalosporins (I)				
		Cefadroxil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefalexin	9.5 (4)	18.4 (4)	11.5 (20)	17.9 (16)
		Cefalotin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefazolin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Cefradine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)

	Cephalosporins (II)				
	Cefaclor	2.4 (1)	0.0 (0)	4.0 (7)	3.4 (3)
	Cefoxitin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefprozil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefuroxime axetil	4.8 (2)	4.6 (1)	7.5 (13)	8.9 (8)
	Cephalosporins (III or IV)				
	Cefdinir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefditoren	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefepime	2.4 (1)	0.0 (0)	0.6 (1)	0.0 (0)
	Cefixime	11.9 (5)	18.4 (4)	9.8 (17)	14.5 (13)
	Cefotaxime	54.7 (23)	59.7 (13)	13.3 (23)	14.5 (13)
	Cefpodoxime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftazidime	2.4 (1)	0.0 (0)	0.6 (1)	0.0 (0)
	Ceftibuten	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftriaxone	2.4 (1)	0.0 (0)	2.3 (4)	4.5 (4)
	Macrolides				
	Azithromycin	0.0 (0)	4.6 (1)	3.5 (6)	4.5 (4)
	Clarithromycin	9.5 (4)	18.4 (4)	50.1 (87)	29.1 (26)
	Erythromycin	2.4 (1)	0.0 (0)	0.6 (1)	0.0 (0)
	Roxithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Aminoglycosides				
	Amikacin	87.9 (37)	91.8 (20)	23.1 (40)	23.5 (21)
	Gentamicin	4.8 (2)	0.0 (0)	1.7 (3)	0.0 (0)
	Tobramycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Other antibiotics				
	Bacitracin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Benzalkonium chloride	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Chloramphenicol	0.0 (0)	0.0 (0)	0.6 (1)	0.0 (0)
	Ciprofloxacin	2.4 (1)	0.0 (0)	0.6 (1)	0.0 (0)
	Clindamycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Doxycycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ertapenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ethambutol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Fosfomicin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Hexamine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Isoniazid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Levofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Linezolid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Meropenem	4.8 (2)	0.0 (0)	3.5 (6)	0.0 (0)
	Metronidazole	2.4 (1)	0.0 (0)	2.3 (4)	2.2 (2)
	Minocycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Moxifloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nitrofurantoin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Polymyxin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Pyrazinamide	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Rifampicin	2.4 (1)	0.0 (0)	0.6 (1)	0.0 (0)
	Trimethoprim-sulfamethoxazole	0.0 (0)	0.0 (0)	1.7 (3)	2.2 (2)
	Vancomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Unknown antibiotic	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Antivirals					
	Abacavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Aciclovir	2.4 (1)	0.0 (0)	0.6 (1)	0.0 (0)
	Amantadine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Efavirenz	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Emtricitabine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ganciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Lamivudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Lopinavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nevirapine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Oseltamivir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Tenofovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Valaciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Zidovudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Antifungals					
	Fluconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Itraconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ketoconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Miconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nystatin	0.0 (0)	0.0 (0)	0.6 (1)	0.0 (0)
	Unknown antifungal	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Other antimicrobials					
	Ornidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)

		5.2 person-years	2.7 person-years	21.4 person-years	10.8 person-years
Antibiotics					
Penicillins					
	Amoxicillin	0.0 (0)	0.0 (0)	0.0 (0)	18.4 (2)
	Ampicillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Dicloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Floxacillin	19.3 (1)	0.0 (0)	4.7 (1)	9.2 (1)
	Oxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Penicillin	38.7 (2)	36.9 (1)	9.4 (2)	9.2 (1)
	Piperacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Cephalosporins (I)					
	Cefadroxil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefalexin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefalotin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefazolin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefradine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Cephalosporins (II)					
	Cefaclor	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefoxitin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefprozil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefuroxime axetil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Cephalosporins (III or IV)					
	Cefdinir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefditoren	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefepime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefixime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefotaxime	0.0 (0)	36.9 (1)	0.0 (0)	9.2 (1)
	Cefpodoxime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftazidime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftibuten	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftriaxone	19.3 (1)	0.0 (0)	9.4 (2)	0.0 (0)
Macrolides					
	Azithromycin	0.0 (0)	0.0 (0)	4.7 (1)	0.0 (0)
	Clarithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Erythromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Roxithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Aminoglycosides					
	Amikacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Gentamicin	38.7 (2)	36.9 (1)	9.4 (2)	9.2 (1)
	Tobramycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Other antibiotics					
	Bacitracin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Benzalkonium chloride	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Chloramphenicol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ciprofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Clindamycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Doxycycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ertapenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ethambutol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Fosfomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Hexamine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Isoniazid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Levofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Linezolid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Meropenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Metronidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Minocycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Moxifloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nitrofurantoin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Polymyxin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Pyrazinamide	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Rifampicin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Trimethoprim-sulfamethoxazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Vancomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Unknown antibiotic	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Antivirals					
	Abacavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Aciclovir	0.0 (0)	36.9 (1)	0.0 (0)	9.2 (1)
	Amantadine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Efavirenz	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)

United States	Antifungals	Emtricitabine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ganciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Lamivudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Lopinavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Nevirapine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Oseltamivir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Tenofovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Valaciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Zidovudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Fluconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Itraconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Ketoconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Miconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Nystatin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Unknown antifungal	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Other antimicrobials	Ornidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Antibiotics		<i>172.0</i>	<i>89.6 person-years</i>	<i>674.8 person-years</i>	<i>349.1 person-years</i>
		Penicillins				
		Amoxicillin	7.6 (13)	15.6 (14)	32.6 (220)	37.8 (132)
		Ampicillin	12.2 (21)	19.0 (17)	3.3 (22)	4.9 (17)
		Cloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Dicloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Floxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Oxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
		Penicillin	0.0 (0)	0.0 (0)	0.1 (1)	0.3 (1)
	Piperacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Cephalosporins (I)					
	Cefadroxil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Cefalexin	2.3 (4)	0.0 (0)	1.8 (12)	1.4 (5)	
	Cefalotin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Cefazolin	0.6 (1)	0.0 (0)	0.4 (3)	0.0 (0)	
	Cefradine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Cephalosporins (II)					
	Cefaclor	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Cefoxitin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Cefprozil	0.0 (0)	0.0 (0)	0.4 (3)	0.3 (1)	
	Cefuroxime axetil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Cephalosporins (III or IV)					
	Cefdinir	1.2 (2)	2.2 (2)	9.0 (61)	9.5 (33)	
	Cefditoren	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Cefepime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Cefixime	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	
	Cefotaxime	1.2 (2)	2.2 (2)	0.3 (2)	0.6 (2)	
	Cefpodoxime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Ceftazidime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Ceftibuten	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Ceftriaxone	4.1 (7)	6.7 (6)	3.7 (25)	4.0 (14)	
	Macrolides					
	Azithromycin	4.7 (8)	4.5 (4)	4.1 (28)	4.0 (14)	
	Clarithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Erythromycin	1.7 (3)	1.1 (1)	0.6 (4)	0.3 (1)	
	Roxithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Aminoglycosides					
	Amikacin	0.0 (0)	1.1 (1)	0.0 (0)	0.3 (1)	
	Gentamicin	11.0 (19)	12.3 (11)	2.8 (19)	3.2 (11)	
	Tobramycin	0.0 (0)	0.0 (0)	0.1 (1)	0.3 (1)	
	Other antibiotics					
	Bacitracin	0.0 (0)	0.0 (0)	0.3 (2)	0.0 (0)	
	Benzalkonium chloride	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Chloramphenicol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Ciprofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Clindamycin	0.6 (1)	2.2 (2)	0.6 (4)	1.1 (4)	
	Doxycycline	0.0 (0)	0.0 (0)	0.3 (2)	0.0 (0)	
	Ertapenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Ethambutol	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Fosfomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Hexamine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	
	Isoniazid	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	

	Levofloxacin	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)
	Linezolid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Meropenem	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Metronidazole	0.0 (0)	1.1 (1)	0.0 (0)	0.3 (1)
	Minocycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Moxifloxacin	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)
	Nitrofurantoin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Polymyxin	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)
	Pyrazinamide	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Rifampicin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Trimethoprim-sulfamethoxazole	0.6 (1)	0.0 (0)	1.0 (7)	0.6 (2)
	Vancomycin	0.0 (0)	2.2 (2)	0.4 (3)	0.6 (2)
	Unknown antibiotic	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Antivirals	Abacavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Aciclovir	0.6 (1)	0.0 (0)	0.1 (1)	0.0 (0)
	Amantadine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Efavirenz	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Emtricitabine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ganciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Lamivudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Lopinavir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nevirapine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Oseltamivir	8.7 (15)	2.2 (2)	4.7 (32)	2.6 (9)
	Tenofovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Valaciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Zidovudine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Antifungals	Fluconazole	5.2 (9)	1.1 (1)	2.1 (14)	1.7 (6)
	Itraconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ketoconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Miconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nystatin	1.7 (3)	4.5 (4)	0.7 (5)	1.4 (5)
	Unknown antifungal	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Other antimicrobials	Ornidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
South Africa		384.4	195.1 person-years	1533.7	775.4
		person-years		person-years	person-years
Antibiotics	Penicillins				
	Amoxicillin	112.4 (432)	110.2 (215)	104.6 (1604)	103.0 (799)
	Ampicillin	20.6 (79)	38.4 (75)	6.2 (95)	11.6 (90)
	Cloxacillin	1.8 (7)	2.1 (4)	0.5 (8)	1.0 (8)
	Dicloxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Floxacillin	0.5 (2)	0.0 (0)	0.3 (4)	0.0 (0)
	Oxacillin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Penicillin	1.3 (5)	2.1 (4)	0.6 (9)	1.2 (9)
	Piperacillin	0.0 (0)	0.0 (0)	0.2 (3)	0.3 (2)
	Cephalosporins (I)				
	Cefadroxil	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)
	Cefalexin	3.4 (13)	2.1 (4)	1.7 (26)	1.9 (15)
	Cefalotin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefazolin	0.0 (0)	0.0 (0)	0.1 (2)	0.1 (1)
	Cefradine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cephalosporins (II)				
	Cefaclor	0.5 (2)	0.0 (0)	0.1 (2)	0.0 (0)
	Cefoxitin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefprozil	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefuroxime axetil	0.3 (1)	0.5 (1)	0.3 (5)	0.8 (6)
	Cephalosporins (III or IV)				
	Cefdinir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefditoren	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefepime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefixime	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Cefotaxime	11.4 (44)	23.6 (46)	3.2 (49)	6.8 (53)
	Cefpodoxime	0.8 (3)	2.6 (5)	1.1 (17)	1.8 (14)
	Ceftazidime	0.3 (1)	0.5 (1)	0.1 (1)	0.1 (1)
	Ceftibuten	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ceftriaxone	2.3 (9)	3.6 (7)	1.1 (17)	1.8 (14)
	Macrolides				
	Azithromycin	2.1 (8)	3.1 (6)	1.3 (20)	1.8 (14)
	Clarithromycin	0.0 (0)	0.5 (1)	0.1 (1)	0.1 (1)

