

Supplementary Online Content

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This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Rates of Early-Onset Sepsis per 1000 Live Births (LBs) by Study Center and Gestational Age

Center	Rate/1000 LBs (95% CI), n/N ¹				
	All	GA 22-28 w	GA 29-33 w	GA 34-36 w	GA 37+ w
A	1.53 (0.79-2.67)	28.74 (9.39-65.78)	11.05 (3.02-28.05)	2.38 (0.29-8.57)	0.15 (0.00-0.86)
	12/7853	5/174	4/362	2/840	1/6474
B	1.48 (1.03-2.06)	21.74 (5.95-54.72)	3.81 (0.46-13.69)	0 (0-2.14)	1.37 (0.91-1.96)
	35/23664	4/184	2/525	0/1721	29/21234
C	2.07 (0.95-3.93)	57.97 (16.02-141.8)	8.20 (0.21-44.82)	0 (0-10.57)	1.20 (0.33-3.07)
	9/4347	4/69	1/122	0/347	4/3330
D	2.02 (1.36-2.88)	20.24 (6.60-46.61)	2.42 (0.06-13.38)	0.85 (0.02-4.72)	1.77 (1.12-2.65)
	30/14848	5/247	1/414	1/1177	23/13010
E	0.86 (0.46-1.48)	19.34 (7.81-39.43)	4.69 (0.97-13.66)	0 (0-3.04)	0.23 (0.05-0.68)
	13/15050	7/362	3/639	0/1210	3/12839
F	1.25 (0.34-3.21)	18.18 (0.46-97.19)	13.70 (1.66-48.61)	0 (0-12.14)	0.37 (0.01-2.07)
	4/3189	1/55	2/146	0/302	1/2686
G	0.39 (0.16-0.81)	10.93 (1.33-38.92)	4.25 (0.51-15.25)	0.78 (0.02-4.31)	0.13 (0.02-0.45)
	7/17849	2/183	2/471	1/1290	2/15905
H	0.56 (0.18-1.30)	26.32 (5.46-74.98)	0 (0-14.25)	0 (0-5.05)	0.26 (0.03-0.92)
	5/8939	3/114	0/257	0/729	2/7841
I	0.94 (0.41-1.86)	11.05 (3.02-28.05)	1.64 (0.04-9.13)	1.06 (0.03-5.89)	0.30 (0.04-1.10)
	8/8488	4/362	1/608	1/943	2/6575
J	1.54 (0.90-2.46)	26.49 (11.50-51.53)	6.31 (1.72-16.07)	0.66 (0.02-3.65)	0.46 (0.13-1.19)
	17/11066	8/302	4/634	1/1524	4/8606
K	0.67 (0.40-1.06)	20.58 (9.91-37.51)	2.26 (0.27-8.14)	0 (0-1.61)	0.26 (0.10-0.57)
	18/26730	10/486	2/885	0/2294	6/22929
L	0.74 (0.36-1.36)	0 (0-15.00)	5.03 (1.04-14.64)	0.76 (0.02-4.21)	0.53 (0.19-1.15)
	10/13482	0/244	3/596	1/1321	6/11319
M	1.22 (0.76-1.87)	37.50 (13.88-79.83)	14.81 (6.42-28.98)	1.30 (0.16-4.69)	0.34 (0.11-0.78)
	21/17143	6/160	8/540	2/1539	5/14904
N	3.30 (1.96-5.21)	16.39 (0.41-87.99)	21.37 (6.97-49.16)	9.04 (2.94-20.97)	1.52 (0.61-3.13)
	18/5456	1/61	5/234	5/553	7/4608
O	0.50 (0.23-0.95)	16.30 (3.38-46.91)	6.79 (1.40-19.71)	0 (0-2.79)	0.19 (0.04-0.55)
	9/17886	3/184	3/442	0/1318	3/15944
P	0.79 (0.36-1.50)	7.41 (0.90-26.50)	5.88 (1.60-14.99)	0 (0-3.56)	0.32 (0.07-0.93)
	9/11385	2/270	4/680	0/1035	3/9401
Q	6.25 (0.16-34.33)	0 (0-308.5)	0 (0-102.8)	0 (0-67.23)	15.87 (0.40-85.30)
	1/160	0/10	0/34	0/53	1/63
R	0.90 (0.41-1.72)	12.42 (1.51-44.15)	10.71 (3.49-24.81)	0 (0-3.69)	0.24 (0.03-0.87)
	9/9945	2/161	5/467	0/999	2/8302

¹Clopper-Pearson confidence intervals (CI) are shown. NICHD Neonatal Research Network Early-Onset Sepsis Surveillance Study II (2015-2017)

eTable 2. Group B *Streptococcus* Early-Onset Sepsis Rates per 1000 Live Births (LBs) by Study Center and Gestational Age

Center	Rate/1000 LBs (95% CI), n/N ¹				
	All	GA 22-28 w	GA 29-33 w	GA 34-36 w	GA 37+ w
A	0.25 (0.03-0.92)	5.75 (0.15-31.60)	2.76 (0.07-15.29)	0 (0-4.38)	0 (0-0.57)
	2/7853	1/174	1/362	0/840	0/6474
B	0.76 (0.45-1.20)	0 (0-19.85)	1.90 (0.05-10.57)	0 (0-2.14)	0.80 (0.47-1.28)
	18/23664	0/184	1/525	0/1721	17/21234
C	0.69 (0.14-2.02)	14.49 (0.37-78.12)	0 (0-29.78)	0 (0-10.57)	0.60 (0.07-2.17)
	3/4347	1/69	0/122	0/347	2/3330
D	1.14 (0.67-1.83)	8.10 (0.98-28.94)	0 (0-8.87)	0 (0-3.13)	1.15 (0.65-1.90)
	17/14848	2/247	0/414	0/1177	15/13010
E	0.20 (0.04-0.58)	0 (0-10.14)	1.56 (0.04-8.69)	0 (0-3.04)	0.16 (0.02-0.56)
	3/15050	0/362	1/639	0/1210	2/12839
F	0 (0-1.16)	0 (0-64.87)	0 (0-24.95)	0 (0-12.14)	0 (0-1.37)
	0/3189	0/55	0/146	0/302	0/2686
G	0.06 (0.00-0.31)	0 (0-19.96)	0 (0-7.80)	0.78 (0.02-4.31)	0 (0-0.23)
	1/17849	0/183	0/471	1/1290	0/15905
H	0.22 (0.03-0.81)	0 (0-31.84)	0 (0-14.25)	0 (0-5.05)	0.26 (0.03-0.92)
	2/8939	0/114	0/257	0/729	2/7841
I	0.24 (0.03-0.85)	0 (0-10.14)	0 (0-6.05)	0 (0-3.90)	0.30 (0.04-1.10)
	2/8488	0/362	0/608	0/943	2/6575
J	0.18 (0.02-0.65)	0 (0-12.14)	0 (0-5.80)	0 (0-2.42)	0.23 (0.03-0.84)
	2/11066	0/302	0/634	0/1524	2/8606
K	0.11 (0.02-0.33)	0 (0-7.56)	0 (0-4.16)	0 (0-1.61)	0.13 (0.03-0.38)
	3/26730	0/486	0/885	0/2294	3/22929
L	0.15 (0.02-0.54)	0 (0-15.00)	1.68 (0.04-9.31)	0.76 (0.02-4.21)	0 (0-0.33)
	2/13482	0/244	1/596	1/1321	0/11319
M	0.29 (0.09-0.68)	0 (0-22.79)	5.56 (1.15-16.15)	0 (0-2.39)	0.13 (0.02-0.48)
	5/17143	0/160	3/540	0/1539	2/14904
N	0.92 (0.30-2.14)	0 (0-58.68)	8.55 (1.04-30.53)	1.81 (0.05-10.03)	0.43 (0.05-1.57)
	5/5456	0/61	2/234	1/553	2/4608
O	0.06 (0.00-0.31)	0 (0-19.85)	0 (0-8.31)	0 (0-2.79)	0.06 (0.00-0.35)
	1/17886	0/184	0/442	0/1318	1/15944
P	0.26 (0.05-0.77)	0 (0-13.57)	0 (0-5.41)	0 (0-3.56)	0.32 (0.07-0.93)
	3/11385	0/270	0/680	0/1035	3/9401
Q	6.25 (0.16-34.33)	0 (0-308.5)	0 (0-102.8)	0 (0-67.23)	15.87 (0.40-85.30)
	1/160	0/10	0/34	0/53	1/63
R	0.10 (0.00-0.56)	6.21 (0.16-34.12)	0 (0-7.87)	0 (0-3.69)	0 (0-0.44)
	1/9945	1/161	0/467	0/999	0/8302

