

Trends in age and ICNARC Physiology Score

Question

What was the trend in mean age and mean ICNARC Physiology Score from 2009 to 2012?

Available data for report

415,868 admissions to 214 adult, general critical care units between 1 January 2009 and 30 September 2012.

Selection of Cases

All admissions to adult, general critical care units (i.e. excluding specialist units and standalone high dependency units) participating in the Case Mix Programme.

Definitions for variables included

Age in whole years at last birthday was calculated from the date of birth and date of admission to the critical care unit.

The ICNARC Physiology Score is based on weightings for deviations from normal in the twelve physiological parameters during the first 24 hours following admission to the critical care unit. It was derived from raw physiology data using standardised computer algorithms.

Results

The trends in mean age and mean ICNARC Physiology Score are shown in Table 1. The data indicate a very slight increasing trend in mean age and very slight decreasing trend in mean ICNARC Physiology Score.

Table 1: Mean age and ICNARC Physiology Score by year, 2009-2012

Year	Number of admissions*	Age, mean (SD)	ICNARC Physiology Score, mean (SD)
2009	97,485	60.4 (18.4)	17.6 (9.6)
2010	114,207	60.6 (18.4)	17.4 (9.5)
2011	127,664	60.8 (18.2)	17.0 (9.4)
2012	76,512	61.4 (18.1)	16.9 (9.3)

SD: standard deviation

*Number of admissions with validated data in the Case Mix Programme Database.

Note: data for 2012 are incomplete at time of reporting.