	Erythromycin	0.8 (3)	0.5 (1)	0.9 (14)	0.3 (2)
	Roxithromycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Aminoglycosides	Amikacin	2.6 (10)	4.1 (8)	0.8 (13)	1.5 (12)
	Gentamicin	15.1 (58)	26.7 (52)	4.3 (66)	7.9 (61)
	Tobramycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
Other antibiotics	Bacitracin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Benzalkonium chloride	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Chloramphenicol	0.3 (1)	0.0 (0)	0.2 (3)	0.0 (0)
	Ciprofloxacin	0.3 (1)	0.0 (0)	0.2 (3)	0.8 (6)
	Clindamycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Doxycycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ertapenem	0.3 (1)	0.0 (0)	0.3 (5)	0.0 (0)
	Ethambutol	0.0 (0)	0.0 (0)	0.1 (2)	0.6 (5)
	Fosfomycin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Hexamine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Isoniazid	0.3 (1)	1.0 (2)	1.0 (16)	1.7 (13)
	Levofloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Linezolid	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Meropenem	0.3 (1)	0.0 (0)	0.1 (1)	0.4 (3)
	Metronidazole	0.8 (3)	0.0 (0)	0.3 (5)	0.1 (1)
	Minocycline	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Moxifloxacin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Nitrofurantoin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Polymyxin	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Pyrazinamide	0.3 (1)	0.0 (0)	0.5 (7)	1.3 (10)
	Rifampicin	0.3 (1)	0.0 (0)	0.5 (8)	1.3 (10)
	Trimethoprim-sulfamethoxazole	1.8 (7)	2.1 (4)	1.7 (26)	1.5 (12)
	Vancomycin	0.3 (1)	0.0 (0)	0.1 (1)	0.1 (1)
	Unknown antibiotic	0.0 (0)	2.1 (4)	0.9 (14)	1.4 (11)
Antivirals	Abacavir	0.3 (1)	0.0 (0)	0.1 (2)	0.0 (0)
	Aciclovir	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)
	Amantadine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Efavirenz	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Emtricitabine	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ganciclovir	0.0 (0)	0.5 (1)	0.0 (0)	0.1 (1)
	Lamivudine	0.3 (1)	0.0 (0)	0.1 (2)	0.0 (0)
	Lopinavir	0.5 (2)	0.0 (0)	0.2 (3)	0.0 (0)
	Nevirapine	0.5 (2)	0.0 (0)	0.1 (2)	0.0 (0)
	Oseltamivir	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)
	Tenofovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Valaciclovir	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Zidovudine	0.5 (2)	0.0 (0)	0.2 (3)	0.0 (0)
Antifungals	Fluconazole	0.8 (3)	0.5 (1)	0.3 (5)	0.3 (2)
	Itraconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Ketoconazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
	Miconazole	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)
	Nystatin	1.6 (6)	3.6 (7)	1.2 (19)	1.4 (11)
	Unknown antifungal	0.0 (0)	0.5 (1)	0.0 (0)	0.1 (1)
Other antimicrobials	Ornidazole	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)

Table S11: Antimicrobial prescribing among maternal participants.

Country	Drug Class	Subclass	Name	Follow-up observations	
				RSV F vaccine no. of events per 100 person-years	Through end of follow-up Placebo (no. of events)
Argentina				98.3 person-years	50.2 person-years
	Antibiotics				
		Penicillins			
			Amoxicillin	14.2 (14)	17.9 (9)
			Ampicillin	1.0 (1)	11.9 (6)
			Cloxacillin	0.0 (0)	0.0 (0)
			Dicloxacillin	0.0 (0)	0.0 (0)
			Floxacillin	0.0 (0)	0.0 (0)
			Oxacillin	0.0 (0)	0.0 (0)
			Penicillin	11.2 (11)	8.0 (4)
			Piperacillin	0.0 (0)	0.0 (0)
		Cephalosporins (I)			
			Cefadroxil	0.0 (0)	0.0 (0)
			Cefalexin	4.1 (4)	13.9 (7)
			Cefalotin	14.2 (14)	15.9 (8)
			Cefazolin	0.0 (0)	0.0 (0)
			Cefradine	0.0 (0)	0.0 (0)
		Cephalosporins (II)			
			Cefaclor	0.0 (0)	0.0 (0)
			Cefoxitin	0.0 (0)	0.0 (0)
			Cefprozil	0.0 (0)	0.0 (0)
			Cefuroxime axetil	0.0 (0)	0.0 (0)
		Cephalosporins (III or IV)			
			Cefdinir	0.0 (0)	0.0 (0)
			Cefditoren	0.0 (0)	0.0 (0)
			Cefepime	0.0 (0)	0.0 (0)
			Cefixime	0.0 (0)	0.0 (0)
			Cefotaxime	0.0 (0)	0.0 (0)
			Cefpodoxime	0.0 (0)	0.0 (0)
			Ceftazidime	0.0 (0)	0.0 (0)
			Ceftibuten	0.0 (0)	0.0 (0)
			Ceftriaxone	0.0 (0)	4.0 (2)
		Macrolides			
			Azithromycin	1.0 (1)	0.0 (0)
			Clarithromycin	1.0 (1)	0.0 (0)
			Erythromycin	0.0 (0)	0.0 (0)
			Roxithromycin	0.0 (0)	0.0 (0)
		Aminoglycosides			
			Amikacin	0.0 (0)	0.0 (0)
			Gentamicin	18.3 (18)	19.9 (10)
			Tobramycin	0.0 (0)	0.0 (0)
		Other antibiotics			
			Bacitracin	0.0 (0)	0.0 (0)
			Benzalkonium chloride	0.0 (0)	2.0 (1)
			Chloramphenicol	0.0 (0)	0.0 (0)
			Ciprofloxacin	0.0 (0)	0.0 (0)
			Clindamycin	1.0 (1)	2.0 (1)
			Doxycycline	0.0 (0)	0.0 (0)
			Ertapenem	0.0 (0)	0.0 (0)
			Ethambutol	0.0 (0)	0.0 (0)
			Fosfomycin	0.0 (0)	0.0 (0)
			Hexamine	0.0 (0)	0.0 (0)
			Isoniazid	0.0 (0)	0.0 (0)
			Levofloxacin	0.0 (0)	0.0 (0)
			Linezolid	0.0 (0)	0.0 (0)
			Meropenem	0.0 (0)	0.0 (0)
			Metronidazole	20.4 (20)	15.9 (8)
			Minocycline	0.0 (0)	0.0 (0)
			Moxifloxacin	0.0 (0)	0.0 (0)
			Nitrofurantoin	1.0 (1)	0.0 (0)
			Polymyxin	0.0 (0)	0.0 (0)
			Pyrazinamide	0.0 (0)	0.0 (0)
			Rifampicin	1.0 (1)	0.0 (0)
			Trimethoprim-sulfamethoxazole	2.0 (2)	4.0 (2)
			Vancomycin	1.0 (1)	0.0 (0)
			Unknown antibiotic	0.0 (0)	0.0 (0)
	Antivirals				

		Abacavir	0.0 (0)	0.0 (0)
		Aciclovir	0.0 (0)	0.0 (0)
		Amantadine	0.0 (0)	0.0 (0)
		Efavirenz	0.0 (0)	0.0 (0)
		Emtricitabine	0.0 (0)	0.0 (0)
		Ganciclovir	0.0 (0)	0.0 (0)
		Lamivudine	0.0 (0)	0.0 (0)
		Lopinavir	0.0 (0)	0.0 (0)
		Nevirapine	0.0 (0)	0.0 (0)
		Oseltamivir	0.0 (0)	0.0 (0)
		Tenofovir	0.0 (0)	0.0 (0)
		Valaciclovir	0.0 (0)	0.0 (0)
		Zidovudine	0.0 (0)	0.0 (0)
	Antifungals			
		Fluconazole	0.0 (0)	0.0 (0)
		Itraconazole	0.0 (0)	0.0 (0)
		Ketoconazole	0.0 (0)	0.0 (0)
		Miconazole	0.0 (0)	0.0 (0)
		Nystatin	0.0 (0)	0.0 (0)
		Unknown antifungal	0.0 (0)	0.0 (0)
	Other antimicrobials			
		Ornidazole	0.0 (0)	6.0 (3)
Australia			47.0 person-years	24.4 person-years
	Antibiotics			
	Penicillins			
		Amoxicillin	29.8 (14)	20.5 (5)
		Ampicillin	2.1 (1)	0.0 (0)
		Cloxacillin	0.0 (0)	0.0 (0)
		Dicloxacillin	4.3 (2)	4.1 (1)
		Floxacillin	14.9 (7)	0.0 (0)
		Oxacillin	0.0 (0)	0.0 (0)
		Penicillin	25.5 (12)	57.3 (14)
		Piperacillin	2.1 (1)	0.0 (0)
	Cephalosporins (I)			
		Cefadroxil	0.0 (0)	0.0 (0)
		Cefalexin	34.0 (16)	20.5 (5)
		Cefalotin	2.1 (1)	0.0 (0)
		Cefazolin	12.8 (6)	8.2 (2)
		Cefradine	0.0 (0)	0.0 (0)
	Cephalosporins (II)			
		Cefaclor	0.0 (0)	0.0 (0)
		Cefoxitin	0.0 (0)	0.0 (0)
		Cefprozil	0.0 (0)	0.0 (0)
		Cefuroxime axetil	0.0 (0)	0.0 (0)
	Cephalosporins (III or IV)			
		Cefdinir	0.0 (0)	0.0 (0)
		Cefditoren	0.0 (0)	0.0 (0)
		Cefepime	0.0 (0)	0.0 (0)
		Cefixime	0.0 (0)	0.0 (0)
		Cefotaxime	0.0 (0)	0.0 (0)
		Cefpodoxime	0.0 (0)	0.0 (0)
		Ceftazidime	0.0 (0)	0.0 (0)
		Ceftibuten	0.0 (0)	0.0 (0)
		Ceftriaxone	0.0 (0)	0.0 (0)
	Macrolides			
		Azithromycin	0.0 (0)	0.0 (0)
		Clarithromycin	0.0 (0)	0.0 (0)
		Erythromycin	0.0 (0)	0.0 (0)
		Roxithromycin	0.0 (0)	0.0 (0)
	Aminoglycosides			
		Amikacin	0.0 (0)	0.0 (0)
		Gentamicin	6.4 (3)	4.1 (1)
		Tobramycin	0.0 (0)	0.0 (0)
	Other antibiotics			
		Bacitracin	0.0 (0)	0.0 (0)
		Benzalkonium chloride	0.0 (0)	0.0 (0)
		Chloramphenicol	0.0 (0)	0.0 (0)
		Ciprofloxacin	0.0 (0)	0.0 (0)
		Clindamycin	2.1 (1)	0.0 (0)
		Doxycycline	0.0 (0)	0.0 (0)
		Ertapenem	0.0 (0)	0.0 (0)
		Ethambutol	0.0 (0)	0.0 (0)
		Fosfomicin	0.0 (0)	0.0 (0)

