

### Appendix 3: Characteristics of air-medical transports stratified by diagnostic category (N = 18 001\*)

Factor	Respiratory n = 1294	Cardiovascular n = 5937	Neurologic n = 2496	Trauma n = 1741	Obstetric n = 1302	Surgical n = 1806	Other medical n = 3425
<b>Patient</b>							
Age, yr, median (IQR)	62 (47–74)	62 (52–73)	51 (34–67)	40 (27–32)	26 (22–32)	52 (35–68)	45 (29–63)
Female sex, %	44.5	35.4	41.5	30.7	100.0	53.7	46.7
Hemodynamic instability at baseline, %	8.1	4.2	2.0	3.0	0.7	4.1	3.1
Assisted ventilation before transport, %	25.4	6.0	23.3	10.3	–†	4.8	8.1
<b>Transport</b>							
Distance, km, median (IQR)	181 (88–346)	202 (110–330)	180 (97–314)	190 (98–375)	272 (178–375)	239 (136–366)	223 (129–366)
Duration, min, median (IQR)	60 (36–88)	65 (45–100)	53 (33–78)	45 (30–69)	73 (51–97)	62 (40–87)	51 (30–78)
Helicopter transport, %	53.1	48.0	64.9	70.4	43.2	46.7	58.5
Critical care paramedic crew, %	58.9	60.5	61.5	67.0	48.2	43.0	43.4
<b>Contextual</b>							
Type of sending facility, %							
Acute care hospital	63.0	78.3	67.9	51.9	64.9	59.6	52.3
Non-acute care facility	17.5	8.2	9.4	10.2	24.5	23.3	19.8
On-scene call	11.6	9.2	16.3	28.8	3.5	9.5	18.2
Rural sending site, %	47.4	34.5	39.5	38.9	63.1	65.8	51.3
Night transport, %	38.5	33.0	41.3	38.8	46.1	36.9	38.8
Weekend transport, %	29.1	27.0	30.0	32.7	27.6	27.1	29.2
<b>Critical events, %</b>	6.8	6.0	4.7	5.9	2.5	4.6	4.4

\*Diagnostic information was available for 18 001 (93.6%) of the 19 228 transports.

†Cells with 5 or fewer observations (or equivalent proportions) have been masked in accordance with the privacy regulations of the Institute for Clinical Evaluative Sciences.