

**Table 3.** Mean annual PTA/PTC admissions per hospital over the five-year study period, compared with markers of local socioeconomic deprivation and population size. IMD – Index of multiple deprivations; ONS – Office for National Statistics, ED – Emergency Department. More severe deprivation is indicated by higher deprivation scores (IMD) or higher ranks (out of 149; ONS). For local authorities: all of Liverpool local authority was allocated to the Royal Liverpool Hospital; St Helens, Knowsley and Sefton were allocated to Aintree University Hospital; Warrington and Halton were allocated to Warrington. Total ED visits reported for Aintree is the pooled total from Southport and Ormskirk, St Helens and Knowsley and Aintree EDs (Aintree acts as the secondary care hub for all ENT admissions in these areas).

	Aintree	Royal Liverpool	Arrowe	Warrington	Leighton	Chester
Mean annual PTA/PTC admissions	159	105	84	52	41	32
IMD local authority score	43	42	30	32	14	18
ONS Health Index rank (out of 149)	144	137	98	47	19	35
ED visits Q4 2015-16	118,754	59,140	31,823	30,844	21,964	19,306
ONS population 2016	600,631	484,578	321,238	335,712	376,695	335,680
ED visits per head population, Q4 2015-16	0.198	0.122	0.099	0.092	0.058	0.058