

**Table 1.** Demographics of children with sepsis treated with intravenous fluids

	Fluid administered in the first 24 hours of hospitalisation: overall; n=5352				Fluid administered in the first 24 hours of hospitalisation: children meeting Phoenix sepsis criteria; n=293			
	Total volume (ml/kg); median (IQR)	Resuscitation fluid volume (ml/kg); median (IQR)	Maintenance fluid volume (ml/kg); median (IQR)	Co- administered fluid volume (ml/kg); median (IQR)	Total volume (ml/kg); median (IQR)	Resuscitation fluid volume (ml/kg); median (IQR)	Maintenance fluid volume (ml/kg); median (IQR)	Co-administered fluid volume (ml/kg); median (IQR)
<b>Overall</b>	Median = 40.0 (IQR = 20.6, 61.5); N = 5352	Median = 10.1 (IQR = 10.0, 20.0); N = 4309	Median = 32.7 (IQR = 18.9, 51.5); N = 4498	Median = 7.0 (IQR = 3.5, 15.0); N = 1389	Median = 49.5 (IQR = 30.8, 77.1); N = 293	Median = 21.0 (IQR = 10.6, 40.0); N = 260	Median = 29.4 (IQR = 15.4, 44.4); N = 266	Median = 13.5 (IQR = 5.6, 25.5); N = 124
<b>Age</b>								
<1 month (n = 563 [21])	Median = 35.0 (IQR = 10.6, 63.3); N = 563	Median = 10.1 (IQR = 9.9, 19.6); N = 444	Median = 39.1 (IQR = 21.1, 62.7); N = 397	Median = 9.9 (IQR = 4.6, 18.5); N = 152	Median = 69.2 (IQR = 46.6, 89.7); N = 21	Median = 19.8 (IQR = 10.0, 53.2); N = 20	Median = 48.5 (IQR = 22.4, 62.6); N = 19	Median = 29.8 (IQR = 5.6, 65.7); N = 11
1 month - <1 year (n = 1209 [50])	Median = 39.6 (IQR = 19.0, 66.5); N = 1208	Median = 10.1 (IQR = 10.0, 20.0); N = 1006	Median = 37.9 (IQR = 21.6, 58.7); N = 909	Median = 8.9 (IQR = 4.2, 16.1); N = 326	Median = 60.1 (IQR = 32.5, 84.2); N = 50	Median = 24.5 (IQR = 19.5, 39.5); N = 43	Median = 39.6 (IQR = 14.4, 54.7); N = 46	Median = 15.0 (IQR = 6.7, 30.1); N = 23
1 year - <2 years (n = 693 [28])	Median = 44.6 (IQR = 23.9, 67.3); N = 692	Median = 10.1 (IQR = 10.0, 20.0); N = 539	Median = 38.2 (IQR = 23.1, 57.4); N = 591	Median = 6.5 (IQR = 3.3, 12.8); N = 150	Median = 42.4 (IQR = 27.8, 74.1); N = 28	Median = 30.0 (IQR = 15.9, 40.0); N = 26	Median = 28.7 (IQR = 18.8, 34.2); N = 21	Median = 13.4 (IQR = 11.0, 20.0); N = 9
2 years - <5 years (n = 928 [52])	Median = 47.0 (IQR = 28.1, 68.0); N = 928	Median = 10.1 (IQR = 10.0, 20.0); N = 704	Median = 38.4 (IQR = 22.7, 58.0); N = 840	Median = 6.7 (IQR = 3.3, 17.7); N = 218	Median = 58.1 (IQR = 31.4, 84.1); N = 52	Median = 20.0 (IQR = 10.0, 40.2); N = 44	Median = 35.4 (IQR = 23.1, 55.2); N = 48	Median = 12.1 (IQR = 4.7, 22.1); N = 17
5 years - <12 years (n = 1257 [84])	Median = 41.5 (IQR = 26.1, 58.8); N = 1254	Median = 10.3 (IQR = 10.0, 20.0); N = 1019	Median = 30.4 (IQR = 18.3, 45.0); N = 1143	Median = 7.1 (IQR = 3.6, 16.1); N = 318	Median = 46.6 (IQR = 33.0, 69.6); N = 84	Median = 20.0 (IQR = 11.6, 38.2); N = 78	Median = 28.6 (IQR = 13.9, 38.6); N = 77	Median = 17.1 (IQR = 7.8, 24.8); N = 35

