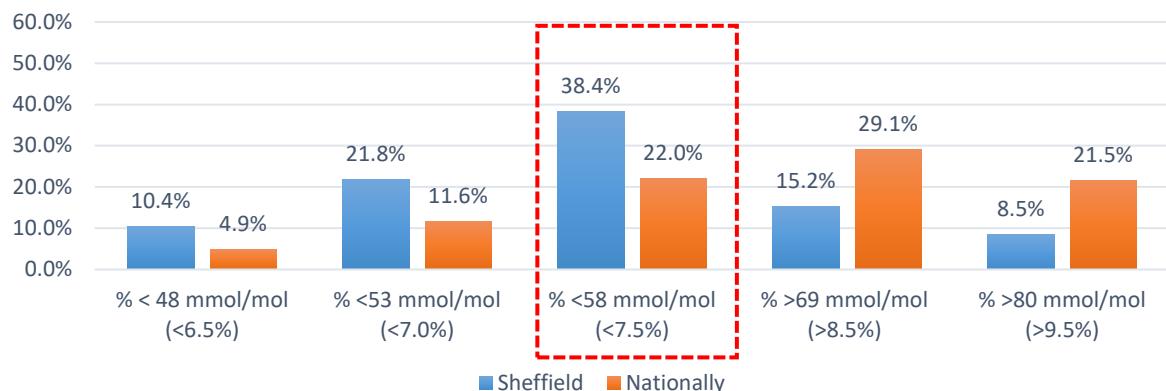


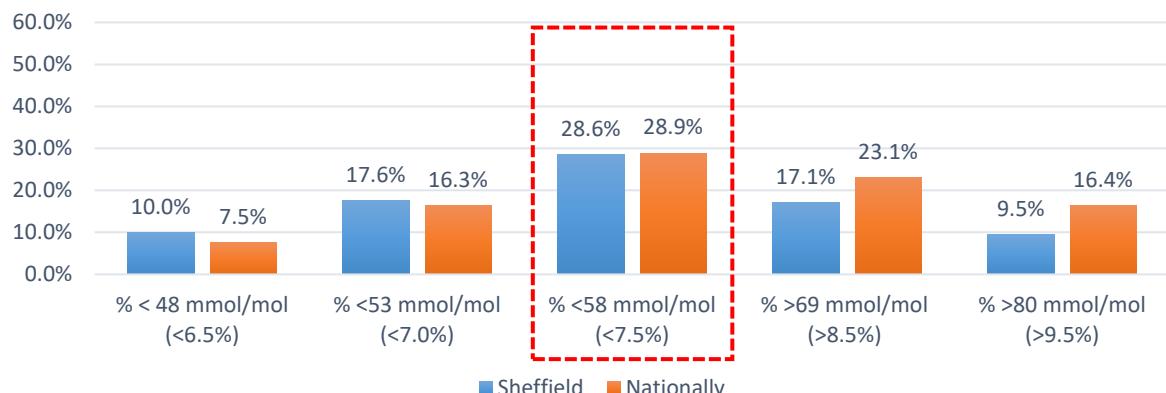
## Supplement 1

Data from 2014/15 NPDA, Data from 2016/17 NPDA and most recent local data (benchmarked against the 2018/19 NPDA data) illustrating the reduction from 38.4% in the proportion achieving an HbA1c <58 mmol/mol in 2014/15 to 28.6% in 2016/17 and subsequent improvement to 50.9% following the QI initiative in Sheffield in 2018/19.