		Hexamine	0.0 (0)	0.0 (0)
		Isoniazid	0.0 (0)	0.0 (0)
		Levofloxacin	0.0 (0)	0.0 (0)
		Linezolid	0.0 (0)	0.0 (0)
		Meropenem	0.0 (0)	0.0 (0)
		Metronidazole	14.9 (7)	4.1 (1)
		Minocycline	0.0 (0)	0.0 (0)
		Moxifloxacin	0.0 (0)	0.0 (0)
		Nitrofurantoin	0.0 (0)	0.0 (0)
		Polymyxin	0.0 (0)	0.0 (0)
		Pyrazinamide	0.0 (0)	0.0 (0)
		Rifampicin	0.0 (0)	0.0 (0)
		Trimethoprim-sulfamethoxazole	0.0 (0)	0.0 (0)
		Vancomycin	0.0 (0)	0.0 (0)
		Unknown antibiotic	0.0 (0)	8.2 (2)
	Antivirals			
		Abacavir	0.0 (0)	0.0 (0)
		Aciclovir	4.3 (2)	0.0 (0)
		Amantadine	0.0 (0)	0.0 (0)
		Efavirenz	0.0 (0)	0.0 (0)
		Emtricitabine	0.0 (0)	0.0 (0)
		Ganciclovir	0.0 (0)	0.0 (0)
		Lamivudine	0.0 (0)	0.0 (0)
		Lopinavir	0.0 (0)	0.0 (0)
		Nevirapine	0.0 (0)	0.0 (0)
		Oseltamivir	0.0 (0)	0.0 (0)
		Tenofovir	0.0 (0)	0.0 (0)
		Valaciclovir	2.1 (1)	0.0 (0)
		Zidovudine	0.0 (0)	0.0 (0)
	Antifungals			
		Fluconazole	6.4 (3)	12.3 (3)
		Itraconazole	0.0 (0)	0.0 (0)
		Ketoconazole	0.0 (0)	0.0 (0)
		Miconazole	0.0 (0)	0.0 (0)
		Nystatin	10.6 (5)	0.0 (0)
		Unknown antifungal	0.0 (0)	0.0 (0)
	Other antimicrobials			
		Ornidazole	0.0 (0)	0.0 (0)
Bangladesh			41.9 person-years	26.5 person-years
	Antibiotics			
	Penicillins			
		Amoxicillin	54.9 (23)	22.6 (6)
		Ampicillin	0.0 (0)	0.0 (0)
		Cloxacillin	0.0 (0)	0.0 (0)
		Dicloxacillin	0.0 (0)	0.0 (0)
		Floxacillin	28.6 (12)	7.5 (2)
		Oxacillin	0.0 (0)	0.0 (0)
		Penicillin	0.0 (0)	0.0 (0)
		Piperacillin	0.0 (0)	0.0 (0)
	Cephalosporins (I)			
		Cefadroxil	0.0 (0)	0.0 (0)
		Cefalexin	0.0 (0)	0.0 (0)
		Cefalotin	0.0 (0)	0.0 (0)
		Cefazolin	0.0 (0)	0.0 (0)
		Cefradine	7.2 (3)	7.5 (2)
	Cephalosporins (II)			
		Cefaclor	0.0 (0)	0.0 (0)
		Cefoxitin	0.0 (0)	0.0 (0)
		Cefprozil	0.0 (0)	0.0 (0)
		Cefuroxime axetil	57.2 (24)	64.1 (17)
	Cephalosporins (III or IV)			
		Cefdinir	0.0 (0)	0.0 (0)
		Cefditoren	0.0 (0)	0.0 (0)
		Cefepime	0.0 (0)	0.0 (0)
		Cefixime	14.3 (6)	15.1 (4)
		Cefotaxime	2.4 (1)	0.0 (0)
		Cefpodoxime	0.0 (0)	0.0 (0)
		Ceftazidime	0.0 (0)	0.0 (0)
		Ceftibuten	0.0 (0)	0.0 (0)
		Ceftriaxone	14.3 (6)	7.5 (2)
	Macrolides			
		Azithromycin	66.8 (28)	64.1 (17)

		Clarithromycin	2.4 (1)	0.0 (0)
		Erythromycin	0.0 (0)	0.0 (0)
		Roxithromycin	0.0 (0)	0.0 (0)
	Aminoglycosides			
		Amikacin	0.0 (0)	0.0 (0)
		Gentamicin	2.4 (1)	0.0 (0)
		Tobramycin	0.0 (0)	0.0 (0)
	Other antibiotics			
		Bacitracin	0.0 (0)	0.0 (0)
		Benzalkonium chloride	0.0 (0)	0.0 (0)
		Chloramphenicol	0.0 (0)	0.0 (0)
		Ciprofloxacin	2.4 (1)	11.3 (3)
		Clindamycin	0.0 (0)	0.0 (0)
		Doxycycline	0.0 (0)	0.0 (0)
		Ertapenem	0.0 (0)	0.0 (0)
		Ethambutol	0.0 (0)	0.0 (0)
		Fosfomycin	0.0 (0)	0.0 (0)
		Hexamine	0.0 (0)	0.0 (0)
		Isoniazid	0.0 (0)	0.0 (0)
		Levofloxacin	0.0 (0)	0.0 (0)
		Linezolid	4.8 (2)	0.0 (0)
		Meropenem	0.0 (0)	0.0 (0)
		Metronidazole	38.2 (16)	15.1 (4)
		Minocycline	0.0 (0)	0.0 (0)
		Moxifloxacin	0.0 (0)	0.0 (0)
		Nitrofurantoin	0.0 (0)	3.8 (1)
		Polymyxin	0.0 (0)	0.0 (0)
		Pyrazinamide	0.0 (0)	0.0 (0)
		Rifampicin	0.0 (0)	0.0 (0)
		Trimethoprim-sulfamethoxazole	0.0 (0)	0.0 (0)
		Vancomycin	0.0 (0)	0.0 (0)
		Unknown antibiotic	2.4 (1)	0.0 (0)
	Antivirals			
		Abacavir	0.0 (0)	0.0 (0)
		Aciclovir	0.0 (0)	0.0 (0)
		Amantadine	0.0 (0)	0.0 (0)
		Efavirenz	0.0 (0)	0.0 (0)
		Emtricitabine	0.0 (0)	0.0 (0)
		Ganciclovir	0.0 (0)	0.0 (0)
		Lamivudine	0.0 (0)	0.0 (0)
		Lopinavir	0.0 (0)	0.0 (0)
		Nevirapine	0.0 (0)	0.0 (0)
		Oseltamivir	0.0 (0)	0.0 (0)
		Tenofovir	0.0 (0)	0.0 (0)
		Valaciclovir	0.0 (0)	0.0 (0)
		Zidovudine	0.0 (0)	0.0 (0)
	Antifungals			
		Fluconazole	11.9 (5)	3.8 (1)
		Itraconazole	2.4 (1)	0.0 (0)
		Ketoconazole	0.0 (0)	0.0 (0)
		Miconazole	2.4 (1)	3.8 (1)
		Nystatin	0.0 (0)	0.0 (0)
		Unknown antifungal	0.0 (0)	0.0 (0)
	Other antimicrobials			
		Ornidazole	0.0 (0)	0.0 (0)
Chile			12.0 person-years	11.9 person-years
	Antibiotics			
	Penicillins			
		Amoxicillin	8.4 (1)	8.4 (1)
		Ampicillin	0.0 (0)	16.8 (2)
		Cloxacillin	0.0 (0)	8.4 (1)
		Dicloxacillin	0.0 (0)	0.0 (0)
		Floxacillin	8.4 (1)	0.0 (0)
		Oxacillin	0.0 (0)	0.0 (0)
		Penicillin	8.4 (1)	42.1 (5)
		Piperacillin	0.0 (0)	0.0 (0)
	Cephalosporins (I)			
		Cefadroxil	16.7 (2)	0.0 (0)
		Cefalexin	0.0 (0)	0.0 (0)
		Cefalotin	0.0 (0)	0.0 (0)
		Cefazolin	8.4 (1)	16.8 (2)
		Cefradine	0.0 (0)	0.0 (0)
	Cephalosporins (II)			