¹Clopper-Pearson confidence intervals (CI) are shown. NICHD Neonatal Research Network Early-Onset Sepsis Surveillance Study II (2015-2017)

eTable 3. *Escherichia coli* Early-Onset Sepsis Rates per 1000 Live Births (LBs) by Study Center and Gestational Age

Center	Rate/1000 LBs (95% CI), n/N ¹				
	All	GA 22-28 w	GA 29-33 w	GA 34-36 w	GA 37+ w
A	0.64 (0.21-1.49)	17.24 (3.57-49.56)	2.76 (0.07-15.29)	1.19 (0.03-6.61)	0 (0-0.57)
	5/7853	3/174	1/362	1/840	0/6474
B	0.42 (0.20-0.78)	16.30 (3.38-46.91)	1.90 (0.05-10.57)	0 (0-2.14)	0.28 (0.10-0.61)
	10/23664	3/184	1/525	0/1721	6/21234
C	0.69 (0.14-2.02)	43.48 (9.06-121.8)	0 (0-29.78)	0 (0-10.57)	0 (0-1.11)
	3/4347	3/69	0/122	0/347	0/3330
D	0.34 (0.11-0.79)	12.15 (2.51-35.08)	2.42 (0.06-13.38)	0.85 (0.02-4.72)	0 (0-0.28)
	5/14848	3/247	1/414	1/1177	0/13010
E	0.33 (0.11-0.78)	8.29 (1.71-24.03)	1.56 (0.04-8.69)	0 (0-3.04)	0.08 (0.00-0.43)
	5/15050	3/362	1/639	0/1210	1/12839
F	0.63 (0.08-2.26)	0 (0-64.87)	13.70 (1.66-48.61)	0 (0-12.14)	0 (0-1.37)
	2/3189	0/55	2/146	0/302	0/2686
G	0.17 (0.03-0.49)	5.46 (0.14-30.07)	4.25 (0.51-15.25)	0 (0-2.86)	0 (0-0.23)
	3/17849	1/183	2/471	0/1290	0/15905
H	0.34 (0.07-0.98)	26.32 (5.46-74.98)	0 (0-14.25)	0 (0-5.05)	0 (0-0.47)
	3/8939	3/114	0/257	0/729	0/7841
I	0.59 (0.19-1.37)	11.05 (3.02-28.05)	0 (0-6.05)	1.06 (0.03-5.89)	0 (0-0.56)
	5/8488	4/362	0/608	1/943	0/6575
J	1.08 (0.56-1.89)	23.18 (9.37-47.17)	3.15 (0.38-11.35)	0.66 (0.02-3.65)	0.23 (0.03-0.84)
	12/11066	7/302	2/634	1/1524	2/8606
K	0.22 (0.08-0.49)	8.23 (2.25-20.94)	0 (0-4.16)	0 (0-1.61)	0.09 (0.01-0.32)
	6/26730	4/486	0/885	0/2294	2/22929
L	0.22 (0.05-0.65)	0 (0-15.00)	1.68 (0.04-9.31)	0 (0-2.79)	0.18 (0.02-0.64)
	3/13482	0/244	1/596	0/1321	2/11319
M	0.41 (0.16-0.84)	25.00 (6.85-62.77)	3.70 (0.45-13.31)	0 (0-2.39)	0.07 (0.00-0.37)
	7/17143	4/160	2/540	0/1539	1/14904
N	0.55 (0.11-1.61)	16.39 (0.41-87.99)	4.27 (0.11-23.58)	0 (0-6.65)	0.22 (0.01-1.21)
	3/5456	1/61	1/234	0/553	1/4608
O	0.28 (0.09-0.65)	10.87 (1.32-38.71)	2.26 (0.06-12.54)	0 (0-2.79)	0.13 (0.02-0.45)
	5/17886	2/184	1/442	0/1318	2/15944
P	0.35 (0.10-0.90)	7.41 (0.90-26.50)	2.94 (0.36-10.58)	0 (0-3.56)	0 (0-0.39)
	4/11385	2/270	2/680	0/1035	0/9401
Q	0 (0-22.79)	0 (0-308.5)	0 (0-102.8)	0 (0-67.23)	0 (0-56.87)
	0/160	0/10	0/34	0/53	0/63
R	0.50 (0.16-1.17)	6.21 (0.16-34.12)	6.42 (1.33-18.66)	0 (0-3.69)	0.12 (0.00-0.67)
	5/9945	1/161	3/467	0/999	1/8302

¹Clopper-Pearson confidence intervals (CI) are shown. NICHD Neonatal Research Network Early-Onset Sepsis Surveillance Study II (2015-2017)

eTable 4. Rates of Early-Onset Sepsis per 1000 Live Births (LBs) by Study Center and Birth Weight