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12 years - <18 years (n = 707 [58])	Median = 31.7 (IQR = 19.6, 44.8); N = 705	Median = 11.4 (IQR = 10.0, 20.0); N = 595	Median = 20.4 (IQR = 12.0, 30.6); N = 616	Median = 5.1 (IQR = 2.6, 10.6); N = 225	Median = 38.9 (IQR = 24.1, 62.2); N = 58	Median = 22.9 (IQR = 10.6, 40.1); N = 49	Median = 19.6 (IQR = 10.2, 29.4); N = 55	Median = 9.8 (IQR = 5.3, 14.5); N = 29
<b>Sex</b>								
Female (n = 2468 [132])	Median = 40.1 (IQR = 21.1, 60.6); N = 2464	Median = 10.1 (IQR = 10.0, 20.0); N = 2015	Median = 32.2 (IQR = 18.7, 50.8); N = 2068	Median = 7.0 (IQR = 3.6, 15.3); N = 639	Median = 47.5 (IQR = 32.2, 77.1); N = 132	Median = 21.0 (IQR = 15.5, 39.7); N = 118	Median = 30.7 (IQR = 17.3, 44.4); N = 116	Median = 12.1 (IQR = 5.5, 23.5); N = 51
Male (n = 2890 [161])	Median = 39.8 (IQR = 20.3, 62.4); N = 2886	Median = 10.1 (IQR = 10.0, 20.0); N = 2292	Median = 33.2 (IQR = 19.0, 52.3); N = 2428	Median = 7.0 (IQR = 3.5, 14.9); N = 749	Median = 49.7 (IQR = 29.8, 78.0); N = 161	Median = 20.7 (IQR = 10.3, 42.5); N = 142	Median = 26.1 (IQR = 14.2, 44.4); N = 150	Median = 14.5 (IQR = 5.7, 29.8); N = 73
<b>Indigenous status</b>								
ATSI / Maori (n = 520 [31])	Median = 38.5 (IQR = 20.2, 61.5); N = 518	Median = 18.8 (IQR = 10.0, 20.4); N = 419	Median = 30.8 (IQR = 16.9, 48.9); N = 419	Median = 11.5 (IQR = 5.3, 20.9); N = 57	Median = 71.1 (IQR = 38.4, 96.2); N = 31	Median = 31.0 (IQR = 20.0, 50.5); N = 29	Median = 33.1 (IQR = 18.4, 44.4); N = 29	Median = 19.7 (IQR = 7.0, 25.7); N = 7
Non-ATSI / Maori (n = 4840 [262])	Median = 40.3 (IQR = 20.7, 61.6); N = 4834	Median = 10.1 (IQR = 10.0, 20.0); N = 3890	Median = 32.9 (IQR = 19.1, 51.8); N = 4079	Median = 6.9 (IQR = 3.5, 14.6); N = 1332	Median = 47.2 (IQR = 30.4, 73.7); N = 262	Median = 20.3 (IQR = 10.3, 40.0); N = 231	Median = 29.3 (IQR = 15.0, 44.3); N = 237	Median = 13.4 (IQR = 5.6, 25.4); N = 117
<b>Co-morbidities</b>								
1 PCCC (n = 1023 [64])	Median = 38.9 (IQR = 21.3, 60.8); N =	Median = 10.1 (IQR = 10.0, 20.0); N =	Median = 32.9 (IQR = 18.0, 51.5); N =	Median = 6.7 (IQR = 3.6, 13.9); N =	Median = 39.9 (IQR =	Median = 20.0 (IQR = 10.9, 40.0); N =	Median = 25.4 (IQR = 14.0, 40.2); N =	Median = 11.6 (IQR = 5.6, 25.7); N = 33

