

Supplemental Table 5: Survival and survival without neuro-motor or sensory disabilities for children included in the 9 regions participating in both EPIPAGE (1997) and EPIPAGE-2 (2011) studies by weeks' gestational age.

	1997		2011 (EPIPAGE-1 regions)		Adjusted difference 2011 v 1997*	p- value
Live births						
Survivors at 2 years CA						
22-23 weeks	0/46	0.0 -	0/76	0.0 -	0.0 -	
24 weeks	13/42	32.7 (18.5-49.7)	28/96	29.2 (20.3-39.3)	-0.6 (-17.0 to 15.8)	0.94
25 weeks	59/119	49.3 (39.6-59.1)	98/163	60.1 (52.2-67.7)	10.0 (-1.0 to 21.1)	0.075
26 weeks	88/158	55.9 (47.4-64.2)	133/184	72.3 (65.2-78.6)	14.6 (5.3 to 23.9)	0.002
27 weeks	162/230	69.1 (62.2-75.4)	142/170	83.5 (77.1-88.8)	14.6 (7.4 to 21.8)	<0.001
28 weeks	222/285	77.7 (72.1-82.7)	193/215	89.8 (84.9-93.5)	10.5 (4.6 to 16.4)	<0.001
29 weeks	242/273	88.1 (83.2-91.9)	217/226	96.0 (92.6-98.2)	7.4 (3.4 to 11.5)	<0.001
30 weeks	380/419	90.6 (87.2-93.4)	307/318	96.5 (93.9-98.3)	4.7 (1.6 to 7.8)	0.003
31 weeks	524/551	95.2 (92.9-96.9)	402/413	97.3 (95.3-98.7)	2.5 (0.5 to 4.6)	0.016
32 weeks	751/778	96.1 (93.9-97.7)	117/120	97.5 (92.9-99.5)	0.8 (-1.4 to 3.0)	0.49
33 weeks	196/203	96.3 (92.2-98.6)	138/141	97.9 (93.9-99.6)	1.1 (-1.8 to 4.1)	0.45
34 weeks	228/230	98.9 (95.7-99.9)	289/296	97.6 (95.2-99.0)	-1.4 (-3.6 to 0.9)	0.23
Survivors without neuro-motor or sensory disabilities at 2 years CA						
22-23 weeks		0.0		0.0 -	-	
24 weeks		29.0 (12.3 to 45.7)		25.8 (16.9 to 34.6)	-1.9 (-18.9 to 15.2)	0.83
25 weeks		43.5 (34.0 to 53.1)		55.4 (47.6 to 63.2)	12.7 (1.3 to 24.0)	0.028
26 weeks		46.9 (38.6 to 55.3)		68.5 (61.6 to 75.4)	21.6 (11.8 to 31.3)	<0.001
27 weeks		64.3 (57.6 to 71.0)		77.8 (71.3 to 84.3)	14.5 (6.4 to 22.7)	<0.001
28 weeks		72.0 (66.4 to 77.6)		85.5 (80.5 to 90.5)	12.1 (5.5 to 18.7)	0.003
29 weeks		80.9 (75.7 to 86.2)		91.4 (87.5 to 95.2)	10.3 (4.5 to 15.8)	0.003
30 weeks		87.6 (84.2 to 91.0)		93.5 (90.5 to 96.4)	4.8 (0.7 to 9.0)	0.028
31 weeks		91.2 (88.5 to 93.8)		95.0 (92.8 to 97.2)	3.7 (0.7 to 6.7)	0.017
32 weeks		93.8 (91.4 to 96.2)		97.0 (93.5 to 100.0)	3.3 (-0.3 to 6.9)	0.076
33 weeks		94.8 (91.2 to 98.3)		97.5 (94.8 to 100.0)	2.5 (-0.7 to 5.7)	0.13
34 weeks		98.2 (96.0 to 100.0)		96.4 (94.0 to 98.9)	-2.0 (-4.0 to 0.1)	0.063

Abbreviation: CA, corrected age

Data are number of events/number in group and % (exact 95% binomial confidence intervals). Percentages are weighted to account for differences in sampling process between gestational age groups.

* Risk differences were estimated using a binomial model with identity link.

† Adjusted for gender, single or multiple pregnancy, small-for-gestational age and parents' socio-economic status.

‡ Complete cases analysis. No survivors at 22-23 weeks in the 9 regions participating in both EPIPAGE studies.

§ Results based on data using multiple imputation. Moderate or severe neuro-motor or sensory disabilities. Severe neuro-motor or sensory disabilities: cerebral palsy GMFCS levels 3-5 and/or bilateral deafness and/or bilateral blindness; moderate neuro-motor or sensory disabilities: cerebral palsy GMFCS level-2 and/or unilateral deafness and/or unilateral blindness.