Audit of bone biochemistry in patients receiving haemodialysis

Data from census month

November 2017
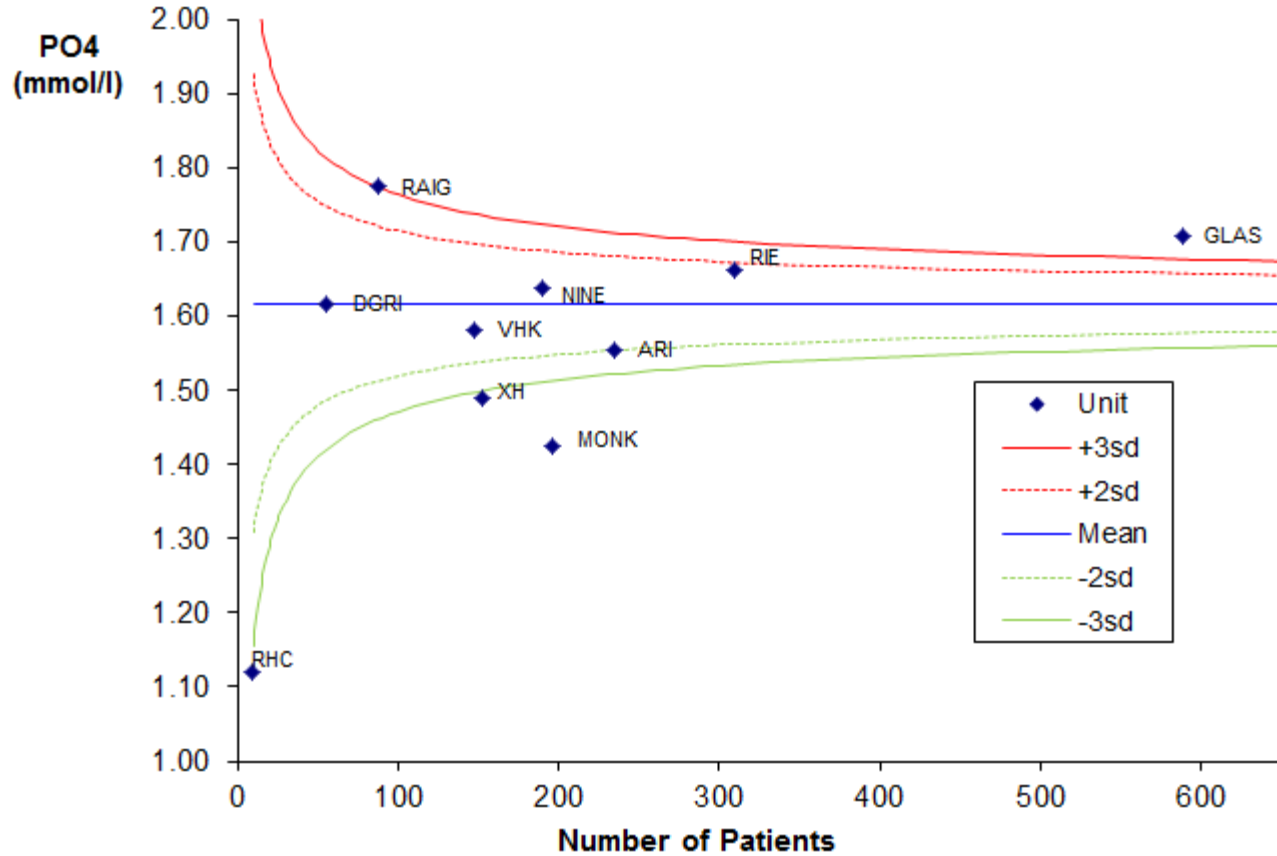
Achievement of guideline targets for phosphate, corrected calcium and PTH in HD patients November 2017

