

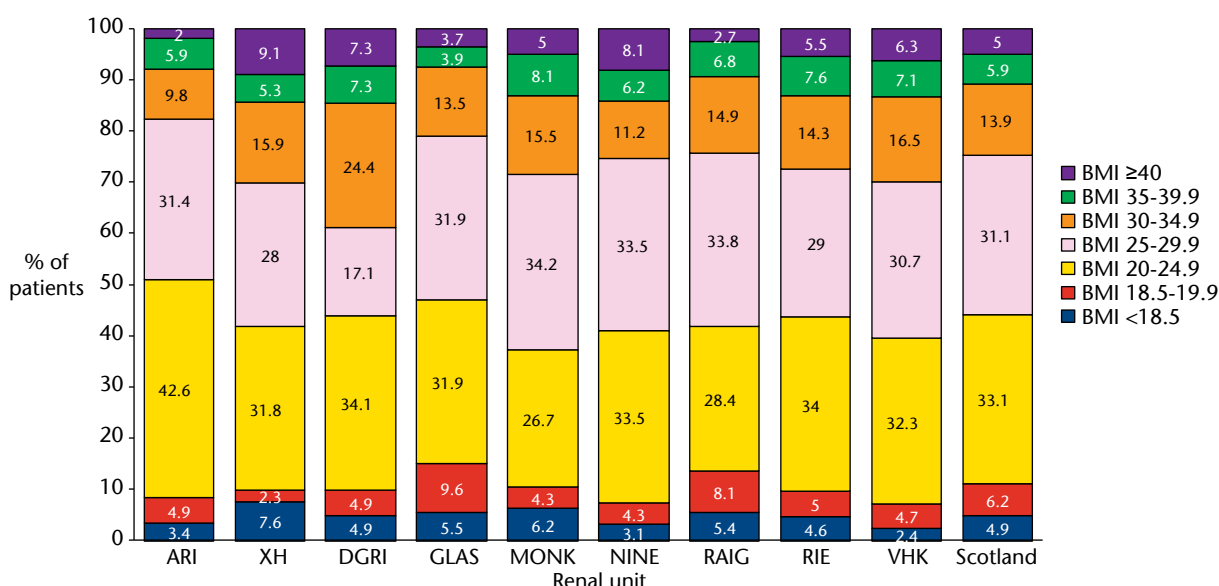
SECTION J ANTHROPOMETRIC MEASUREMENTS OF HAEMODIALYSIS PATIENTS

Patients’ measured height and weight were recorded in the May 2012 census, all prevalent home and hospital HD patients on 2 May 2012 were included. Height and weight measurements were available for 1735 (92.6%) of the 1873 prevalent HD patients. Body mass index (BMI) can be calculated using height and weight in adult patients. Patients aged under 18 (6 patients) and those with one or more limb amputations (85 patients) are excluded from the analyses.

The data collection form and methods are available on the SRR website:

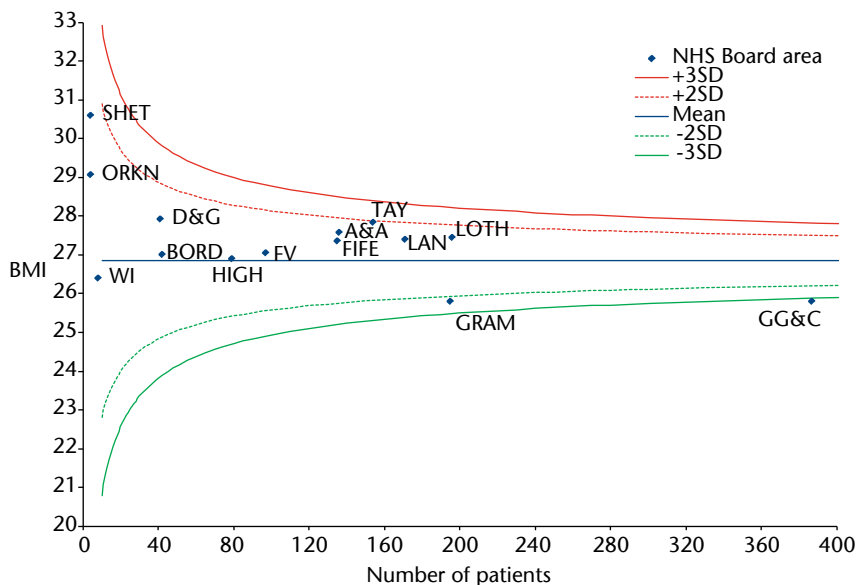
<http://www.srr.scot.nhs.uk/Projects/Main.html#census>