Center	Rate/1000 LBs (95% CI), n/N ¹			
	All	BW 401-1500 g	BW 1501-2500 g	BW 2501+ g
A	1.53 (0.79-2.67)	26.49 (11.50-51.53)	2.99 (0.62-8.72)	0.15 (0.00-0.85)
	12/7853	8/302	3/1003	1/6548
B	1.48 (1.03-2.06)	15.67 (5.11-36.20)	0.67 (0.02-3.71)	1.33 (0.89-1.91)
	35/23664	5/319	1/1499	29/21846
C	2.07 (0.95-3.93)	27.21 (7.46-68.20)	2.09 (0.05-11.60)	1.07 (0.29-2.75)
	9/4347	4/147	1/478	4/3722
D	2.02 (1.36-2.88)	13.02 (4.24-30.12)	1.30 (0.16-4.68)	1.78 (1.13-2.67)
	30/14848	5/384	2/1541	23/12923
E	0.86 (0.46-1.48)	15.49 (7.11-29.20)	1.32 (0.16-4.77)	0.15 (0.02-0.56)
	13/15050	9/581	2/1513	2/12956
F	1.25 (0.34-3.21)	10.31 (0.26-56.10)	3.24 (0.08-17.90)	0.72 (0.09-2.59)
	4/3189	1/97	1/309	2/2783
G	0.39 (0.16-0.81)	8.22 (1.70-23.83)	1.48 (0.18-5.33)	0.12 (0.02-0.45)
	7/17849	3/365	2/1352	2/16132
H	0.56 (0.18-1.30)	16.57 (3.43-47.67)	0 (0-4.99)	0.25 (0.03-0.90)
	5/8939	3/181	0/737	2/8021
I	0.94 (0.41-1.86)	6.58 (1.80-16.76)	0.87 (0.02-4.85)	0.45 (0.09-1.30)
	8/8488	4/608	1/1146	3/6734
J	1.54 (0.90-2.46)	16.23 (7.03-31.72)	2.71 (0.74-6.93)	0.55 (0.18-1.28)
	17/11066	8/493	4/1475	5/9098
K	0.67 (0.40-1.06)	14.78 (7.66-25.67)	0 (0-1.52)	0.26 (0.09-0.56)
	18/26730	12/812	0/2432	6/23486
L	0.74 (0.36-1.36)	2.37 (0.06-13.13)	2.33 (0.48-6.79)	0.51 (0.19-1.11)
	10/13482	1/422	3/1288	6/11772
M	1.22 (0.76-1.87)	37.38 (19.46-64.39)	2.81 (0.77-7.19)	0.32 (0.11-0.76)
	21/17143	12/321	4/1422	5/15400
N	3.30 (1.96-5.21)	20.00 (4.14-57.33)	9.45 (3.48-20.45)	1.93 (0.88-3.65)
	18/5456	3/150	6/635	9/4671
O	0.50 (0.23-0.95)	8.36 (1.73-24.23)	2.03 (0.42-5.91)	0.19 (0.04-0.55)
	9/17886	3/359	3/1480	3/16047
P	0.79 (0.36-1.50)	6.76 (1.40-19.62)	2.20 (0.45-6.42)	0.31 (0.06-0.92)
	9/11385	3/444	3/1363	3/9578
Q	6.25 (0.16-34.33)	0 (0-161.1)	0 (0-59.63)	12.66 (0.32-68.52)
	1/160	0/21	0/60	1/79
R	0.90 (0.41-1.72)	12.66 (3.46-32.09)	2.97 (0.61-8.66)	0.23 (0.03-0.84)
	9/9945	4/316	3/1010	2/8619

¹Clopper-Pearson confidence intervals (CI) are shown. NICHD Neonatal Research Network Early-Onset Sepsis Surveillance Study II (2015-2017)

eTable 5. Group B *Streptococcus* Early-Onset Sepsis Rates per 1000 Live Births (LBs) by Study Center and Birth Weight

Center	Rate/1000 LBs (95% CI), n/N ¹			
	All	BW 401-1500 g	BW 1501-2500 g	BW 2501+ g
A	0.25 (0.03-0.92)	6.62 (0.80-23.72)	0 (0-3.67)	0 (0-0.56)
	2/7853	2/302	0/1003	0/6548
B	0.76 (0.45-1.20)	0 (0-11.50)	0.67 (0.02-3.71)	0.78 (0.45-1.25)
	18/23664	0/319	1/1499	17/21846
C	0.69 (0.14-2.02)	6.80 (0.17-37.32)	0 (0-7.69)	0.54 (0.07-1.94)
	3/4347	1/147	0/478	2/3722
D	1.14 (0.67-1.83)	5.21 (0.63-18.69)	0 (0-2.39)	1.16 (0.65-1.91)
	17/14848	2/384	0/1541	15/12923
E	0.20 (0.04-0.58)	1.72 (0.04-9.55)	0.66 (0.02-3.68)	0.08 (0.00-0.43)
	3/15050	1/581	1/1513	1/12956
F	0 (0-1.16)	0 (0-37.32)	0 (0-11.87)	0 (0-1.32)
	0/3189	0/97	0/309	0/2783
G	0.06 (0.00-0.31)	0 (0-10.06)	0.74 (0.02-4.11)	0 (0-0.23)
	1/17849	0/365	1/1352	0/16132
H	0.22 (0.03-0.81)	0 (0-20.17)	0 (0-4.99)	0.25 (0.03-0.90)
	2/8939	0/181	0/737	2/8021
I	0.24 (0.03-0.85)	0 (0-6.05)	0 (0-3.21)	0.30 (0.04-1.07)
	2/8488	0/608	0/1146	2/6734
J	0.18 (0.02-0.65)	0 (0-7.45)	0 (0-2.50)	0.22 (0.03-0.79)
	2/11066	0/493	0/1475	2/9098
K	0.11 (0.02-0.33)	0 (0-4.53)	0 (0-1.52)	0.13 (0.03-0.37)
	3/26730	0/812	0/2432	3/23486
L	0.15 (0.02-0.54)	0 (0-8.70)	1.55 (0.19-5.60)	0 (0-0.31)
	2/13482	0/422	2/1288	0/11772
M	0.29 (0.09-0.68)	6.23 (0.76-22.32)	0.70 (0.02-3.91)	0.13 (0.02-0.47)
	5/17143	2/321	1/1422	2/15400
N	0.92 (0.30-2.14)	6.67 (0.17-36.58)	1.57 (0.04-8.74)	0.64 (0.13-1.88)
	5/5456	1/150	1/635	3/4671
O	0.06 (0.00-0.31)	0 (0-10.22)	0 (0-2.49)	0.06 (0.00-0.35)
	1/17886	0/359	0/1480	1/16047
P	0.26 (0.05-0.77)	0 (0-8.27)	0 (0-2.70)	0.31 (0.06-0.92)
	3/11385	0/444	0/1363	3/9578
Q	6.25 (0.16-34.33)	0 (0-161.1)	0 (0-59.63)	12.66 (0.32-68.52)
	1/160	0/21	0/60	1/79
R	0.10 (0.00-0.56)	3.16 (0.08-17.50)	0 (0-3.65)	0 (0-0.43)
	1/9945	1/316	0/1010	0/8619

¹Clopper-Pearson confidence intervals (CI) are shown. NICHD Neonatal Research Network Early-Onset Sepsis Surveillance Study II (2015-2017)

eTable 6. *Escherichia coli* Early-Onset Sepsis Rates per 1000 Live Births (LBs) by Study Center and Birth Weight