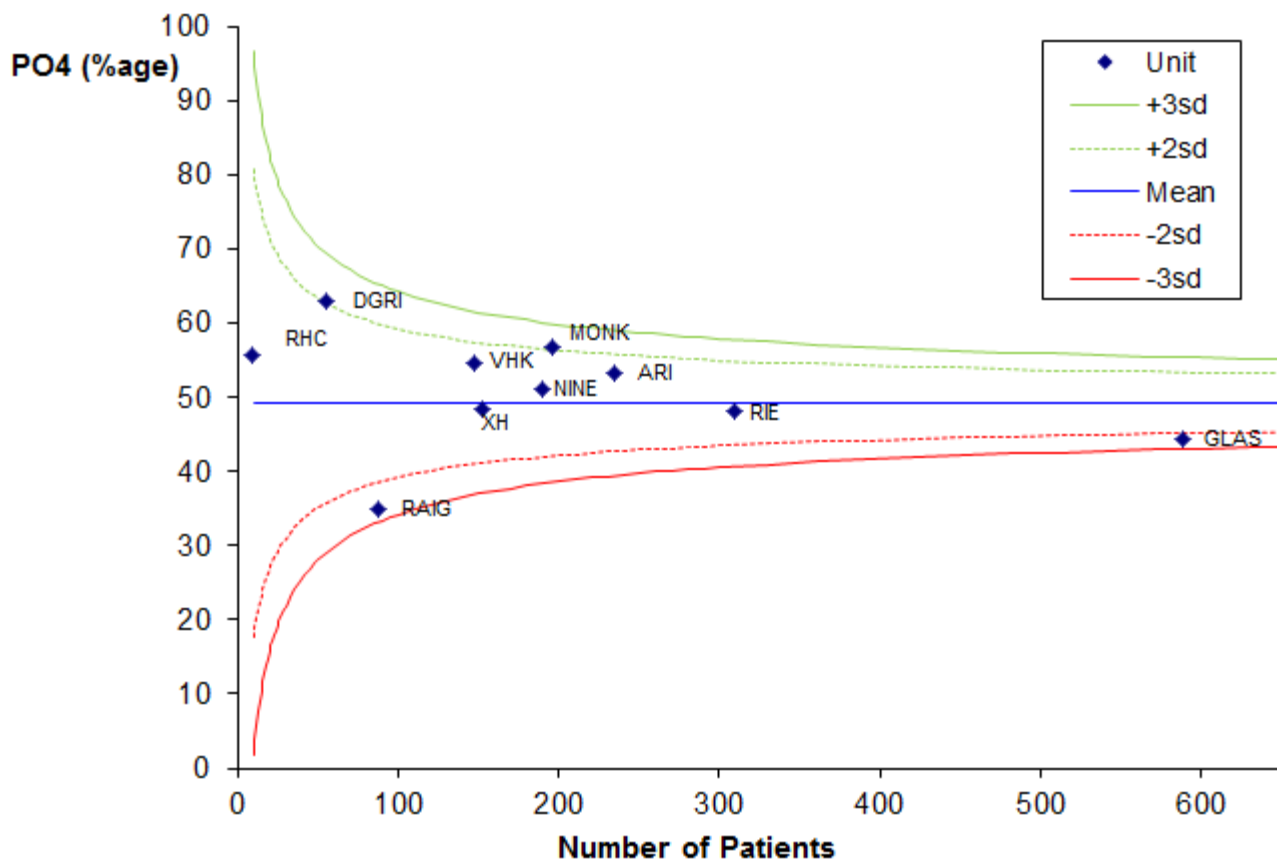| Renal Unit	Number of patients	% with PO4 result	Mean PO4 mmol/L	% with result 1.1-1.7 mmol/L	% with cCa result	% with cCa in normal range	% with PTH result	% PTH result 2-9x UL* normal
ARI	235	98.3	1.55	73.6	98.3	74.9	0.0	-
XH	152	99.3	1.49	78.1	100.0	65.8	83.6	49.6
DGRI	56	96.4	1.62	74.1	98.2	78.2	91.1	68.6
GLAS	588	93.7	1.71	58.6	97.4	87.8	92.7	56.1
MONK	196	96.4	1.42	82.0	96.4	78.8	98.5	57.5
NINE	190	95.8	1.64	63.2	95.8	76.9	82.6	55.4
RAIG	88	90.9	1.77	55.0	90.9	78.8	76.1	56.7
RHC	9	100.0	1.12	100.0	100.0	100.0	100.0	33.3
RIE	309	98.1	1.66	65.0	98.1	83.2	94.2	55.0
VHK	148	98.0	1.58	71.0	98.0	86.2	95.3	55.3
Scotland	1971	96.1	1.62	67.2	97.4	81.1	80.2	55.7

