

Supplemental Table 4. Survival, rates of cerebral palsy and Ages and Stages Questionnaire below threshold at 2 years corrected age by week of gestation in neonates born between 24 and 26 weeks.

	24 weeks*		25 weeks		26 weeks		p-value†	
Live births								
Survival at 2 years CA	59/187	31.6 (25.0 to 38.7)	181/308	58.8 (53.0 to 64.3)	305/413	73.8 (69.3 to 78.0)	<0.001	
Survival without neuro-motor or sensory disability at 2 years CA‡,§		29.3 (22.6 to 35.9)		54.6 (48.8 to 60.3)		69.8 (65.2 to 74.3)	<0.001	
Survivors at 2 years CA								
Cerebral palsy	5/51	9.8 (3.3 to 21.4)	15/142	10.6 (6.0 to 16.8)	11/257	4.3 (2.2 to 7.5)	0.041	
Deafness	1/50	2.0 (0.1 to 10.6)	2/139	1.4 (0.2 to 5.1)	3/253	1.2 (0.2 to 3.4)	0.90	
Blindness	0/50	0.0 -	1/130	0.8 (0.0 to 4.2)	2/241	0.8 (0.1 to 3.0)	0.81	
Neuro-motor or sensory disability§	3/49	6.1 (1.3 to 16.9)	9/131	6.9 (3.2 to 12.6)	13/240	5.4 (2.9 to 9.1)	0.85	
Total ASQ score (median[IQR])	35	220 [175 to 245]	92	215 [180 to 242]	186	230 [185 to 255]	0.12	
ASQ below threshold¶	24/35	68.6 (50.7 to 83.1)	47/92	51.1 (40.4 to 61.7)	86/186	46.2 (38.9 to 53.7)	0.052	
No. of domains below threshold								
0	11/35	31.4 (16.9 to 49.3)	45/92	48.9 (38.3 to 59.6)	100/186	53.8 (46.3 to 61.1)		
1	14/35	40.0 (23.9 to 57.9)	22/92	23.9 (15.6 to 33.9)	40/186	21.5 (15.8 to 28.1)		
2	4/35	11.4 (3.2 to 26.7)	13/92	14.1 (7.7 to 23.0)	21/186	11.3 (7.1 to 16.7)		
3	0/35	0.0 -	7/92	7.6 (3.1 to 15.1)	12/186	6.5 (3.4 to 11.0)		
4/5	6/35	17.1 (6.6 to 33.6)	5/92	5.4 (1.8 to 12.2)	13/186	7.0 (3.8 to 11.7)		
By domain								
Communication	16/35	45.7 (28.8 to 63.4)	27/92	29.3 (20.3 to 39.8)	63/186	33.9 (27.1 to 41.2)		
Gross motor	10/35	28.6 (14.6 to 46.3)	13/92	14.1 (7.7 to 23.0)	29/186	15.6 (10.7 to 21.6)		
Fine motor	7/35	20.0 (8.4 to 36.9)	9/92	9.8 (4.6 to 17.8)	22/186	11.8 (7.6 to 17.4)		
Problem solving	7/35	20.0 (8.4 to 36.9)	12/92	13.0 (6.9 to 21.7)	21/186	11.3 (7.1 to 16.7)		
Personal-social	8/35	22.9 (10.4 to 40.1)	29/92	31.5 (22.2 to 42)	41/186	22.0 (16.3 to 28.7)		

Abbreviation: CA, corrected age; ASQ, ages and stages questionnaire; IQR, interquartile range.

Complete case analysis unless noted. Data are number of events/number in group and % (exact 95% confidence intervals), unless otherwise noted. Denominators vary according to the number of missing data for each variable.

* Including one survivor born at 23 weeks + 6 days.

† Comparison between gestational age weeks.

‡ Results based on multiple imputed data.

§ Severe or moderate neuro-motor or sensory disability: severe = cerebral palsy GMFCS levels 3-5 and/or bilateral deafness and/or bilateral blindness; moderate = cerebral palsy GMFCS level-2 and/or unilateral deafness and/or unilateral blindness. Six infants had associated severe or moderate cerebral palsy and sensory disabilities.

¶ For each domain, a score lower than 2 standard deviations from the mean, using established screening cut-off points (Squire, 2009) was reported. If a score was below threshold in at least one domain, the global ASQ was considered below threshold.