Center	Rate/1000 LBs (95% CI), n/N ¹			
	All	BW 401-1500 g	BW 1501-2500 g	BW 2501+ g
A	0.64 (0.21-1.49)	13.25 (3.62-33.56)	1.00 (0.03-5.54)	0 (0-0.56)
	5/7853	4/302	1/1003	0/6548
B	0.42 (0.20-0.78)	12.54 (3.43-31.79)	0 (0-2.46)	0.27 (0.10-0.60)
	10/23664	4/319	0/1499	6/21846
C	0.69 (0.14-2.02)	20.41 (4.23-58.48)	0 (0-7.69)	0 (0-0.99)
	3/4347	3/147	0/478	0/3722
D	0.34 (0.11-0.79)	7.81 (1.61-22.66)	1.30 (0.16-4.68)	0 (0-0.29)
	5/14848	3/384	2/1541	0/12923
E	0.33 (0.11-0.78)	5.16 (1.07-15.02)	0.66 (0.02-3.68)	0.08 (0.00-0.43)
	5/15050	3/581	1/1513	1/12956
F	0.63 (0.08-2.26)	0 (0-37.32)	3.24 (0.08-17.90)	0.36 (0.01-2.00)
	2/3189	0/97	1/309	1/2783
G	0.17 (0.03-0.49)	5.48 (0.66-19.65)	0.74 (0.02-4.11)	0 (0-0.23)
	3/17849	2/365	1/1352	0/16132
H	0.34 (0.07-0.98)	16.57 (3.43-47.67)	0 (0-4.99)	0 (0-0.46)
	3/8939	3/181	0/737	0/8021
I	0.59 (0.19-1.37)	6.58 (1.80-16.76)	0 (0-3.21)	0.15 (0.00-0.83)
	5/8488	4/608	0/1146	1/6734
J	1.08 (0.56-1.89)	14.20 (5.73-29.04)	1.36 (0.16-4.89)	0.33 (0.07-0.96)
	12/11066	7/493	2/1475	3/9098
K	0.22 (0.08-0.49)	4.93 (1.34-12.56)	0 (0-1.52)	0.09 (0.01-0.31)
	6/26730	4/812	0/2432	2/23486
L	0.22 (0.05-0.65)	2.37 (0.06-13.13)	0 (0-2.86)	0.17 (0.02-0.61)
	3/13482	1/422	0/1288	2/11772
M	0.41 (0.16-0.84)	15.58 (5.08-35.97)	0.70 (0.02-3.91)	0.06 (0.00-0.36)
	7/17143	5/321	1/1422	1/15400
N	0.55 (0.11-1.61)	13.33 (1.62-47.33)	0 (0-5.79)	0.21 (0.01-1.19)
	3/5456	2/150	0/635	1/4671
O	0.28 (0.09-0.65)	5.57 (0.68-19.98)	0.68 (0.02-3.76)	0.12 (0.02-0.45)
	5/17886	2/359	1/1480	2/16047
P	0.35 (0.10-0.90)	6.76 (1.40-19.62)	0.73 (0.02-4.08)	0 (0-0.39)
	4/11385	3/444	1/1363	0/9578
Q	0 (0-22.79)	0 (0-161.1)	0 (0-59.63)	0 (0-45.62)
	0/160	0/21	0/60	0/79
R	0.50 (0.16-1.17)	3.16 (0.08-17.50)	2.97 (0.61-8.66)	0.12 (0.00-0.65)
	5/9945	1/316	3/1010	1/8619

¹Clopper-Pearson confidence intervals (CI) are shown. NICHD Neonatal Research Network Early-Onset Sepsis Surveillance Study II (2015-2017)

eTable 7. Rates of Early-Onset Sepsis per 1000 Live Births (LBs) by Study Center and Infant Sex

Center	Rate/1000 LBs (95% CI), n/N ¹		
	All	Male	Female
A	1.53 (0.79-2.67)	1.75 (0.70-3.60)	1.30 (0.42-3.03)
	12/7853	7/4002	5/3851
B	1.48 (1.03-2.06)	1.00 (0.51-1.74)	1.98 (1.26-2.97)
	35/23664	12/12054	23/11610
C	2.07 (0.95-3.93)	3.67 (1.59-7.22)	0.46 (0.01-2.57)
	9/4347	8/2180	1/2167
D	2.02 (1.36-2.88)	2.24 (1.31-3.59)	1.79 (0.95-3.06)
	30/14848	17/7577	13/7271
E	0.86 (0.46-1.48)	0.77 (0.28-1.67)	0.97 (0.39-1.99)
	13/15050	6/7814	7/7233
F	1.25 (0.34-3.21)	2.36 (0.64-6.03)	0 (0-2.47)
	4/3189	4/1695	0/1494
G	0.39 (0.16-0.81)	0.45 (0.12-1.14)	0.34 (0.07-0.99)
	7/17849	4/8963	3/8886
H	0.56 (0.18-1.30)	0.42 (0.05-1.52)	0.71 (0.15-2.08)
	5/8939	2/4735	3/4206
I	0.94 (0.41-1.86)	0.92 (0.25-2.34)	0.97 (0.26-2.49)
	8/8488	4/4370	4/4114
J	1.54 (0.90-2.46)	1.40 (0.60-2.75)	1.69 (0.77-3.20)
	17/11066	8/5719	9/5339
K	0.67 (0.40-1.06)	0.73 (0.35-1.34)	0.61 (0.27-1.21)
	18/26730	10/13701	8/13023
L	0.74 (0.36-1.36)	0.72 (0.23-1.69)	0.76 (0.25-1.77)
	10/13482	5/6911	5/6571
M	1.22 (0.76-1.87)	1.47 (0.78-2.52)	0.96 (0.42-1.89)
	21/17143	13/8822	8/8317
N	3.30 (1.96-5.21)	3.21 (1.47-6.09)	3.39 (1.55-6.43)
	18/5456	9/2803	9/2653
O	0.50 (0.23-0.95)	0.77 (0.31-1.59)	0.23 (0.03-0.82)
	9/17886	7/9083	2/8799
P	0.79 (0.36-1.50)	1.02 (0.37-2.21)	0.55 (0.11-1.60)
	9/11385	6/5895	3/5491
Q	6.25 (0.16-34.33)	12.20 (0.31-66.08)	0 (0-46.19)
	1/160	1/82	0/78
R	0.90 (0.41-1.72)	0.78 (0.21-1.99)	1.03 (0.33-2.39)
	9/9945	4/5137	5/4874

¹Clopper-Pearson confidence intervals (CI) are shown. NICHD Neonatal Research Network Early-Onset Sepsis Surveillance Study II (2015-2017)

eTable 8. Group B *Streptococcus* Early-Onset Sepsis Rates per 1000 Live Births (LBs) by Study Center and Infant Sex

Center	Rate/1000 LBs (95% CI), n/N ¹		
	All	Male	Female
A	0.25 (0.03-0.92)	0 (0-0.92)	0.52 (0.06-1.87)
	2/7853	0/4002	2/3851
B	0.76 (0.45-1.20)	0.50 (0.18-1.08)	1.03 (0.53-1.80)
	18/23664	6/12054	12/11610
C	0.69 (0.14-2.02)	1.38 (0.28-4.02)	0 (0-1.70)
	3/4347	3/2180	0/2167
D	1.14 (0.67-1.83)	1.45 (0.72-2.60)	0.83 (0.30-1.80)
	17/14848	11/7577	6/7271
E	0.20 (0.04-0.58)	0.26 (0.03-0.92)	0.14 (0.00-0.77)
	3/15050	2/7814	1/7233
F	0 (0-1.16)	0 (0-2.17)	0 (0-2.47)
	0/3189	0/1695	0/1494
G	0.06 (0.00-0.31)	0.11 (0.00-0.62)	0 (0-0.42)
	1/17849	1/8963	0/8886
H	0.22 (0.03-0.81)	0.21 (0.01-1.18)	0.24 (0.01-1.32)
	2/8939	1/4735	1/4206
I	0.24 (0.03-0.85)	0.46 (0.06-1.65)	0 (0-0.90)
	2/8488	2/4370	0/4114
J	0.18 (0.02-0.65)	0.17 (0.00-0.97)	0.19 (0.00-1.04)
	2/11066	1/5719	1/5339
K	0.11 (0.02-0.33)	0.07 (0.00-0.41)	0.15 (0.02-0.55)
	3/26730	1/13701	2/13023
L	0.15 (0.02-0.54)	0.14 (0.00-0.81)	0.15 (0.00-0.85)
	2/13482	1/6911	1/6571
M	0.29 (0.09-0.68)	0.34 (0.07-0.99)	0.24 (0.03-0.87)
	5/17143	3/8822	2/8317
N	0.92 (0.30-2.14)	1.07 (0.22-3.12)	0.75 (0.09-2.72)
	5/5456	3/2803	2/2653
O	0.06 (0.00-0.31)	0.11 (0.00-0.61)	0 (0-0.42)
	1/17886	1/9083	0/8799
P	0.26 (0.05-0.77)	0.34 (0.04-1.23)	0.18 (0.00-1.01)
	3/11385	2/5895	1/5491
Q	6.25 (0.16-34.33)	12.20 (0.31-66.08)	0 (0-46.19)
	1/160	1/82	0/78
R	0.10 (0.00-0.56)	0 (0-0.72)	0.21 (0.01-1.14)
	1/9945	0/5137	1/4874