* UL-upper limit of normal

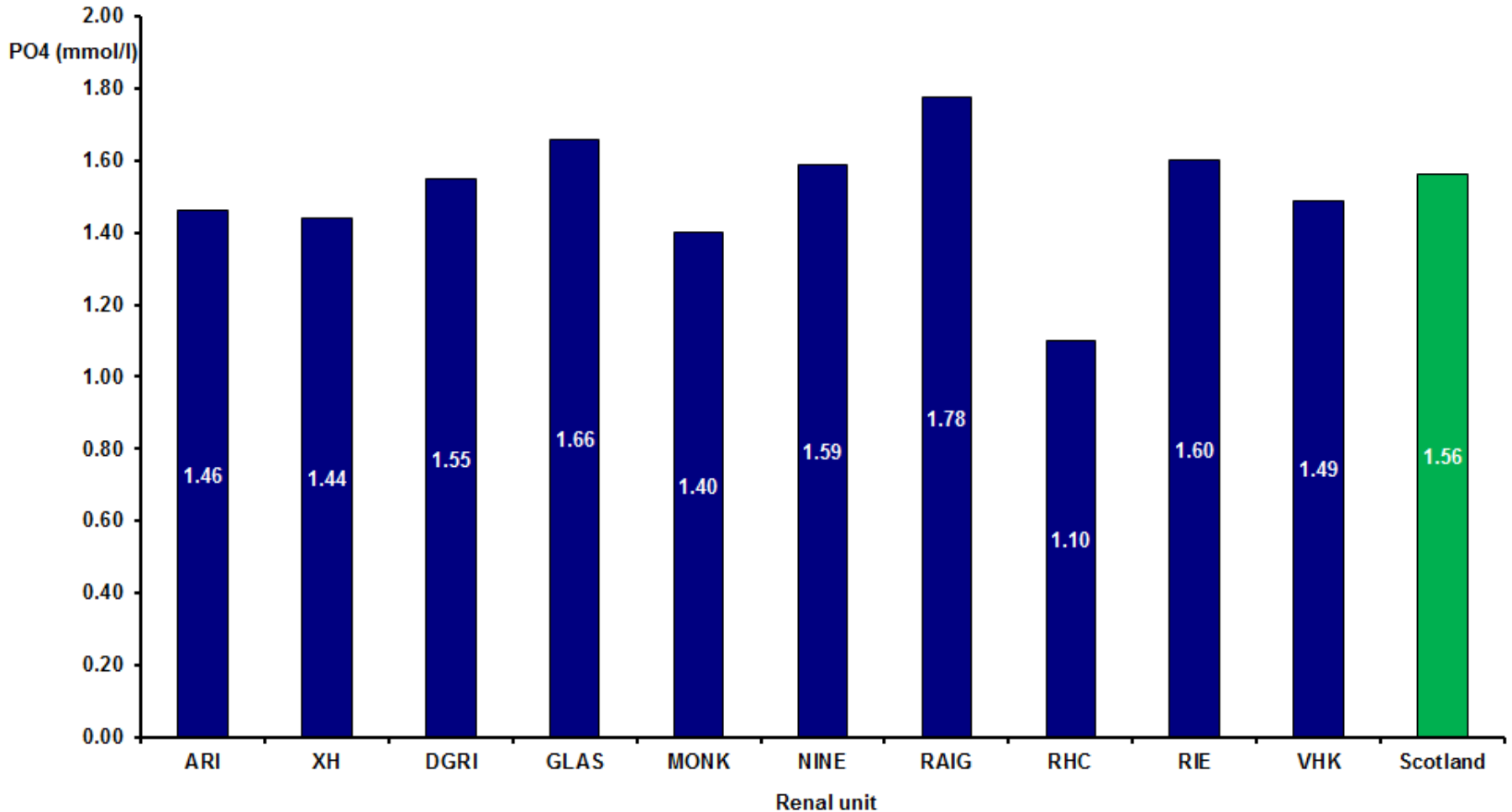# Mean phosphate for HD patients in November 2017 by parent unit