	Cefaclor	0.0 (0)	0.0 (0)
	Cefoxitin	0.0 (0)	0.0 (0)
	Cefprozil	0.0 (0)	0.0 (0)
	Cefuroxime axetil	0.0 (0)	0.0 (0)
	Cephalosporins (III or IV)		
	Cefdinir	0.0 (0)	0.0 (0)
	Cefditoren	0.0 (0)	0.0 (0)
	Cefepime	0.0 (0)	0.0 (0)
	Cefixime	0.0 (0)	0.0 (0)
	Cefotaxime	0.0 (0)	0.0 (0)
	Cefpodoxime	0.0 (0)	0.0 (0)
	Ceftazidime	0.0 (0)	0.0 (0)
	Ceftibuten	0.0 (0)	0.0 (0)
	Ceftriaxone	0.0 (0)	0.0 (0)
	Macrolides		
	Azithromycin	0.0 (0)	0.0 (0)
	Clarithromycin	0.0 (0)	0.0 (0)
	Erythromycin	0.0 (0)	0.0 (0)
	Roxithromycin	0.0 (0)	0.0 (0)
	Aminoglycosides		
	Amikacin	0.0 (0)	0.0 (0)
	Gentamicin	0.0 (0)	16.8 (2)
	Tobramycin	0.0 (0)	0.0 (0)
	Other antibiotics		
	Bacitracin	0.0 (0)	0.0 (0)
	Benzalkonium chloride	0.0 (0)	0.0 (0)
	Chloramphenicol	0.0 (0)	0.0 (0)
	Ciprofloxacin	0.0 (0)	0.0 (0)
	Clindamycin	0.0 (0)	0.0 (0)
	Doxycycline	0.0 (0)	0.0 (0)
	Ertapenem	0.0 (0)	0.0 (0)
	Ethambutol	0.0 (0)	0.0 (0)
	Fosfomycin	0.0 (0)	0.0 (0)
	Hexamine	0.0 (0)	0.0 (0)
	Isoniazid	0.0 (0)	0.0 (0)
	Levofloxacin	0.0 (0)	0.0 (0)
	Linezolid	0.0 (0)	0.0 (0)
	Meropenem	0.0 (0)	0.0 (0)
	Metronidazole	0.0 (0)	8.4 (1)
	Minocycline	0.0 (0)	0.0 (0)
	Moxifloxacin	0.0 (0)	0.0 (0)
	Nitrofurantoin	0.0 (0)	8.4 (1)
	Polymyxin	0.0 (0)	0.0 (0)
	Pyrazinamide	0.0 (0)	0.0 (0)
	Rifampicin	0.0 (0)	0.0 (0)
	Trimethoprim-sulfamethoxazole	0.0 (0)	0.0 (0)
	Vancomycin	0.0 (0)	0.0 (0)
	Unknown antibiotic	0.0 (0)	0.0 (0)
	Antivirals		
	Abacavir	0.0 (0)	0.0 (0)
	Aciclovir	0.0 (0)	0.0 (0)
	Amantadine	0.0 (0)	0.0 (0)
	Efavirenz	0.0 (0)	0.0 (0)
	Emtricitabine	0.0 (0)	0.0 (0)
	Ganciclovir	0.0 (0)	0.0 (0)
	Lamivudine	0.0 (0)	0.0 (0)
	Lopinavir	0.0 (0)	0.0 (0)
	Nevirapine	0.0 (0)	0.0 (0)
	Oseltamivir	0.0 (0)	0.0 (0)
	Tenofovir	0.0 (0)	0.0 (0)
	Valaciclovir	0.0 (0)	0.0 (0)
	Zidovudine	0.0 (0)	0.0 (0)
	Antifungals		
	Fluconazole	0.0 (0)	0.0 (0)
	Itraconazole	0.0 (0)	0.0 (0)
	Ketoconazole	0.0 (0)	0.0 (0)
	Miconazole	0.0 (0)	0.0 (0)
	Nystatin	0.0 (0)	0.0 (0)
	Unknown antifungal	0.0 (0)	0.0 (0)
	Other antimicrobials		
	Ornidazole	0.0 (0)	0.0 (0)
Spain			

15.3 person-years

6.9 person-years

Antibiotics

Antibiotics	Penicillins	Amoxicillin	58.7 (9)	72.5 (5)	
		Ampicillin	19.6 (3)	29.0 (2)	
		Cloxacillin	0.0 (0)	0.0 (0)	
		Dicloxacillin	0.0 (0)	0.0 (0)	
		Floxacillin	0.0 (0)	0.0 (0)	
		Oxacillin	0.0 (0)	0.0 (0)	
		Penicillin	26.1 (4)	58.0 (4)	
		Piperacillin	0.0 (0)	0.0 (0)	
		Cephalosporins (I)	Cefadroxil	0.0 (0)	0.0 (0)
			Cefalexin	0.0 (0)	14.5 (1)
	Cefalotin		0.0 (0)	0.0 (0)	
	Cefazolin		19.6 (3)	14.5 (1)	
	Cefradine		0.0 (0)	0.0 (0)	
	Cephalosporins (II)	Cefaclor	0.0 (0)	0.0 (0)	
		Cefoxitin	0.0 (0)	0.0 (0)	
		Cefprozil	0.0 (0)	0.0 (0)	
		Cefuroxime axetil	0.0 (0)	0.0 (0)	
	Cephalosporins (III or IV)	Cefdinir	0.0 (0)	0.0 (0)	
		Cefditoren	0.0 (0)	14.5 (1)	
		Cefepime	0.0 (0)	0.0 (0)	
		Cefixime	0.0 (0)	0.0 (0)	
		Cefotaxime	6.5 (1)	0.0 (0)	
		Cefpodoxime	0.0 (0)	0.0 (0)	
		Ceftazidime	0.0 (0)	0.0 (0)	
		Ceftibuten	0.0 (0)	0.0 (0)	
		Ceftriaxone	6.5 (1)	0.0 (0)	
		Macrolides	Azithromycin	0.0 (0)	0.0 (0)
	Clarithromycin		0.0 (0)	0.0 (0)	
	Erythromycin		6.5 (1)	0.0 (0)	
	Roxithromycin		0.0 (0)	0.0 (0)	
	Aminoglycosides	Amikacin	0.0 (0)	0.0 (0)	
		Gentamicin	0.0 (0)	14.5 (1)	
		Tobramycin	0.0 (0)	0.0 (0)	
	Other antibiotics	Bacitracin	0.0 (0)	0.0 (0)	
		Benzalkonium chloride	0.0 (0)	0.0 (0)	
		Chloramphenicol	0.0 (0)	0.0 (0)	
		Ciprofloxacin	0.0 (0)	0.0 (0)	
		Clindamycin	0.0 (0)	0.0 (0)	
		Doxycycline	6.5 (1)	0.0 (0)	
		Ertapenem	0.0 (0)	0.0 (0)	
		Ethambutol	0.0 (0)	0.0 (0)	
		Fosfomycin	6.5 (1)	14.5 (1)	
Hexamine		0.0 (0)	0.0 (0)		
Isoniazid		0.0 (0)	0.0 (0)		
Levofloxacin		0.0 (0)	0.0 (0)		
Linezolid		0.0 (0)	0.0 (0)		
Meropenem		0.0 (0)	0.0 (0)		
Metronidazole		6.5 (1)	0.0 (0)		
Minocycline		0.0 (0)	0.0 (0)		
Moxifloxacin		0.0 (0)	0.0 (0)		
Nitrofurantoin		0.0 (0)	0.0 (0)		
Polymyxin		0.0 (0)	0.0 (0)		
Pyrazinamide		0.0 (0)	0.0 (0)		
Rifampicin		0.0 (0)	0.0 (0)		
Trimethoprim-sulfamethoxazole		0.0 (0)	0.0 (0)		
Vancomycin		0.0 (0)	0.0 (0)		
Unknown antibiotic	0.0 (0)	0.0 (0)			
Antivirals	Abacavir	0.0 (0)	0.0 (0)		
	Aciclovir	0.0 (0)	0.0 (0)		
	Amantadine	0.0 (0)	0.0 (0)		
	Efavirenz	0.0 (0)	0.0 (0)		
	Emtricitabine	0.0 (0)	0.0 (0)		
	Ganciclovir	0.0 (0)	0.0 (0)		
	Lamivudine	0.0 (0)	0.0 (0)		
	Lopinavir	0.0 (0)	0.0 (0)		

		Nevirapine	0.0 (0)	0.0 (0)
		Oseltamivir	0.0 (0)	0.0 (0)
		Tenofovir	0.0 (0)	0.0 (0)
		Valaciclovir	0.0 (0)	0.0 (0)
		Zidovudine	0.0 (0)	0.0 (0)
	Antifungals	Fluconazole	0.0 (0)	0.0 (0)
		Itraconazole	0.0 (0)	0.0 (0)
		Ketoconazole	0.0 (0)	0.0 (0)
		Miconazole	0.0 (0)	0.0 (0)
		Nystatin	0.0 (0)	0.0 (0)
		Unknown antifungal	0.0 (0)	0.0 (0)
	Other antimicrobials	Ornidazole	0.0 (0)	0.0 (0)
Mexico			4.6 person-years	2.5 person-years
	Antibiotics			
	Penicillins			
		Amoxicillin	0.0 (0)	0.0 (0)
		Ampicillin	0.0 (0)	0.0 (0)
		Cloxacillin	0.0 (0)	0.0 (0)
		Dicloxacillin	0.0 (0)	0.0 (0)
		Floxacillin	0.0 (0)	0.0 (0)
		Oxacillin	0.0 (0)	0.0 (0)
		Penicillin	0.0 (0)	0.0 (0)
		Piperacillin	0.0 (0)	0.0 (0)
	Cephalosporins (I)			
		Cefadroxil	0.0 (0)	0.0 (0)
		Cefalexin	0.0 (0)	0.0 (0)
		Cefalotin	0.0 (0)	0.0 (0)
		Cefazolin	0.0 (0)	0.0 (0)
		Cefradine	0.0 (0)	0.0 (0)
	Cephalosporins (II)			
		Cefaclor	0.0 (0)	0.0 (0)
		Cefoxitin	0.0 (0)	0.0 (0)
		Cefprozil	0.0 (0)	0.0 (0)
		Cefuroxime axetil	0.0 (0)	0.0 (0)
	Cephalosporins (III or IV)			
		Cefdinir	0.0 (0)	0.0 (0)
		Cefditoren	0.0 (0)	0.0 (0)
		Cefepime	0.0 (0)	0.0 (0)
		Cefixime	0.0 (0)	0.0 (0)
		Cefotaxime	0.0 (0)	0.0 (0)
		Cefpodoxime	0.0 (0)	0.0 (0)
		Ceftazidime	0.0 (0)	0.0 (0)
		Ceftibuten	0.0 (0)	0.0 (0)
		Ceftriaxone	0.0 (0)	0.0 (0)
	Macrolides			
		Azithromycin	0.0 (0)	0.0 (0)
		Clarithromycin	0.0 (0)	0.0 (0)
		Erythromycin	0.0 (0)	0.0 (0)
		Roxithromycin	0.0 (0)	0.0 (0)
	Aminoglycosides			
		Amikacin	0.0 (0)	0.0 (0)
		Gentamicin	0.0 (0)	0.0 (0)
		Tobramycin	0.0 (0)	0.0 (0)
	Other antibiotics			
		Bacitracin	0.0 (0)	0.0 (0)
		Benzalkonium chloride	0.0 (0)	0.0 (0)
		Chloramphenicol	0.0 (0)	0.0 (0)
		Ciprofloxacin	0.0 (0)	0.0 (0)
		Clindamycin	0.0 (0)	0.0 (0)
		Doxycycline	0.0 (0)	0.0 (0)
		Ertapenem	0.0 (0)	0.0 (0)
		Ethambutol	0.0 (0)	0.0 (0)
		Fosfomycin	0.0 (0)	0.0 (0)
		Hexamine	0.0 (0)	0.0 (0)
		Isoniazid	0.0 (0)	0.0 (0)
		Levofloxacin	0.0 (0)	0.0 (0)
		Linezolid	0.0 (0)	0.0 (0)
		Meropenem	0.0 (0)	0.0 (0)
		Metronidazole	0.0 (0)	0.0 (0)
		Minocycline	0.0 (0)	0.0 (0)
		Moxifloxacin	0.0 (0)	0.0 (0)