¹Clopper-Pearson confidence intervals (CI) are shown. NICHD Neonatal Research Network Early-Onset Sepsis Surveillance Study II (2015-2017)

eTable 9. *Escherichia coli* Early-Onset Sepsis Rates per 1000 Live Births (LBs) by Study Center and Infant Sex

Center	Rate/1000 LBs (95% CI), n/N ¹		
	All	Male	Female
A	0.64 (0.21-1.49)	1.00 (0.27-2.56)	0.26 (0.01-1.45)
	5/7853	4/4002	1/3851
B	0.42 (0.20-0.78)	0.17 (0.02-0.60)	0.69 (0.30-1.36)
	10/23664	2/12054	8/11610
C	0.69 (0.14-2.02)	0.92 (0.11-3.31)	0.46 (0.01-2.57)
	3/4347	2/2180	1/2167
D	0.34 (0.11-0.79)	0.26 (0.03-0.95)	0.41 (0.09-1.21)
	5/14848	2/7577	3/7271
E	0.33 (0.11-0.78)	0.51 (0.14-1.31)	0.14 (0.00-0.77)
	5/15050	4/7814	1/7233
F	0.63 (0.08-2.26)	1.18 (0.14-4.26)	0 (0-2.47)
	2/3189	2/1695	0/1494
G	0.17 (0.03-0.49)	0.22 (0.03-0.81)	0.11 (0.00-0.63)
	3/17849	2/8963	1/8886
H	0.34 (0.07-0.98)	0.21 (0.01-1.18)	0.48 (0.06-1.72)
	3/8939	1/4735	2/4206
I	0.59 (0.19-1.37)	0.46 (0.06-1.65)	0.73 (0.15-2.13)
	5/8488	2/4370	3/4114
J	1.08 (0.56-1.89)	0.87 (0.28-2.04)	1.31 (0.53-2.70)
	12/11066	5/5719	7/5339
K	0.22 (0.08-0.49)	0.36 (0.12-0.85)	0.08 (0.00-0.43)
	6/26730	5/13701	1/13023
L	0.22 (0.05-0.65)	0.14 (0.00-0.81)	0.30 (0.04-1.10)
	3/13482	1/6911	2/6571
M	0.41 (0.16-0.84)	0.57 (0.18-1.32)	0.24 (0.03-0.87)
	7/17143	5/8822	2/8317
N	0.55 (0.11-1.61)	0.71 (0.09-2.58)	0.38 (0.01-2.10)
	3/5456	2/2803	1/2653
O	0.28 (0.09-0.65)	0.44 (0.12-1.13)	0.11 (0.00-0.63)
	5/17886	4/9083	1/8799
P	0.35 (0.10-0.90)	0.68 (0.18-1.74)	0 (0-0.67)
	4/11385	4/5895	0/5491
Q	0 (0-22.79)	0 (0-43.99)	0 (0-46.19)
	0/160	0/82	0/78
R	0.50 (0.16-1.17)	0.58 (0.12-1.71)	0.41 (0.05-1.48)
	5/9945	3/5137	2/4874

¹Clopper-Pearson confidence intervals (CI) are shown. NICHD Neonatal Research Network Early-Onset Sepsis Surveillance Study II (2015-2017)

eTable 10. Rates of Early-Onset Sepsis per 1000 Live Births (LBs) by Study Center—Over All Reporting Sites and by Maternal Race

Center ¹	Rate/1000 LBs (95% CI), n/N ¹			
	All	Black	White	Other race, unknown, or not reported
A	1.53 (0.79-2.67)	1.57 (0.68-3.10)	2.52 (0.69-6.44)	0 (0-3.11)
	12/7853	8/5080	4/1587	0/1186
C	2.07 (0.95-3.93)	1.74 (0.64-3.79)	8.57 (1.77-24.84)	0 (0-6.59)
	9/4347	6/3439	3/350	0/558
D	1.94 (1.13-3.10)	1.20 (0.52-2.37)	4.80 (1.93-9.86)	3.04 (0.37-10.94)
	17/8776	8/6659	7/1459	2/658
E	0.86 (0.46-1.48)	1.34 (0.49-2.90)	0.79 (0.32-1.63)	0 (0-2.14)
	13/15050	6/4494	7/8836	0/1720
F	1.25 (0.34-3.21)	2.15 (0.26-7.76)	0.49 (0.01-2.74)	4.42 (0.11-24.41)
	4/3189	2/929	1/2034	1/226
H	0.56 (0.18-1.30)	0 (0-18.37)	0.66 (0.18-1.69)	0.37 (0.01-2.07)
	5/8939	0/199	4/6057	1/2685
I	0.94 (0.41-1.86)	0.97 (0.26-2.48)	0.97 (0.26-2.49)	0 (0-14.65)
	8/8488	4/4121	4/4117	0/250
L	0.74 (0.36-1.36)	1.42 (0.17-5.13)	0.75 (0.32-1.48)	0 (0-2.63)
	10/13482	2/1405	8/10677	0/1401
M	1.08 (0.59-1.81)	0 (0-24.95)	0.73 (0.31-1.43)	3.31 (1.22-7.20)
	14/12944	0/146	8/10988	6/1810
N	3.30 (1.96-5.21)	0 (0-25.47)	3.04 (1.52-5.43)	5.20 (2.09-10.68)
	18/5456	0/143	11/3620	7/1347
O	0.50 (0.23-0.95)	0.37 (0.08-1.07)	0.87 (0.32-1.89)	0 (0-1.32)
	9/17886	3/8199	6/6889	0/2798
P	0.79 (0.36-1.50)	1.49 (0.48-3.46)	0.47 (0.10-1.37)	0.62 (0.02-3.45)
	9/11385	5/3365	3/6409	1/1611
R	0.90 (0.41-1.72)	1.45 (0.30-4.23)	0.65 (0.18-1.67)	1.09 (0.13-3.92)
	9/9945	3/2071	4/6117	2/1839

¹Data were excluded from calculations if number of births was not reported by race (1 center) or if the number of births recorded as 'other race/unknown/not reported' was >20% of the total live births reported (4 centers, 1 hospital at each of 2 additional centers) UNLESS >20% of infants at the center were thought to have maternal race other than white or black as determined by center infants born 2015-2017 enrolled in the NRN high risk infant registry (centers H and N).

²Clopper-Pearson confidence intervals (CI) are shown.

