

 Shared health Soins communs Manitoba	H01 - PEDIATRIC VITAL SIGNS	
	Version date: 2019-03-13	REFERENCE

Hypotension is defined by SBP less than 70 + (age x 2)					
Age	Respiratory Rate (breaths / min)	Heart Rate (beats / min)	Average Systolic BP (mmHg)	Average Diastolic BP (mmHg)	Minimum Systolic BP (mmHg)
0 – 1 month	25 - 60	125 - 185	45 - 80	35 - 55	
1 – 3 months	25 - 55	120 - 180	65 - 85	35 - 60	
3 – 6 months	25 - 55	110 - 180	70 - 90	35 - 65	
6 – 12 months	20 - 50	105 - 175	80 - 100	40 - 65	70
1 – 2 years	20 - 50	95 - 155	80 - 105	40 - 70	72 - 74
2 – 3 years	20 - 40	90 - 150	80 - 110	40 - 75	74 - 76
3 – 5 years	20 - 30	75 - 140	80 - 115	40 - 75	76 - 80
5 – 7 years	20 - 25	65 - 135	85 - 115	40 - 80	80 - 84
8 – 10 years	18 - 20	60 - 130	90 - 120	45 - 80	86 - 90
11 – 13 years	15 - 18	60 - 130	95 - 120	45 - 80	92 - 96
14 to 18 years	12 - 15	60 - 120	100 - 120	50 - 80	98 - 116
These are approximate values only and there is considerable variation within and overlap between each age category. Clinical judgment is required to correctly interpret pediatric vital signs.					