		Nitrofurantoin	0.0 (0)	0.0 (0)
		Polymyxin	0.0 (0)	0.0 (0)
		Pyrazinamide	0.0 (0)	0.0 (0)
		Rifampicin	0.0 (0)	0.0 (0)
		Trimethoprim-sulfamethoxazole	0.0 (0)	0.0 (0)
		Vancomycin	0.0 (0)	0.0 (0)
		Unknown antibiotic	0.0 (0)	0.0 (0)
	Antivirals			
		Abacavir	0.0 (0)	0.0 (0)
		Aciclovir	0.0 (0)	0.0 (0)
		Amantadine	0.0 (0)	0.0 (0)
		Efavirenz	0.0 (0)	0.0 (0)
		Emtricitabine	0.0 (0)	0.0 (0)
		Ganciclovir	0.0 (0)	0.0 (0)
		Lamivudine	0.0 (0)	0.0 (0)
		Lopinavir	0.0 (0)	0.0 (0)
		Nevirapine	0.0 (0)	0.0 (0)
		Oseltamivir	0.0 (0)	0.0 (0)
		Tenofovir	0.0 (0)	0.0 (0)
		Valaciclovir	0.0 (0)	0.0 (0)
		Zidovudine	0.0 (0)	0.0 (0)
	Antifungals			
		Fluconazole	0.0 (0)	0.0 (0)
		Itraconazole	0.0 (0)	0.0 (0)
		Ketoconazole	0.0 (0)	0.0 (0)
		Miconazole	0.0 (0)	0.0 (0)
		Nystatin	0.0 (0)	0.0 (0)
		Unknown antifungal	0.0 (0)	0.0 (0)
	Other antimicrobials			
		Ornidazole	0.0 (0)	0.0 (0)
New Zealand			<i>90.9 person-years</i>	<i>53.7 person-years</i>
	Antibiotics			
	Penicillins			
		Amoxicillin	74.8 (68)	54.0 (29)
		Ampicillin	0.0 (0)	0.0 (0)
		Cloxacillin	0.0 (0)	0.0 (0)
		Dicloxacillin	0.0 (0)	0.0 (0)
		Floxacillin	20.9 (19)	11.2 (6)
		Oxacillin	0.0 (0)	0.0 (0)
		Penicillin	22.0 (20)	27.9 (15)
		Piperacillin	0.0 (0)	0.0 (0)
	Cephalosporins (I)			
		Cefadroxil	0.0 (0)	0.0 (0)
		Cefalexin	0.0 (0)	0.0 (0)
		Cefalotin	0.0 (0)	0.0 (0)
		Cefazolin	9.9 (9)	11.2 (6)
		Cefradine	0.0 (0)	0.0 (0)
	Cephalosporins (II)			
		Cefaclor	3.3 (3)	1.9 (1)
		Cefoxitin	0.0 (0)	0.0 (0)
		Cefprozil	0.0 (0)	0.0 (0)
		Cefuroxime axetil	5.5 (5)	9.3 (5)
	Cephalosporins (III or IV)			
		Cefdinir	0.0 (0)	0.0 (0)
		Cefditoren	0.0 (0)	0.0 (0)
		Cefepime	0.0 (0)	0.0 (0)
		Cefixime	0.0 (0)	0.0 (0)
		Cefotaxime	0.0 (0)	0.0 (0)
		Cefpodoxime	0.0 (0)	0.0 (0)
		Ceftazidime	0.0 (0)	0.0 (0)
		Ceftibuten	0.0 (0)	0.0 (0)
		Ceftriaxone	0.0 (0)	0.0 (0)
	Macrolides			
		Azithromycin	2.2 (2)	1.9 (1)
		Clarithromycin	0.0 (0)	0.0 (0)
		Erythromycin	2.2 (2)	5.6 (3)
		Roxithromycin	1.1 (1)	3.7 (2)
	Aminoglycosides			
		Amikacin	0.0 (0)	0.0 (0)
		Gentamicin	1.1 (1)	0.0 (0)
		Tobramycin	0.0 (0)	0.0 (0)
	Other antibiotics			

		Bacitracin	0.0 (0)	0.0 (0)
		Benzalkonium chloride	0.0 (0)	0.0 (0)
		Chloramphenicol	0.0 (0)	0.0 (0)
		Ciprofloxacin	0.0 (0)	0.0 (0)
		Clindamycin	1.1 (1)	0.0 (0)
		Doxycycline	0.0 (0)	0.0 (0)
		Ertapenem	0.0 (0)	0.0 (0)
		Ethambutol	0.0 (0)	0.0 (0)
		Fosfomycin	0.0 (0)	0.0 (0)
		Hexamine	0.0 (0)	0.0 (0)
		Isoniazid	0.0 (0)	0.0 (0)
		Levofloxacin	0.0 (0)	0.0 (0)
		Linezolid	0.0 (0)	0.0 (0)
		Meropenem	0.0 (0)	0.0 (0)
		Metronidazole	5.5 (5)	3.7 (2)
		Minocycline	0.0 (0)	0.0 (0)
		Moxifloxacin	0.0 (0)	0.0 (0)
		Nitrofurantoin	2.2 (2)	0.0 (0)
		Polymyxin	0.0 (0)	0.0 (0)
		Pyrazinamide	0.0 (0)	0.0 (0)
		Rifampicin	0.0 (0)	0.0 (0)
		Trimethoprim-sulfamethoxazole	9.9 (9)	5.6 (3)
		Vancomycin	0.0 (0)	0.0 (0)
		Unknown antibiotic	0.0 (0)	0.0 (0)
	Antivirals			
		Abacavir	0.0 (0)	0.0 (0)
		Aciclovir	0.0 (0)	0.0 (0)
		Amantadine	0.0 (0)	0.0 (0)
		Efavirenz	0.0 (0)	0.0 (0)
		Emtricitabine	0.0 (0)	0.0 (0)
		Ganciclovir	0.0 (0)	0.0 (0)
		Lamivudine	0.0 (0)	0.0 (0)
		Lopinavir	0.0 (0)	0.0 (0)
		Nevirapine	0.0 (0)	0.0 (0)
		Oseltamivir	0.0 (0)	0.0 (0)
		Tenofovir	0.0 (0)	0.0 (0)
		Valaciclovir	0.0 (0)	0.0 (0)
		Zidovudine	0.0 (0)	0.0 (0)
	Antifungals			
		Fluconazole	1.1 (1)	0.0 (0)
		Itraconazole	0.0 (0)	0.0 (0)
		Ketoconazole	0.0 (0)	0.0 (0)
		Miconazole	0.0 (0)	0.0 (0)
		Nystatin	0.0 (0)	0.0 (0)
		Unknown antifungal	0.0 (0)	0.0 (0)
	Other antimicrobials			
		Ornidazole	0.0 (0)	0.0 (0)
Philippines			123.7 person-years	57.3 person-years
	Antibiotics			
		Penicillins		
		Amoxicillin	121.3 (150)	125.6 (72)
		Ampicillin	55.0 (68)	50.6 (29)
		Cloxacillin	1.6 (2)	1.7 (1)
		Dicloxacillin	0.0 (0)	0.0 (0)
		Floxacillin	0.0 (0)	0.0 (0)
		Oxacillin	0.0 (0)	0.0 (0)
		Penicillin	0.0 (0)	0.0 (0)
		Piperacillin	0.0 (0)	0.0 (0)
		Cephalosporins (I)		
		Cefadroxil	0.0 (0)	0.0 (0)
		Cefalexin	21.8 (27)	17.4 (10)
		Cefalotin	0.0 (0)	0.0 (0)
		Cefazolin	0.0 (0)	0.0 (0)
		Cefradine	0.0 (0)	0.0 (0)
		Cephalosporins (II)		
		Cefaclor	0.0 (0)	0.0 (0)
		Cefoxitin	0.0 (0)	0.0 (0)
		Cefprozil	0.0 (0)	0.0 (0)
		Cefuroxime axetil	38.8 (48)	40.1 (23)
		Cephalosporins (III or IV)		
		Cefdinir	0.0 (0)	0.0 (0)
		Cefditoren	0.0 (0)	0.0 (0)