NICHD Neonatal Research Network Early-Onset Sepsis Surveillance Study II (2015-2017)

eTable 11. Group B *Streptococcus* Early-Onset Sepsis Rates per 1000 Live Births (LBs) by Study Center—Over All Reporting Sites and by Maternal Race

Center ¹	Rate/1000 LBs (95% CI), n/N ²			
	All	Black	White	Other race, unknown, or not reported
A	0.25 (0.03-0.92)	0.20 (0.00-1.10)	0.63 (0.02-3.51)	0 (0-3.11)
	2/7853	1/5080	1/1587	0/1186
C	0.69 (0.14-2.02)	0 (0-1.07)	8.57 (1.77-24.84)	0 (0-6.59)
	3/4347	0/3439	3/350	0/558
D	1.03 (0.47-1.95)	0.75 (0.24-1.75)	2.06 (0.42-6.00)	1.52 (0.04-8.44)
	9/8776	5/6659	3/1459	1/658
E	0.20 (0.04-0.58)	0 (0-0.82)	0.34 (0.07-0.99)	0 (0-2.14)
	3/15050	0/4494	3/8836	0/1720
F	0 (0-1.16)	0 (0-3.96)	0 (0-1.81)	0 (0-16.19)
	0/3189	0/929	0/2034	0/226
H	0.22 (0.03-0.81)	0 (0-18.37)	0.17 (0.00-0.92)	0.37 (0.01-2.07)
	2/8939	0/199	1/6057	1/2685
I	0.24 (0.03-0.85)	0.49 (0.06-1.75)	0 (0-0.90)	0 (0-14.65)
	2/8488	2/4121	0/4117	0/250
L	0.15 (0.02-0.54)	0 (0-2.62)	0.19 (0.02-0.68)	0 (0-2.63)
	2/13482	0/1405	2/10677	0/1401
M	0.31 (0.08-0.79)	0 (0-24.95)	0.27 (0.06-0.80)	0.55 (0.01-3.07)
	4/12944	0/146	3/10988	1/1810
N	0.92 (0.30-2.14)	0 (0-25.47)	0.83 (0.17-2.42)	1.48 (0.18-5.35)
	5/5456	0/143	3/3620	2/1347
O	0.06 (0.00-0.31)	0.12 (0.00-0.68)	0 (0-0.54)	0 (0-1.32)
	1/17886	1/8199	0/6889	0/2798
P	0.26 (0.05-0.77)	0.59 (0.07-2.15)	0.16 (0.00-0.87)	0 (0-2.29)
	3/11385	2/3365	1/6409	0/1611
R	0.10 (0.00-0.56)	0.48 (0.01-2.69)	0 (0-0.60)	0 (0-2.00)
	1/9945	1/2071	0/6117	0/1839

¹Data were excluded from calculations if number of births was not reported by race (1 center) or if the number of births recorded as 'other race/unknown/not reported' was >20% of the total live births reported (4 centers, 1 hospital at each of 2 additional centers) UNLESS >20% of infants at the center were thought to have maternal race other than white or black as determined by center infants born 2015-2017 enrolled in the NRN high risk infant registry (centers H and N).

²Clopper-Pearson confidence intervals (CI) are shown.

NICHD Neonatal Research Network Early-Onset Sepsis Surveillance Study II (2015-2017)

eTable 12. *Escherichia coli* Early-Onset Sepsis Rates per 1000 Live Births (LBs) by Study Center—Over All Reporting Sites and by Maternal Race

Center ¹	Rate/1000 LBs (95% CI), n/N ¹			
	All	Black	White	Other race, unknown, or not reported
A	0.64 (0.21-1.49)	0.79 (0.21-2.01)	0.63 (0.02-3.51)	0 (0-3.11)
	5/7853	4/5080	1/1587	0/1186
C	0.69 (0.14-2.02)	0.87 (0.18-2.55)	0 (0-10.48)	0 (0-6.59)
	3/4347	3/3439	0/350	0/558
D	0.57 (0.19-1.33)	0.30 (0.04-1.08)	1.37 (0.17-4.94)	1.52 (0.04-8.44)
	5/8776	2/6659	2/1459	1/658
E	0.33 (0.11-0.78)	0.67 (0.14-1.95)	0.23 (0.03-0.82)	0 (0-2.14)
	5/15050	3/4494	2/8836	0/1720
F	0.63 (0.08-2.26)	1.08 (0.03-5.98)	0.49 (0.01-2.74)	0 (0-16.19)
	2/3189	1/929	1/2034	0/226
H	0.34 (0.07-0.98)	0 (0-18.37)	0.50 (0.10-1.45)	0 (0-1.37)
	3/8939	0/199	3/6057	0/2685
I	0.59 (0.19-1.37)	0.49 (0.06-1.75)	0.73 (0.15-2.13)	0 (0-14.65)
	5/8488	2/4121	3/4117	0/250
L	0.22 (0.05-0.65)	0 (0-2.62)	0.28 (0.06-0.82)	0 (0-2.63)
	3/13482	0/1405	3/10677	0/1401
M	0.31 (0.08-0.79)	0 (0-24.95)	0.09 (0.00-0.51)	1.66 (0.34-4.84)
	4/12944	0/146	1/10988	3/1810
N	0.55 (0.11-1.61)	0 (0-25.47)	0.28 (0.01-1.54)	1.48 (0.18-5.35)
	3/5456	0/143	1/3620	2/1347
O	0.28 (0.09-0.65)	0.12 (0.00-0.68)	0.58 (0.16-1.49)	0 (0-1.32)
	5/17886	1/8199	4/6889	0/2798
P	0.35 (0.10-0.90)	0.59 (0.07-2.15)	0.31 (0.04-1.13)	0 (0-2.29)
	4/11385	2/3365	2/6409	0/1611
R	0.50 (0.16-1.17)	0.48 (0.01-2.69)	0.49 (0.10-1.43)	0.54 (0.01-3.03)
	5/9945	1/2071	3/6117	1/1839

¹Data were excluded from calculations if number of births was not reported by race (1 center) or if the number of births recorded as 'other race/unknown/not reported' was >20% of the total live births reported (4 centers, 1 hospital at each of 2 additional centers) UNLESS >20% of infants at the center were thought to have maternal race other than white or black as determined by center infants born 2015-2017 enrolled in the NRN high risk infant registry (centers H and N).

²Clopper-Pearson confidence intervals (CI) are shown.

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eTable 13. Rates of Early-Onset Sepsis per 1000 Live Births (LBs) by Study Center—Over All Reporting Sites and by Maternal Ethnicity

Center ¹	Rate/1000 LBs (95% CI), n/N ¹			
	All	Hispanic	Non-Hispanic	Unknown or not reported
B	1.48 (1.03-2.06)	1.01 (0.61-1.58)	3.24 (1.85-5.25)	0
	35/23664	19/18720	16/4944	0/0
C	2.07 (0.95-3.93)	0 (0-49.28)	2.12 (0.97-4.02)	0 (0-123.4)
	9/4347	0/73	9/4246	0/28
D	2.14 (1.14-3.66)	1.49 (0.18-5.37)	2.33 (1.17-4.17)	0 (0-218.0)
	13/6072	2/1344	11/4713	0/15
E	0.86 (0.46-1.48)	0.80 (0.02-4.42)	0.97 (0.50-1.69)	0 (0-2.70)
	13/15050	1/1257	12/12429	0/1364
F	1.25 (0.34-3.21)	0 (0-6.83)	1.51 (0.41-3.86)	0 (0-602.4)
	4/3189	0/538	4/2647	0/4
H	0.56 (0.18-1.30)	1.22 (0.33-3.12)	0.18 (0.00-0.98)	0
	5/8939	4/3275	1/5666	0/0
I	0.94 (0.41-1.86)	0 (0-2.75)	1.12 (0.48-2.20)	0
	8/8488	0/1341	8/7147	0/0
J	2.56 (0.31-9.22)	5.28 (0.64-18.93)	0 (0-9.13)	0
	2/781	2/379	0/402	0/0
K	1.21 (0.71-1.94)	0.34 (0.01-1.87)	1.53 (0.88-2.49)	0 (0-5.78)
	17/14043	1/2979	16/10428	0/636
L	0.74 (0.36-1.36)	0 (0-2.69)	0.83 (0.40-1.53)	0 (0-36.94)
	10/13482	0/1372	10/12013	0/98
M	1.08 (0.59-1.81)	2.04 (0.56-5.22)	0.96 (0.46-1.76)	0 (0-7.02)
	14/12944	4/1960	10/10460	0/524
N	3.30 (1.96-5.21)	2.51 (1.08-4.94)	4.82 (2.21-9.13)	2.49 (0.06-13.78)
	18/5456	8/3186	9/1868	1/402
O	0.50 (0.23-0.95)	2.39 (0.49-6.98)	0.39 (0.14-0.85)	0 (0-2.88)
	9/17886	3/1254	6/15352	0/1280
P	0.79 (0.36-1.50)	1.54 (0.19-5.57)	0.69 (0.28-1.43)	0
	9/11385	2/1295	7/10091	0/0
Q	6.25 (0.16-34.33)	0 (0-119.4)	7.81 (0.20-42.76)	0 (0-707.6)
	1/160	0/29	1/128	0/3
R	0.90 (0.41-1.72)	0 (0-4.62)	0.54 (0.18-1.27)	102.6 (28.66-242.2)
	9/9945	0/796	5/9191	4/39