J1 Distribution of BMI (kg/m²) by renal unit May 2012



The BMI range categories have been altered in this report compared with previous SRR reports to allow direct comparison with bandings used elsewhere. The WHO suggest that BMI <18.5 kg/m² is underweight in the normal population, that BMI ≥ 25 kg/m² is overweight and ≥ 30 kg/m² denotes obesity. A BMI of <20kg/m² is suggested as an audit measure by Renal Association clinical guidelines as a measure of under nutrition. The Renal Association guideline regarding evaluation and selection for potential renal transplant states that patients with BMI >30 kg/m² present technical difficulties, and those with BMI >40 kg/m² are less likely to benefit from transplantation.

J2 Distribution of mean BMI (kg/m²) by NHS Board area of residence May 2012



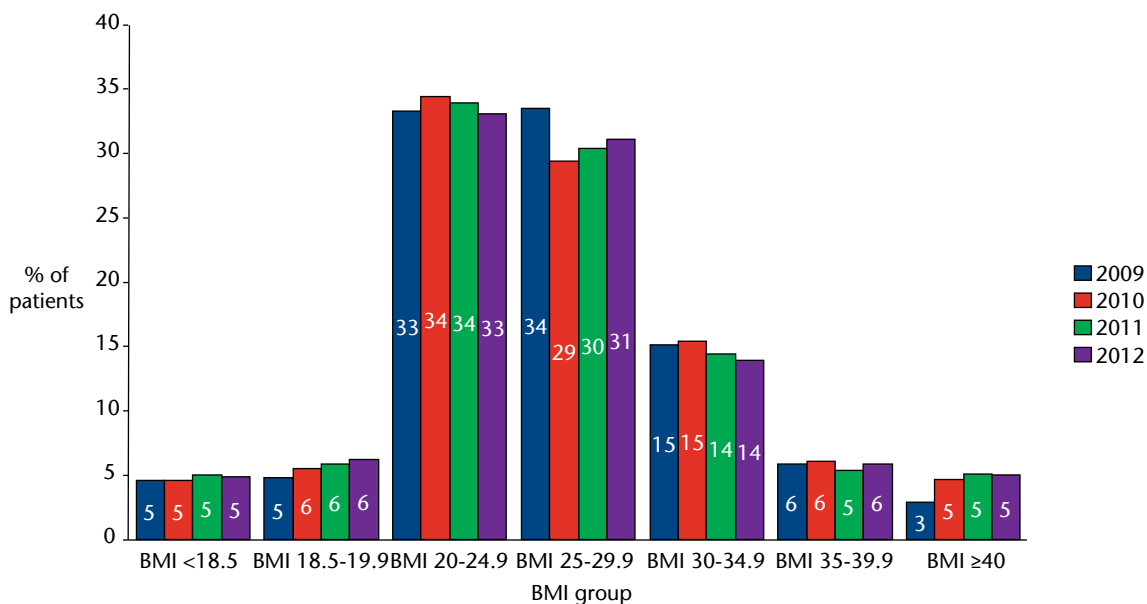
The mean BMI of HD patients in Scotland was 26.9 kg/m² (overweight).

J3 Median BMI (kg/m²) of patients in each primary renal diagnosis group May 2012

Diagnosis group	Number of patients	Median BMI	IQR
Glomerulonephritis	291	25.7	22.4 - 29.9
Interstitial	433	25.2	22.2 - 28.8
Multisystem	284	25.0	22.1 - 29.1
Diabetes	308	28.3	23.9 - 33.2
Unknown	309	25.6	21.8 - 29.0

There are significant differences in BMI between PRD groups (p<0.001 Kruskal-Wallis).

J4 Distribution of HD patients BMI by year 2009 to 2012



Data relating to patients with limb amputations is available for 2011 and 2012 only, prior to this all adult patients on HD with data are included.