		Cefepime	0.0 (0)	0.0 (0)
		Cefixime	0.0 (0)	0.0 (0)
		Cefotaxime	0.0 (0)	0.0 (0)
		Cefpodoxime	0.0 (0)	0.0 (0)
		Ceftazidime	0.0 (0)	0.0 (0)
		Ceftibuten	0.0 (0)	0.0 (0)
		Ceftriaxone	0.0 (0)	0.0 (0)
	Macrolides			
		Azithromycin	3.2 (4)	5.2 (3)
		Clarithromycin	2.4 (3)	3.5 (2)
		Erythromycin	2.4 (3)	0.0 (0)
		Roxithromycin	0.0 (0)	0.0 (0)
	Aminoglycosides			
		Amikacin	0.0 (0)	0.0 (0)
		Gentamicin	0.0 (0)	0.0 (0)
		Tobramycin	0.0 (0)	0.0 (0)
	Other antibiotics			
		Bacitracin	0.0 (0)	0.0 (0)
		Benzalkonium chloride	0.0 (0)	0.0 (0)
		Chloramphenicol	0.0 (0)	0.0 (0)
		Ciprofloxacin	0.0 (0)	0.0 (0)
		Clindamycin	0.0 (0)	3.5 (2)
		Doxycycline	0.0 (0)	0.0 (0)
		Ertapenem	0.0 (0)	0.0 (0)
		Ethambutol	0.0 (0)	0.0 (0)
		Fosfomicin	0.0 (0)	0.0 (0)
		Hexamine	0.0 (0)	0.0 (0)
		Isoniazid	0.0 (0)	0.0 (0)
		Levofloxacin	0.8 (1)	0.0 (0)
		Linezolid	0.0 (0)	0.0 (0)
		Meropenem	0.0 (0)	0.0 (0)
		Metronidazole	8.9 (11)	8.7 (5)
		Minocycline	0.0 (0)	0.0 (0)
		Moxifloxacin	0.0 (0)	0.0 (0)
		Nitrofurantoin	0.8 (1)	0.0 (0)
		Polymyxin	0.0 (0)	0.0 (0)
		Pyrazinamide	0.0 (0)	0.0 (0)
		Rifampicin	0.0 (0)	0.0 (0)
		Trimethoprim-sulfamethoxazole	0.0 (0)	0.0 (0)
		Vancomycin	0.0 (0)	0.0 (0)
		Unknown antibiotic	0.0 (0)	0.0 (0)
	Antivirals			
		Abacavir	0.0 (0)	0.0 (0)
		Aciclovir	1.6 (2)	0.0 (0)
		Amantadine	0.0 (0)	0.0 (0)
		Efavirenz	0.0 (0)	0.0 (0)
		Emtricitabine	0.0 (0)	0.0 (0)
		Ganciclovir	0.0 (0)	0.0 (0)
		Lamivudine	0.0 (0)	0.0 (0)
		Lopinavir	0.0 (0)	0.0 (0)
		Nevirapine	0.0 (0)	0.0 (0)
		Oseltamivir	0.0 (0)	0.0 (0)
		Tenofovir	0.0 (0)	0.0 (0)
		Valaciclovir	0.0 (0)	0.0 (0)
		Zidovudine	0.0 (0)	0.0 (0)
	Antifungals			
		Fluconazole	0.0 (0)	0.0 (0)
		Itraconazole	0.0 (0)	0.0 (0)
		Ketoconazole	0.0 (0)	0.0 (0)
		Miconazole	0.0 (0)	0.0 (0)
		Nystatin	0.0 (0)	0.0 (0)
		Unknown antifungal	0.0 (0)	0.0 (0)
	Other antimicrobials			
		Ornidazole	0.0 (0)	0.0 (0)
United Kingdom			13.9 person-years	7.1 person-years
	Antibiotics			
		Penicillins		
		Amoxicillin	43.1 (6)	70.4 (5)
		Ampicillin	0.0 (0)	0.0 (0)
		Cloxacillin	0.0 (0)	0.0 (0)
		Dicloxacillin	0.0 (0)	0.0 (0)
		Floxacillin	7.2 (1)	28.2 (2)

	Oxacillin	0.0 (0)	0.0 (0)
	Penicillin	7.2 (1)	0.0 (0)
	Piperacillin	0.0 (0)	0.0 (0)
Cephalosporins (I)			
	Cefadroxil	0.0 (0)	0.0 (0)
	Cefalexin	7.2 (1)	0.0 (0)
	Cefalotin	0.0 (0)	0.0 (0)
	Cefazolin	0.0 (0)	0.0 (0)
	Cefradine	0.0 (0)	0.0 (0)
Cephalosporins (II)			
	Cefaclor	0.0 (0)	0.0 (0)
	Cefoxitin	0.0 (0)	0.0 (0)
	Cefprozil	0.0 (0)	0.0 (0)
	Cefuroxime axetil	7.2 (1)	0.0 (0)
Cephalosporins (III or IV)			
	Cefdinir	0.0 (0)	0.0 (0)
	Cefditoren	0.0 (0)	0.0 (0)
	Cefepime	0.0 (0)	0.0 (0)
	Cefixime	0.0 (0)	0.0 (0)
	Cefotaxime	0.0 (0)	0.0 (0)
	Cefpodoxime	0.0 (0)	0.0 (0)
	Ceftazidime	0.0 (0)	0.0 (0)
	Ceftibuten	0.0 (0)	0.0 (0)
	Ceftriaxone	0.0 (0)	0.0 (0)
Macrolides			
	Azithromycin	0.0 (0)	14.1 (1)
	Clarithromycin	7.2 (1)	0.0 (0)
	Erythromycin	0.0 (0)	0.0 (0)
	Roxithromycin	0.0 (0)	0.0 (0)
Aminoglycosides			
	Amikacin	0.0 (0)	0.0 (0)
	Gentamicin	7.2 (1)	0.0 (0)
	Tobramycin	0.0 (0)	0.0 (0)
Other antibiotics			
	Bacitracin	0.0 (0)	0.0 (0)
	Benzalkonium chloride	0.0 (0)	0.0 (0)
	Chloramphenicol	0.0 (0)	0.0 (0)
	Ciprofloxacin	0.0 (0)	0.0 (0)
	Clindamycin	0.0 (0)	0.0 (0)
	Doxycycline	0.0 (0)	0.0 (0)
	Ertapenem	0.0 (0)	0.0 (0)
	Ethambutol	0.0 (0)	0.0 (0)
	Fosfomycin	0.0 (0)	0.0 (0)
	Hexamine	0.0 (0)	0.0 (0)
	Isoniazid	0.0 (0)	0.0 (0)
	Levofloxacin	0.0 (0)	0.0 (0)
	Linezolid	0.0 (0)	0.0 (0)
	Meropenem	0.0 (0)	0.0 (0)
	Metronidazole	0.0 (0)	0.0 (0)
	Minocycline	0.0 (0)	0.0 (0)
	Moxifloxacin	0.0 (0)	0.0 (0)
	Nitrofurantoin	7.2 (1)	0.0 (0)
	Polymyxin	0.0 (0)	0.0 (0)
	Pyrazinamide	0.0 (0)	0.0 (0)
	Rifampicin	0.0 (0)	0.0 (0)
	Trimethoprim-sulfamethoxazole	7.2 (1)	0.0 (0)
	Vancomycin	0.0 (0)	0.0 (0)
	Unknown antibiotic	0.0 (0)	0.0 (0)
Antivirals			
	Abacavir	0.0 (0)	0.0 (0)
	Aciclovir	0.0 (0)	0.0 (0)
	Amantadine	0.0 (0)	0.0 (0)
	Efavirenz	0.0 (0)	0.0 (0)
	Emtricitabine	0.0 (0)	0.0 (0)
	Ganciclovir	0.0 (0)	0.0 (0)
	Lamivudine	0.0 (0)	0.0 (0)
	Lopinavir	0.0 (0)	0.0 (0)
	Nevirapine	0.0 (0)	0.0 (0)
	Oseltamivir	0.0 (0)	0.0 (0)
	Tenofovir	0.0 (0)	0.0 (0)
	Valaciclovir	0.0 (0)	0.0 (0)
	Zidovudine	0.0 (0)	0.0 (0)
Antifungals			
	Fluconazole	0.0 (0)	0.0 (0)

		Itraconazole	0.0 (0)	0.0 (0)
		Ketoconazole	0.0 (0)	0.0 (0)
		Miconazole	0.0 (0)	0.0 (0)
		Nystatin	0.0 (0)	0.0 (0)
		Unknown antifungal	0.0 (0)	0.0 (0)
	Other antimicrobials			
		Ornidazole	0.0 (0)	0.0 (0)
United States			<i>437.2 person-years</i>	<i>225.5 person-years</i>
	Antibiotics			
	Penicillins			
		Amoxicillin	10.5 (46)	8.0 (18)
		Ampicillin	12.8 (56)	13.7 (31)
		Cloxacillin	0.0 (0)	0.0 (0)
		Dicloxacillin	2.7 (12)	4.0 (9)
		Floxacillin	0.0 (0)	0.0 (0)
		Oxacillin	0.0 (0)	0.0 (0)
		Penicillin	26.3 (115)	18.6 (42)
		Piperacillin	0.7 (3)	0.4 (1)
	Cephalosporins (I)			
		Cefadroxil	0.0 (0)	0.0 (0)
		Cefalexin	8.2 (36)	8.0 (18)
		Cefalotin	0.0 (0)	0.0 (0)
		Cefazolin	7.3 (32)	7.1 (16)
		Cefradine	0.0 (0)	0.4 (1)
	Cephalosporins (II)			
		Cefaclor	0.0 (0)	0.0 (0)
		Cefoxitin	0.2 (1)	0.0 (0)
		Cefprozil	0.0 (0)	0.0 (0)
		Cefuroxime axetil	0.0 (0)	0.4 (1)
	Cephalosporins (III or IV)			
		Cefdinir	0.9 (4)	1.8 (4)
		Cefditoren	0.0 (0)	0.0 (0)
		Cefepime	0.0 (0)	0.0 (0)
		Cefixime	0.2 (1)	0.4 (1)
		Cefotaxime	0.0 (0)	0.0 (0)
		Cefpodoxime	0.0 (0)	0.0 (0)
		Ceftazidime	0.0 (0)	0.0 (0)
		Ceftibuten	0.0 (0)	0.0 (0)
		Ceftriaxone	1.6 (7)	0.9 (2)
	Macrolides			
		Azithromycin	8.0 (35)	7.5 (17)
		Clarithromycin	0.2 (1)	0.0 (0)
		Erythromycin	0.0 (0)	0.0 (0)
		Roxithromycin	0.0 (0)	0.0 (0)
	Aminoglycosides			
		Amikacin	0.0 (0)	0.0 (0)
		Gentamicin	2.5 (11)	3.5 (8)
		Tobramycin	0.0 (0)	0.0 (0)
	Other antibiotics			
		Bacitracin	0.0 (0)	0.0 (0)
		Benzalkonium chloride	0.0 (0)	0.0 (0)
		Chloramphenicol	0.0 (0)	0.0 (0)
		Ciprofloxacin	0.5 (2)	0.4 (1)
		Clindamycin	4.3 (19)	5.8 (13)
		Doxycycline	0.5 (2)	0.4 (1)
		Ertapenem	0.0 (0)	0.0 (0)
		Ethambutol	0.0 (0)	0.0 (0)
		Fosfomycin	0.0 (0)	0.4 (1)
		Hexamine	0.0 (0)	0.0 (0)
		Isoniazid	0.0 (0)	0.0 (0)
		Levofloxacin	0.5 (2)	0.4 (1)
		Linezolid	0.0 (0)	0.0 (0)
		Meropenem	0.0 (0)	0.0 (0)
		Metronidazole	0.9 (4)	0.4 (1)
		Minocycline	0.2 (1)	0.0 (0)
		Moxifloxacin	0.0 (0)	0.0 (0)
		Nitrofurantoin	3.2 (14)	3.1 (7)
		Polymyxin	0.0 (0)	0.0 (0)
		Pyrazinamide	0.0 (0)	0.0 (0)
		Rifampicin	0.0 (0)	0.0 (0)
		Trimethoprim-sulfamethoxazole	1.1 (5)	2.7 (6)
		Vancomycin	0.2 (1)	0.4 (1)