¹Data were excluded from calculations if number of births was not reported by ethnicity (2 centers, 1 hospital at each of 2 additional centers) or if the number of births recorded as 'unknown/not reported' was >20% of the total live births reported (1 hospital at each of 2 centers).

²Clopper-Pearson confidence intervals (CI) are shown.

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eTable 14. Group B *Streptococcus* Early-Onset Sepsis Rates per 1000 Live Births (LBs) by Study Center—Over All Reporting Sites and by Maternal Ethnicity

Center ¹	Rate/1000 LBs (95% CI), n/N ²			
	All	Hispanic	Non-Hispanic	Unknown or not reported
B	0.76 (0.45-1.20)	0.32 (0.12-0.70)	2.43 (1.25-4.24)	0
	18/23664	6/18720	12/4944	0/0
C	0.69 (0.14-2.02)	0 (0-49.28)	0.71 (0.15-2.06)	0 (0-123.4)
	3/4347	0/73	3/4246	0/28
D	1.32 (0.57-2.59)	0.74 (0.02-4.14)	1.49 (0.60-3.06)	0 (0-218.0)
	8/6072	1/1344	7/4713	0/15
E	0.20 (0.04-0.58)	0 (0-2.93)	0.24 (0.05-0.71)	0 (0-2.70)
	3/15050	0/1257	3/12429	0/1364
F	0 (0-1.16)	0 (0-6.83)	0 (0-1.39)	0 (0-602.4)
	0/3189	0/538	0/2647	0/4
H	0.22 (0.03-0.81)	0.31 (0.01-1.70)	0.18 (0.00-0.98)	0
	2/8939	1/3275	1/5666	0/0
I	0.24 (0.03-0.85)	0 (0-2.75)	0.28 (0.03-1.01)	0
	2/8488	0/1341	2/7147	0/0
J	0 (0-4.71)	0 (0-9.69)	0 (0-9.13)	0
	0/781	0/379	0/402	0/0
K	0.21 (0.04-0.62)	0.34 (0.01-1.87)	0.19 (0.02-0.69)	0 (0-5.78)
	3/14043	1/2979	2/10428	0/636
L	0.15 (0.02-0.54)	0 (0-2.69)	0.17 (0.02-0.60)	0 (0-36.94)
	2/13482	0/1372	2/12013	0/98
M	0.31 (0.08-0.79)	1.02 (0.12-3.68)	0.19 (0.02-0.69)	0 (0-7.02)
	4/12944	2/1960	2/10460	0/524
N	0.92 (0.30-2.14)	0.63 (0.08-2.27)	1.61 (0.33-4.69)	0 (0-9.13)
	5/5456	2/3186	3/1868	0/402
O	0.06 (0.00-0.31)	0.80 (0.02-4.44)	0 (0-0.24)	0 (0-2.88)
	1/17886	1/1254	0/15352	0/1280
P	0.26 (0.05-0.77)	0.77 (0.02-4.29)	0.20 (0.02-0.72)	0
	3/11385	1/1295	2/10091	0/0
Q	6.25 (0.16-34.33)	0 (0-119.4)	7.81 (0.20-42.76)	0 (0-707.6)
	1/160	0/29	1/128	0/3
R	0.10 (0.00-0.56)	0 (0-4.62)	0 (0-0.40)	25.64 (0.65-134.8)
	1/9945	0/796	0/9191	1/39

¹Data were excluded from calculations if number of births was not reported by ethnicity (2 centers, 1 hospital at each of 2 additional centers) or if the number of births recorded as 'unknown/not reported' was >20% of the total live births reported (1 hospital at each of 2 centers).

²Clopper-Pearson confidence intervals (CI) are shown.

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eTable 15. *Escherichia coli* Early-Onset Sepsis Rates per 1000 Live Births (LBs) by Study Center—Over All Reporting Sites and by Maternal Ethnicity

Center ¹	Rate/1000 LBs (95% CI), n/N ¹			
	All	Hispanic	Non-Hispanic	Unknown or not reported
B	0.42 (0.20-0.78)	0.37 (0.15-0.77)	0.61 (0.13-1.77)	0
	10/23664	7/18720	3/4944	0/0
C	0.69 (0.14-2.02)	0 (0-49.28)	0.71 (0.15-2.06)	0 (0-123.4)
	3/4347	0/73	3/4246	0/28
D	0 (0-0.61)	0 (0-2.74)	0 (0-0.78)	0 (0-218.0)
	0/6072	0/1344	0/4713	0/15
E	0.33 (0.11-0.78)	0.80 (0.02-4.42)	0.32 (0.09-0.82)	0 (0-2.70)
	5/15050	1/1257	4/12429	0/1364
F	0.63 (0.08-2.26)	0 (0-6.83)	0.76 (0.09-2.73)	0 (0-602.4)
	2/3189	0/538	2/2647	0/4
H	0.34 (0.07-0.98)	0.92 (0.19-2.67)	0 (0-0.65)	0
	3/8939	3/3275	0/5666	0/0
I	0.59 (0.19-1.37)	0 (0-2.75)	0.70 (0.23-1.63)	0
	5/8488	0/1341	5/7147	0/0
J	2.56 (0.31-9.22)	5.28 (0.64-18.93)	0 (0-9.13)	0
	2/781	2/379	0/402	0/0
K	0.36 (0.12-0.83)	0 (0-1.24)	0.48 (0.16-1.12)	0 (0-5.78)
	5/14043	0/2979	5/10428	0/636
L	0.22 (0.05-0.65)	0 (0-2.69)	0.25 (0.05-0.73)	0 (0-36.94)
	3/13482	0/1372	3/12013	0/98
M	0.31 (0.08-0.79)	0.51 (0.01-2.84)	0.29 (0.06-0.84)	0 (0-7.02)
	4/12944	1/1960	3/10460	0/524
N	0.55 (0.11-1.61)	0.31 (0.01-1.75)	1.07 (0.13-3.86)	0 (0-9.13)
	3/5456	1/3186	2/1868	0/402
O	0.28 (0.09-0.65)	0.80 (0.02-4.44)	0.26 (0.07-0.67)	0 (0-2.88)
	5/17886	1/1254	4/15352	0/1280
P	0.35 (0.10-0.90)	0 (0-2.84)	0.40 (0.11-1.01)	0
	4/11385	0/1295	4/10091	0/0
Q	0 (0-22.79)	0 (0-119.4)	0 (0-28.41)	0 (0-707.6)
	0/160	0/29	0/128	0/3
R	0.50 (0.16-1.17)	0 (0-4.62)	0.33 (0.07-0.95)	51.28 (6.27-173.2)
	5/9945	0/796	3/9191	2/39

¹Data were excluded from calculations if number of births was not reported by ethnicity (2 centers, 1 hospital at each of 2 additional centers) or if the number of births recorded as 'unknown/not reported' was >20% of the total live births reported (1 hospital at each of 2 centers).