Proportion of HD patients meeting the phosphate target of between 1.1 and 1.7 in November 2017 by parent unit
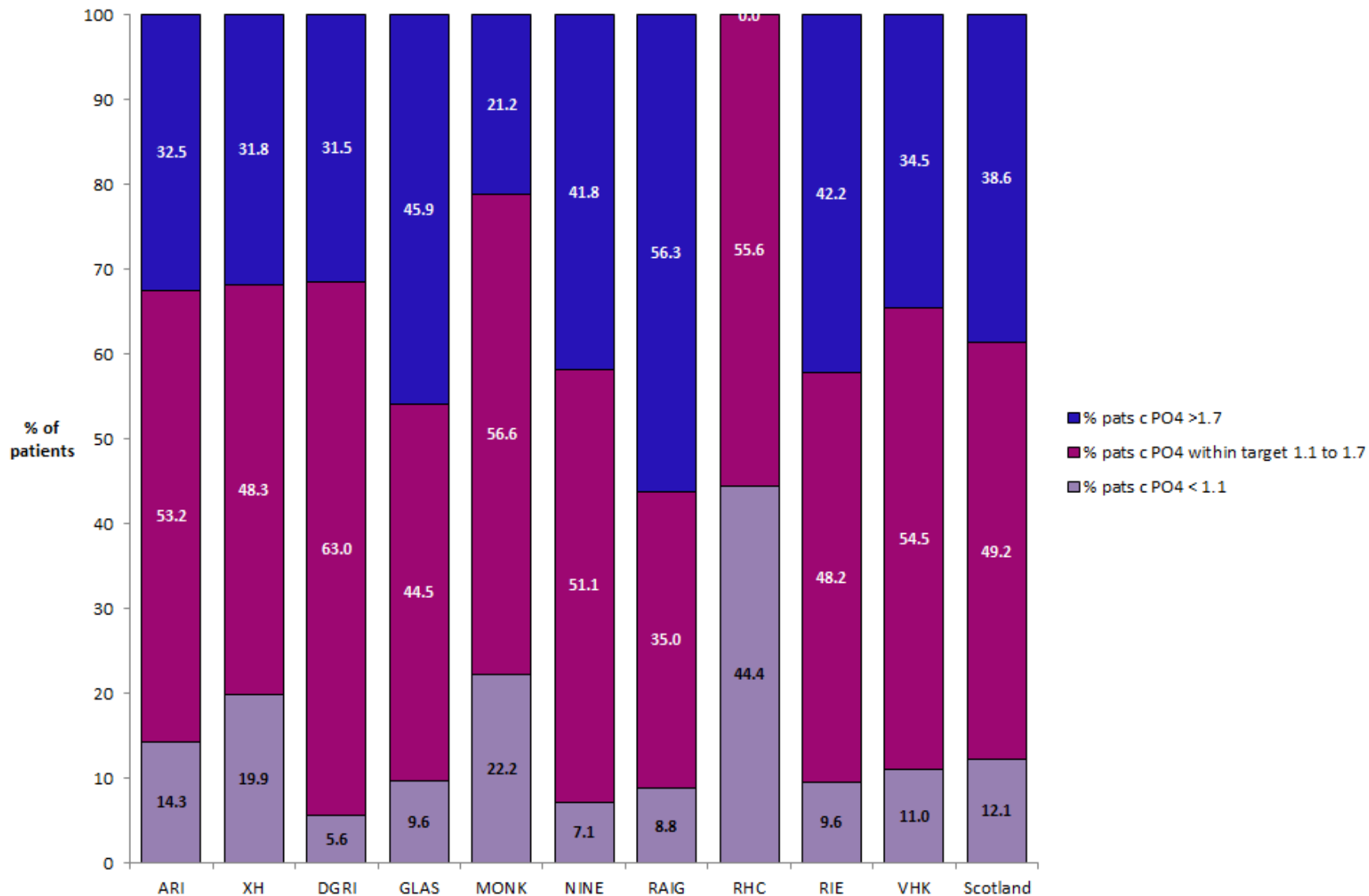
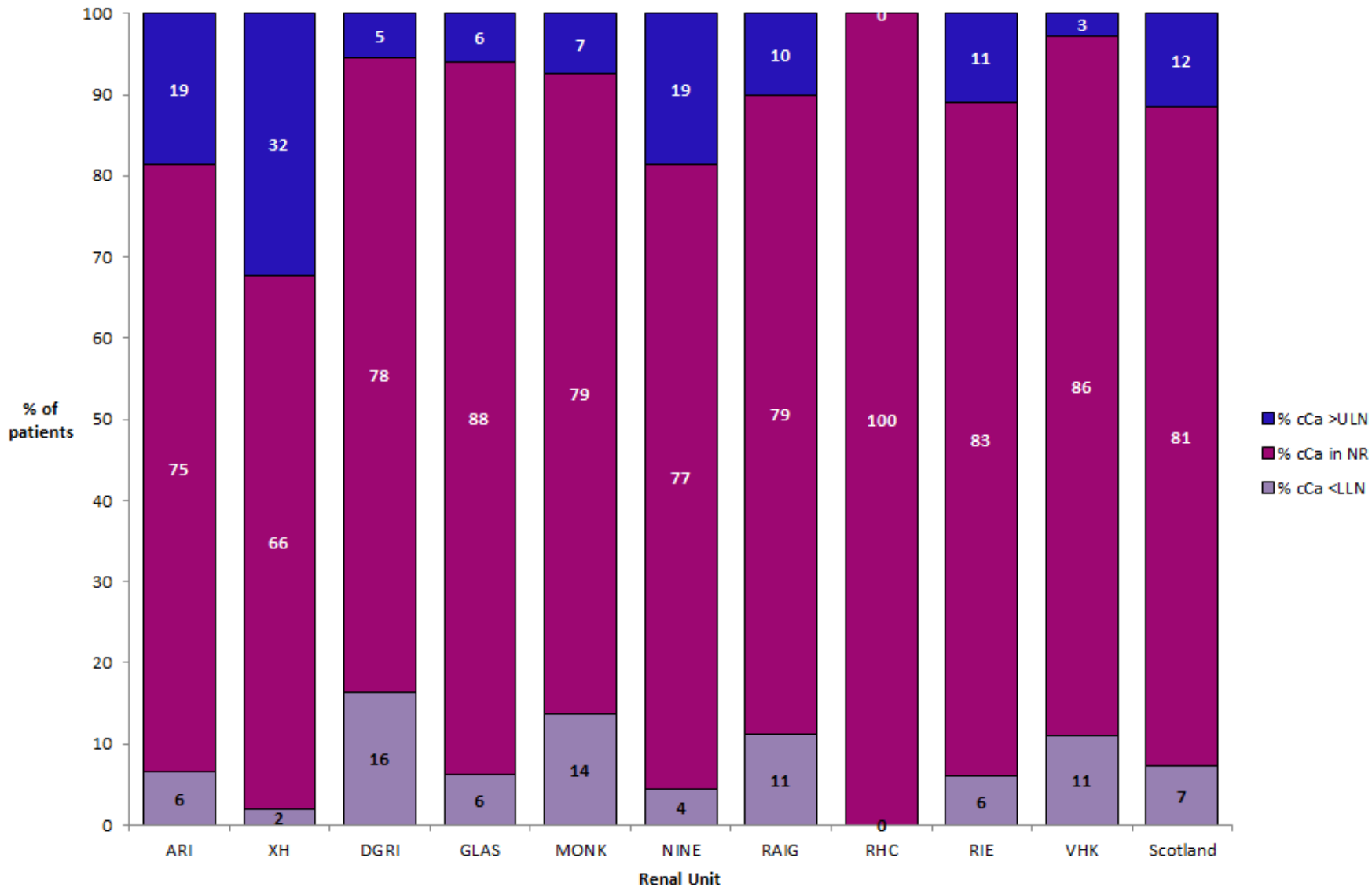# Median phosphate in HD patients in November 2017 by parent unit

Distribution of pre HD phosphate in haemodialysis patients by parent renal unit November 2017

% of patients

Unit	% pats c PO4 < 1.1	% pats c PO4 within target 1.1 to 1.7	% pats c PO4 >1.7
ARI	14.3	53.2	32.5
XH	19.9	48.3	31.8
DGRI	5.6	63.0	31.5
GLAS	9.6	44.5	45.9
MONK	22.2	56.6	21.2
NINE	7.1	51.1	41.8
RAIG	8.8	35.0	56.3
RHC	44.4	55.6	0.0
RIE	9.6	48.2	42.2
VHK	11.0	54.5	34.5
Scotland	12.1	49.2	38.6

Legend:
- % pats c PO4 >1.7
- % pats c PO4 within target 1.1 to 1.7
- % pats c PO4 < 1.1

Distribution of pre HD corrected calcium in haemodialysis patients by parent renal unit November 2017

Distribution of pre HD PTH in haemodialysis patients by parent renal unit November 2017