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	1021	830	856	308	25.8, 72.5); N = 64	57	54	
≥2 PCCC (n = 1227 [110])	Median = 39.9 (IQR = 21.5, 59.4); N = 1225	Median = 10.2 (IQR = 10.0, 20.0); N = 897	Median = 31.5 (IQR = 18.8, 48.9); N = 1085	Median = 8.6 (IQR = 4.0, 17.7); N = 362	Median = 45.8 (IQR = 30.5, 65.7); N = 110	Median = 20.0 (IQR = 10.0, 39.8); N = 92	Median = 28.6 (IQR = 17.4, 38.0); N = 105	Median = 11.7 (IQR = 4.5, 22.9); N = 56
ICU admission (n = 1016 [230])	Median = 45.6 (IQR = 27.6, 69.1); N = 1016	Median = 19.7 (IQR = 10.0, 30.0); N = 793	Median = 31.9 (IQR = 17.5, 50.1); N = 925	Median = 10.6 (IQR = 4.6, 21.1); N = 342	Median = 49.6 (IQR = 30.6, 78.4); N = 230	Median = 26.5 (IQR = 12.1, 41.2); N = 206	Median = 27.7 (IQR = 13.0, 43.0); N = 210	Median = 14.7 (IQR = 6.8, 29.8); N = 100
Vasoactive infusion (n = 201 [141])	Median = 52.7 (IQR = 35.4, 82.3); N = 201	Median = 30.3 (IQR = 20.0, 45.7); N = 190	Median = 24.9 (IQR = 13.7, 40.8); N = 181	Median = 17.2 (IQR = 10.2, 31.2); N = 68	Median = 59.5 (IQR = 35.2, 86.9); N = 141	Median = 33.0 (IQR = 20.1, 50.0); N = 135	Median = 25.4 (IQR = 13.0, 40.8); N = 125	Median = 21.1 (IQR = 12.0, 33.7); N = 53
Mechanical ventilation (n = 300 [147])	Median = 47.4 (IQR = 29.9, 74.9); N = 300	Median = 20.4 (IQR = 10.0, 39.9); N = 252	Median = 29.2 (IQR = 14.8, 45.7); N = 268	Median = 13.6 (IQR = 8.4, 27.5); N = 95	Median = 53.3 (IQR = 33.3, 86.9); N = 147	Median = 30.5 (IQR = 19.9, 47.9); N = 134	Median = 26.0 (IQR = 13.9, 43.3); N = 130	Median = 17.2 (IQR = 11.2, 30.0); N = 55
Renal replacement therapy (n = 22 [12])	Median = 51.7 (IQR = 28.2, 74.6); N = 22	Median = 20.4 (IQR = 10.2, 42.7); N = 18	Median = 21.8 (IQR = 16.1, 37.3); N = 21	Median = 12.9 (IQR = 1.2, 65.4); N = 4	Median = 58.7 (IQR = 45.1, 77.1); N = 12	Median = 38.6 (IQR = 20.4, 54.8); N = 12	Median = 24.2 (IQR = 15.4, 28.0); N = 11	Median = 106.3 (IQR = 106.3, 106.3); N = 1

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<b>ECLS (n = 12 [12])</b>	Median = 51.7 (IQR = 33.7, 79.1); N = 12	Median = 36.3 (IQR = 20.1, 54.8); N = 12	Median = 21.7 (IQR = 16.1, 30.8); N = 9	Median = 52.0 (IQR = 32.7, 106.3); N = 5	Median = 51.7 (IQR = 33.7, 79.1); N = 12	Median = 36.3 (IQR = 20.1, 54.8); N = 12	Median = 21.7 (IQR = 16.1, 30.8); N = 9	Median = 52.0 (IQR = 32.7, 106.3); N = 5
<b>Death within 28 days (n = 52 [31])</b>	Median = 40.0 (IQR = 26.2, 72.6); N = 52	Median = 23.0 (IQR = 10.1, 40.1); N = 44	Median = 25.7 (IQR = 14.2, 42.9); N = 43	Median = 12.0 (IQR = 3.8, 26.4); N = 19	Median = 41.9 (IQR = 32.4, 82.3); N = 31	Median = 32.2 (IQR = 20.0, 50.0); N = 27	Median = 27.2 (IQR = 12.2, 41.9); N = 24	Median = 16.4 (IQR = 6.5, 41.4); N = 12

PCCC, Pediatric Complex Chronic Condition. ICU, intensive care unit. IQR, interquartile range. ECLS = Extra-Corporeal Life Support.