²Clopper-Pearson confidence intervals (CI) are shown.

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eTable 16. Mortality and Timing of Death for Infants With Early-Onset Sepsis

		All (N=235)	Preterm (22-36 wk) with GBS or <i>E.coli</i>		Term (37+ wk) with GBS or <i>E.coli</i>		All with GBS or <i>E.coli</i>		
			GBS (N=17)	<i>E.coli</i> (N=68)	GBS (N=53)	<i>E.coli</i> (N=17)	GBS (N=70)	<i>E.coli</i> (N=85)	Adjusted RR of death for <i>E.coli</i> vs GBS (95% CI) ¹
All deaths, n (%)		38 (16)	4 (24)	27 (40)	0 (0)	0 (0)	4 (6)	27 (32)	1.66 (0.66-4.16)
Timing of death, n (%) ²									
1-3 d		19 (50)	2 (50)	16 (59)	0 (0)	0 (0)	2 (50)	16 (59)	
4-7 d		6 (16)	1 (25)	4 (15)	0 (0)	0 (0)	1 (25)	4 (15)	
8-14 d		5 (13)	1 (25)	1 (4)	0 (0)	0 (0)	1 (25)	1 (4)	
15+ d		8 (21)	0 (0)	6 (22)	0 (0)	0 (0)	0 (0)	6 (22)	

Data for one infant with both GBS and *E.coli* were included in all patient data but excluded from GBS and *E.coli* columns.

¹ Relative risk (RR) of death and 95% confidence interval (CI) for infants with *E.coli* versus GBS infection adjusted for gestational age from a modified Poisson regression model that included gestational age (continuous) and pathogen group indicator. The adjusted RR was not statistically significant, p=0.28.

² Percentages are among infants who died.

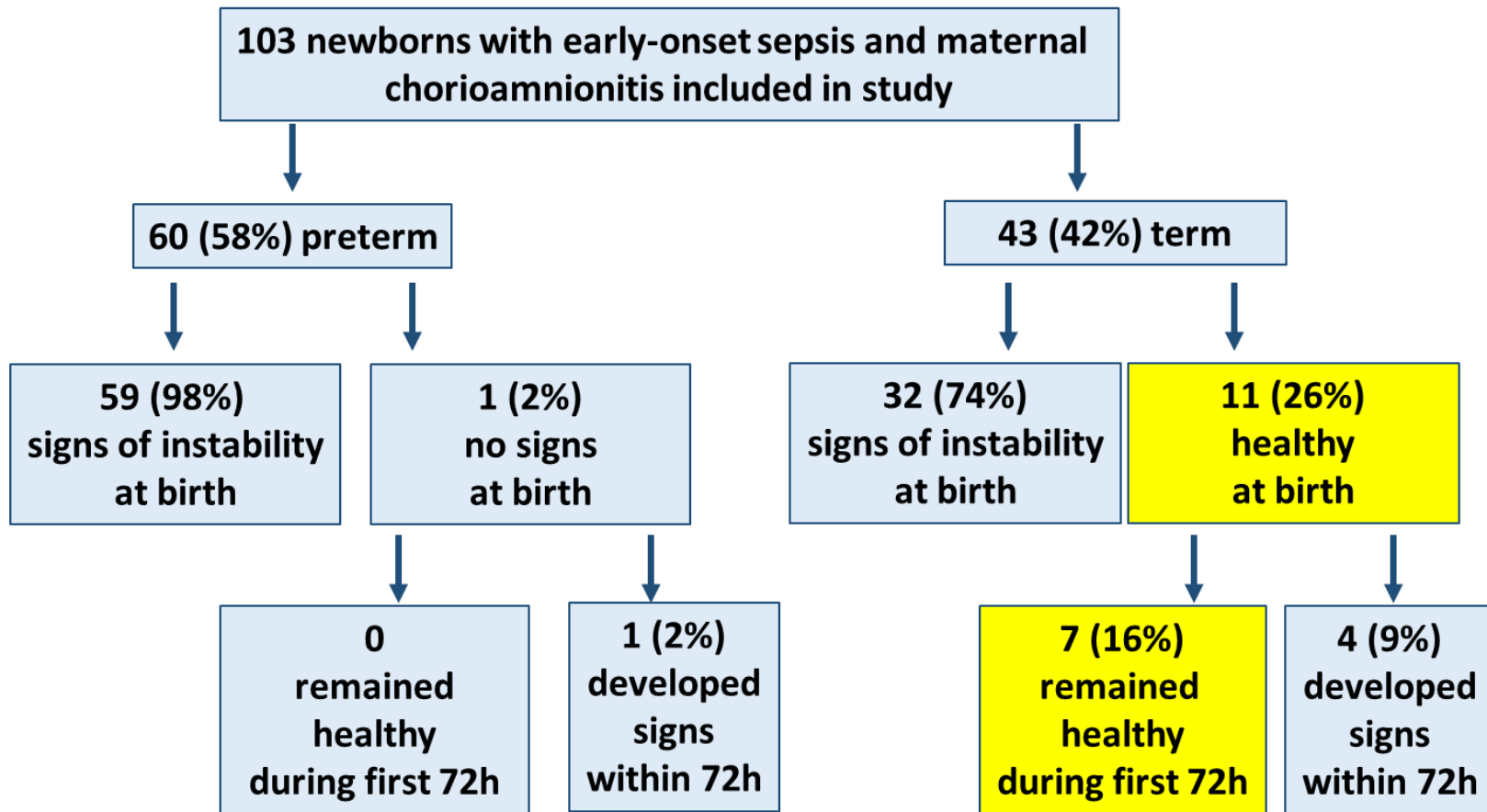
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eTable 17. Mortality by Gestational Age and Birth Weight for Infants With Early Onset Infection

	n/N cases (%)		
	All	GBS	E coli
All deaths	38/235 (16)	4/70 (6)	27/85 (32)
By gestational age, weeks			
22-28	29/67 (43)	3/5 (60)	20/44 (45)
29-33	7/50 (14)	1/9 (11)	5/20 (25)
34-36	2/14 (14)	0/3 (0)	2/4 (50)
≥ 37	0/104 (0)	0/53 (0)	0/17 (0)
By birth weight, grams			
401-1000	23/50 (46)	2/3 (67)	16/34 (47)
1001-1500	7/38 (18)	1/7 (14)	5/17 (29)
1501-2500	6/39 (15)	1/7 (14)	4/14 (29)
≥ 2501	2/108 (2)	0/53 (0)	2/20 (10)

Data for one infant with both GBS and E coli were included in all patient data but excluded from GBS and E coli columns.
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eFigure. How Frequently Do Infants With Early-Onset Sepsis Born to Mothers With Chorioamnionitis Appear Well at Birth



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