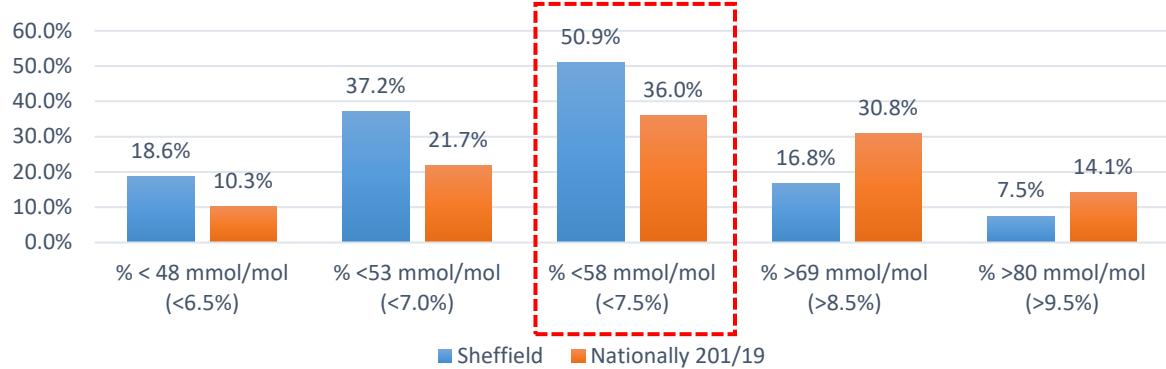
### 2014/2015 NPDA data - Proportion of patients with HbA1C either below or above specific targets



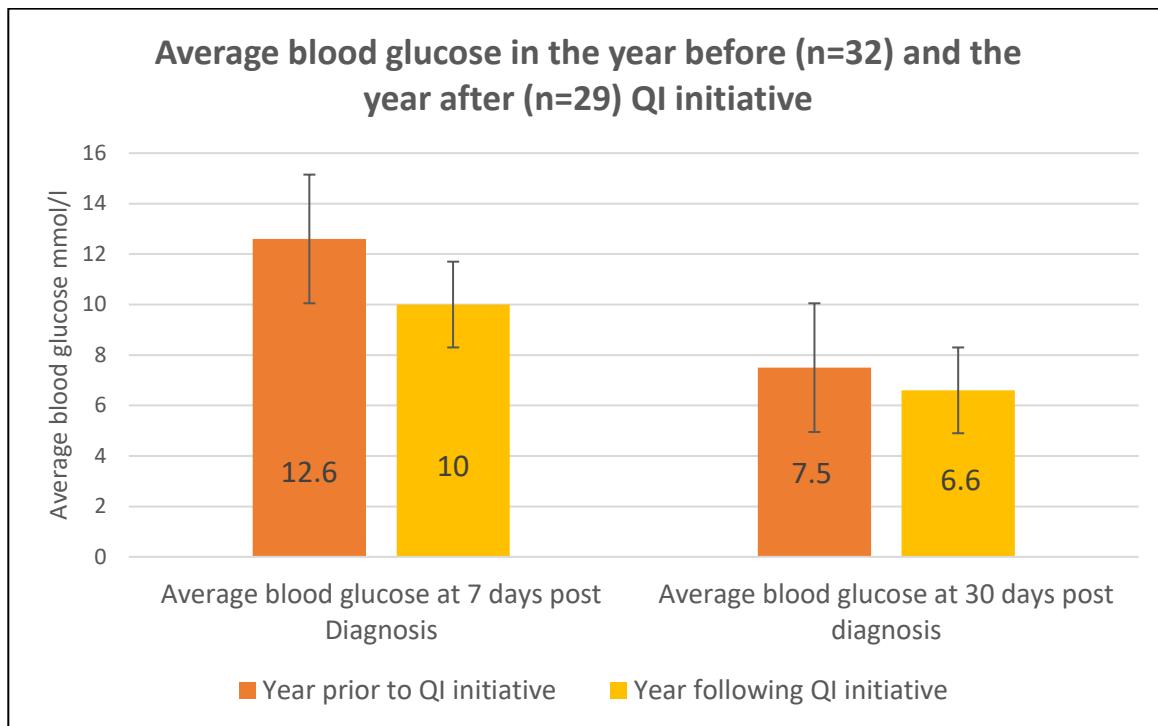
### 2016/2017 - NPDA data - Proportion of patients with HbA1C either below or above specific targets



### 2018/19 NPDA Data - Proportion of patients with HbA1C either below or above specific targets



The average blood glucose at 7 days post diagnosis and at 30 days post diagnosis in children and young people with newly diagnosed type 1 diabetes improved following the QI programme.



The mean HbA1c in patients with newly diagnosed type 1 diabetes also improved at 3 months, 6 months and 12 months following diagnosis after the introduction of our QI programme.