		Unknown antibiotic	0.2 (1)	0.0 (0)	
South Africa	Antivirals	Abacavir	0.0 (0)	0.0 (0)	
		Aciclovir	1.4 (6)	2.7 (6)	
		Amantadine	0.0 (0)	0.0 (0)	
		Efavirenz	0.0 (0)	0.0 (0)	
		Emtricitabine	0.0 (0)	0.0 (0)	
		Ganciclovir	0.0 (0)	0.0 (0)	
		Lamivudine	0.0 (0)	0.0 (0)	
		Lopinavir	0.0 (0)	0.0 (0)	
		Nevirapine	0.0 (0)	0.0 (0)	
		Oseltamivir	3.7 (16)	1.8 (4)	
		Tenofovir	0.0 (0)	0.0 (0)	
		Valaciclovir	2.7 (12)	0.9 (2)	
		Zidovudine	0.0 (0)	0.0 (0)	
		Antifungals	Fluconazole	0.9 (4)	2.7 (6)
			Itraconazole	0.0 (0)	0.0 (0)
			Ketoconazole	0.0 (0)	0.0 (0)
Miconazole	0.0 (0)		0.0 (0)		
Nystatin	0.0 (0)		0.0 (0)		
Unknown antifungal	0.0 (0)		0.0 (0)		
Other antimicrobials	Ornidazole	0.0 (0)	0.0 (0)		
		<i>1035.0 person-years</i>	<i>527.6 person-years</i>		
South Africa	Antibiotics	Penicillins	Amoxicillin	95.8 (992)	105.2 (555)
			Ampicillin	7.4 (77)	4.9 (26)
			Cloxacillin	1.1 (11)	0.8 (4)
			Dicloxacillin	0.0 (0)	0.0 (0)
			Floxacillin	0.5 (5)	0.9 (5)
			Oxacillin	0.0 (0)	0.0 (0)
			Penicillin	0.1 (1)	0.8 (4)
			Piperacillin	0.1 (1)	0.2 (1)
		Cephalosporins (I)	Cefadroxil	0.0 (0)	0.0 (0)
			Cefalexin	0.8 (8)	2.1 (11)
			Cefalotin	0.0 (0)	0.0 (0)
			Cefazolin	5.8 (60)	4.5 (24)
			Cefradine	0.8 (8)	1.5 (8)
		Cephalosporins (II)	Cefaclor	0.0 (0)	0.0 (0)
			Cefoxitin	0.0 (0)	0.0 (0)
			Cefprozil	0.0 (0)	0.0 (0)
			Cefuroxime axetil	0.8 (8)	0.6 (3)
			Cephalosporins (III or IV)	Cefdinir	0.0 (0)
		Cefditoren		0.0 (0)	0.0 (0)
		Cefepime		0.0 (0)	0.0 (0)
		Cefixime		0.1 (1)	0.0 (0)
		Cefotaxime		0.3 (3)	0.0 (0)
		Cefpodoxime		0.0 (0)	0.0 (0)
		Ceftazidime		0.0 (0)	0.0 (0)
		Ceftibuten		0.0 (0)	0.0 (0)
		Ceftriaxone		3.2 (33)	2.1 (11)
		Macrolides		Azithromycin	6.6 (68)
			Clarithromycin	0.2 (2)	0.0 (0)
			Erythromycin	0.6 (6)	0.2 (1)
			Roxithromycin	0.0 (0)	0.0 (0)
		Aminoglycosides	Amikacin	0.0 (0)	0.0 (0)
			Gentamicin	1.4 (14)	0.8 (4)
			Tobramycin	0.0 (0)	0.0 (0)
Other antibiotics	Bacitracin	0.0 (0)	0.0 (0)		
	Benzalkonium chloride	0.0 (0)	0.0 (0)		
	Chloramphenicol	0.1 (1)	0.0 (0)		
	Ciprofloxacin	0.5 (5)	0.4 (2)		
	Clindamycin	0.0 (0)	0.4 (2)		
	Doxycycline	0.0 (0)	0.2 (1)		
	Ertapenem	0.0 (0)	0.0 (0)		

	Ethambutol	0.0 (0)	0.2 (1)
	Fosfomycin	0.0 (0)	0.0 (0)
	Hexamine	0.0 (0)	0.0 (0)
	Isoniazid	0.1 (1)	0.2 (1)
	Levofloxacin	0.0 (0)	0.0 (0)
	Linezolid	0.0 (0)	0.0 (0)
	Meropenem	0.0 (0)	0.0 (0)
	Metronidazole	12.2 (126)	10.2 (54)
	Minocycline	0.0 (0)	0.0 (0)
	Moxifloxacin	0.0 (0)	0.0 (0)
	Nitrofurantoin	0.0 (0)	0.0 (0)
	Polymyxin	0.0 (0)	0.0 (0)
	Pyrazinamide	0.0 (0)	0.2 (1)
	Rifampicin	0.0 (0)	0.2 (1)
	Trimethoprim-sulfamethoxazole	0.3 (3)	0.8 (4)
	Vancomycin	0.0 (0)	0.0 (0)
	Unknown antibiotic	0.1 (1)	0.2 (1)
Antivirals			
	Abacavir	0.0 (0)	0.0 (0)
	Aciclovir	0.1 (1)	0.4 (2)
	Amantadine	0.0 (0)	0.0 (0)
	Efavirenz	0.3 (3)	0.0 (0)
	Emtricitabine	0.2 (2)	0.0 (0)
	Ganciclovir	0.0 (0)	0.0 (0)
	Lamivudine	0.0 (0)	0.0 (0)
	Lopinavir	0.0 (0)	0.0 (0)
	Nevirapine	0.0 (0)	0.0 (0)
	Oseltamivir	0.0 (0)	0.0 (0)
	Tenofovir	0.2 (2)	0.0 (0)
	Valaciclovir	0.0 (0)	0.0 (0)
	Zidovudine	0.0 (0)	0.0 (0)
Antifungals			
	Fluconazole	0.1 (1)	0.0 (0)
	Itraconazole	0.0 (0)	0.0 (0)
	Ketoconazole	0.1 (1)	0.4 (2)
	Miconazole	0.0 (0)	0.0 (0)
	Nystatin	0.1 (1)	0.0 (0)
	Unknown antifungal	0.0 (0)	0.0 (0)
Other antimicrobials			
	Ornidazole	0.0 (0)	0.0 (0)

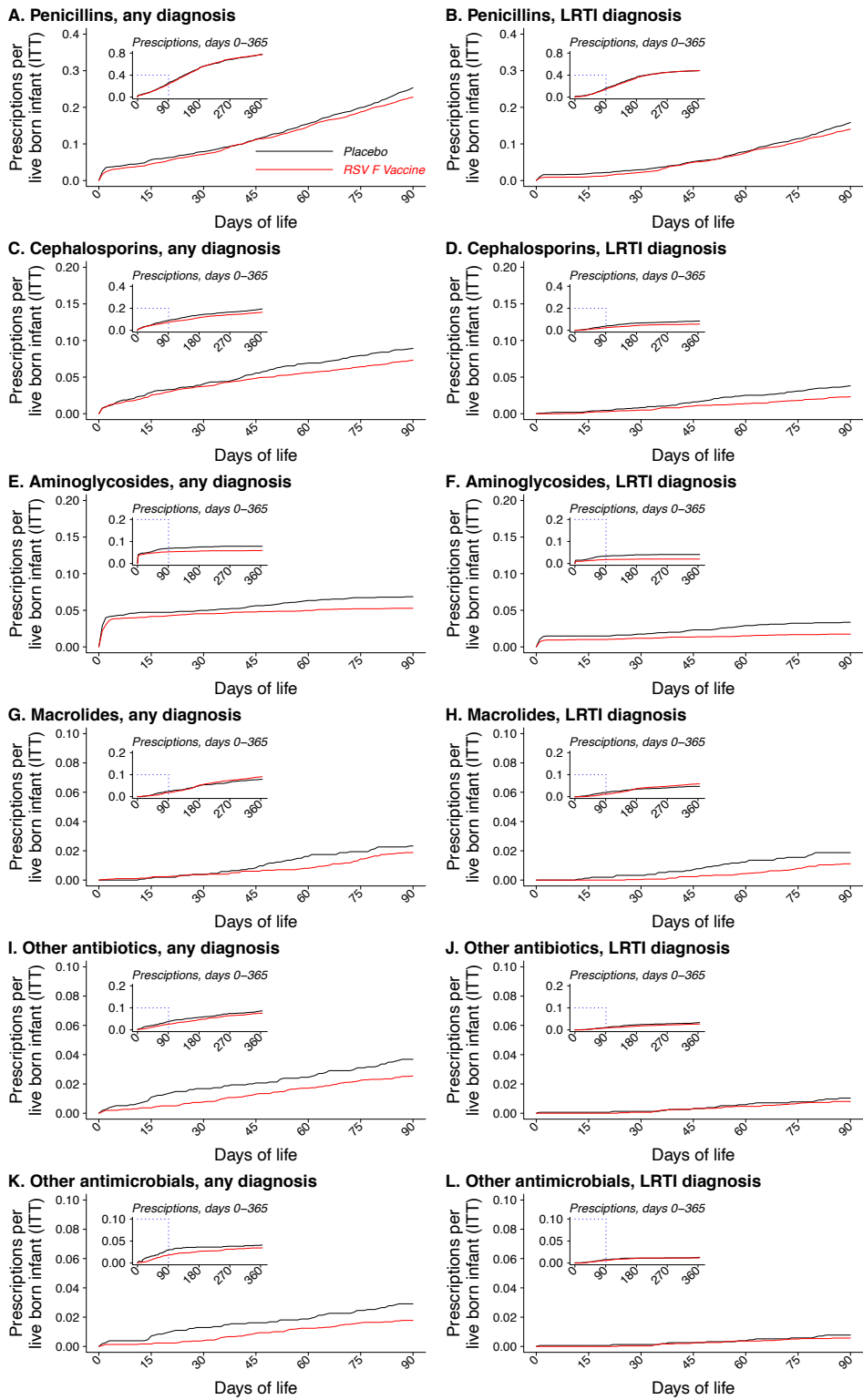


Figure S1: Incidence of new antimicrobial prescription courses among infants within the intention-to-treat population, by drug class and linked diagnosis type. We present cumulative incidence curves for all live-born infants within the intention-to-treat population and stratify data for by drug class. Red and black lines indicate observations among infants whose mothers were randomized to RSV F vaccine and placebo, respectively; inset panels plot data throughout the first year of life.

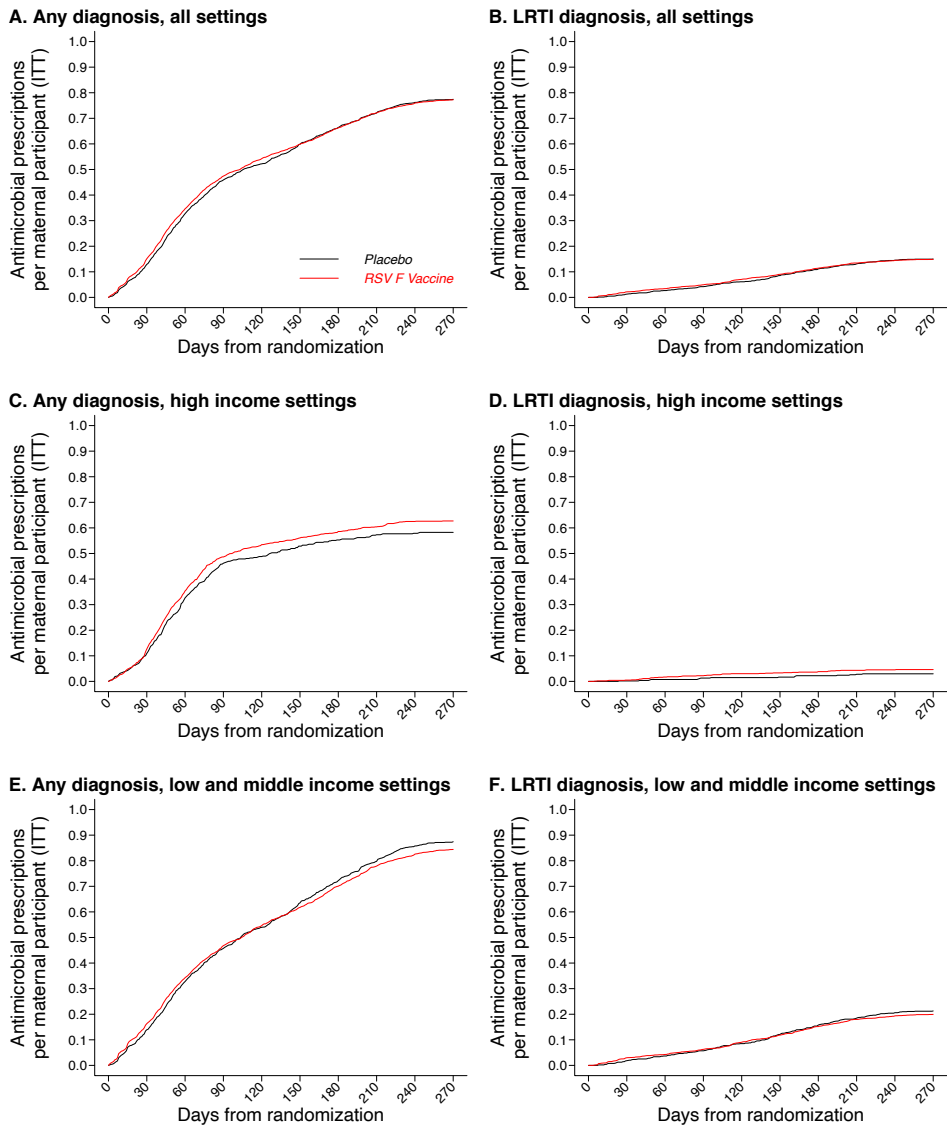


Figure S2: Incidence of antimicrobial prescription courses among maternal participants within the intention-to-treat population, by setting and linked diagnosis type. We present cumulative incidence curves for all maternal participants within the intention-to-treat population and stratify data for all countries (A, B), high-income countries (C, D), and low- and middle-income countries (E, F). Red and black lines indicate observations among maternal participants randomized to RSV F vaccine and placebo, respectively.

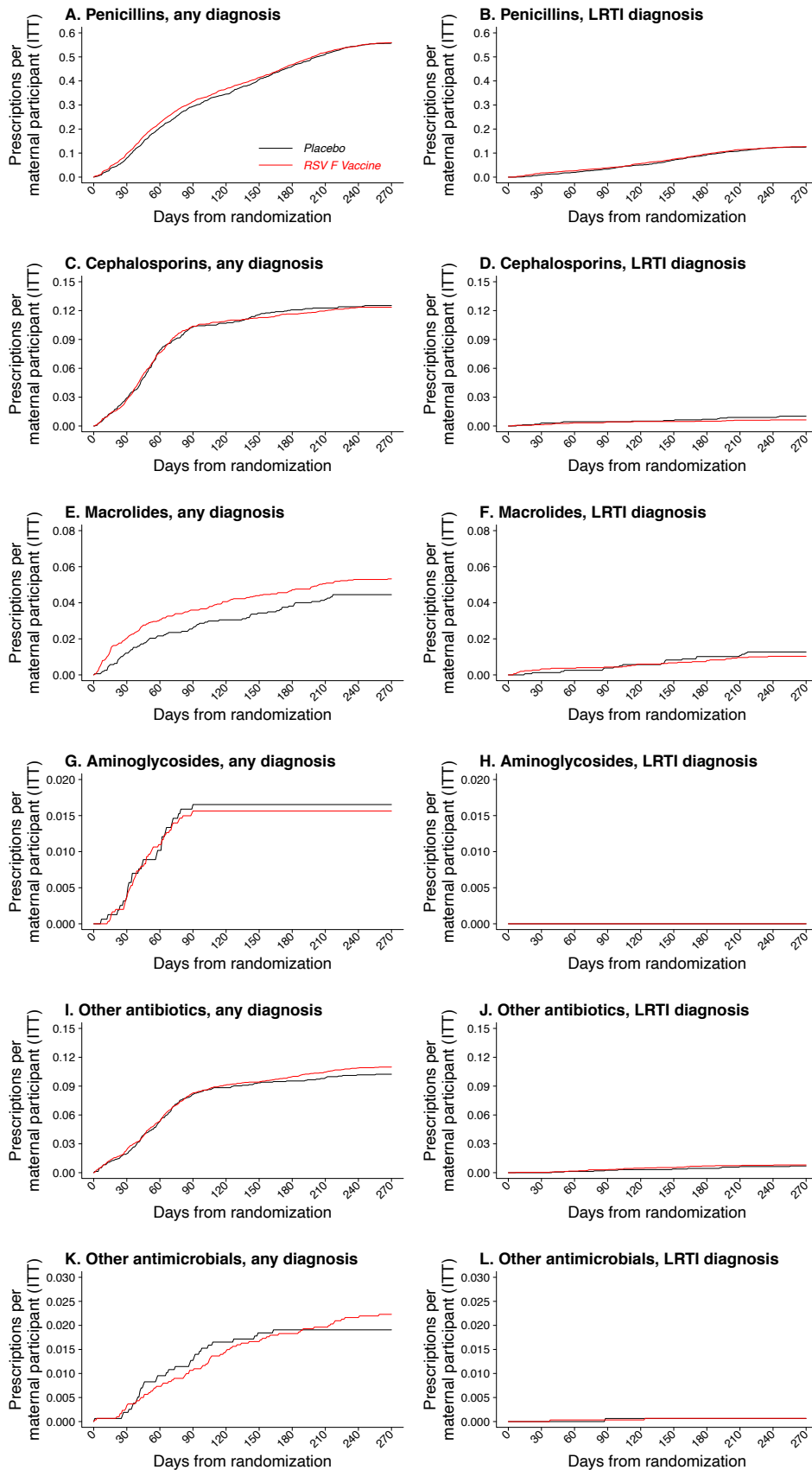


Figure S3: Incidence of antimicrobial prescription courses among maternal participants within the intention-to-treat population, by drug class and linked diagnosis type. Red and black lines indicate observations among maternal participants randomized to RSV F vaccine and placebo, respectively; inset panels plot data throughout the first year of life.