

## NHS BLOOD AND TRANSPLANT CARDIOTHORACIC ADVISORY GROUP

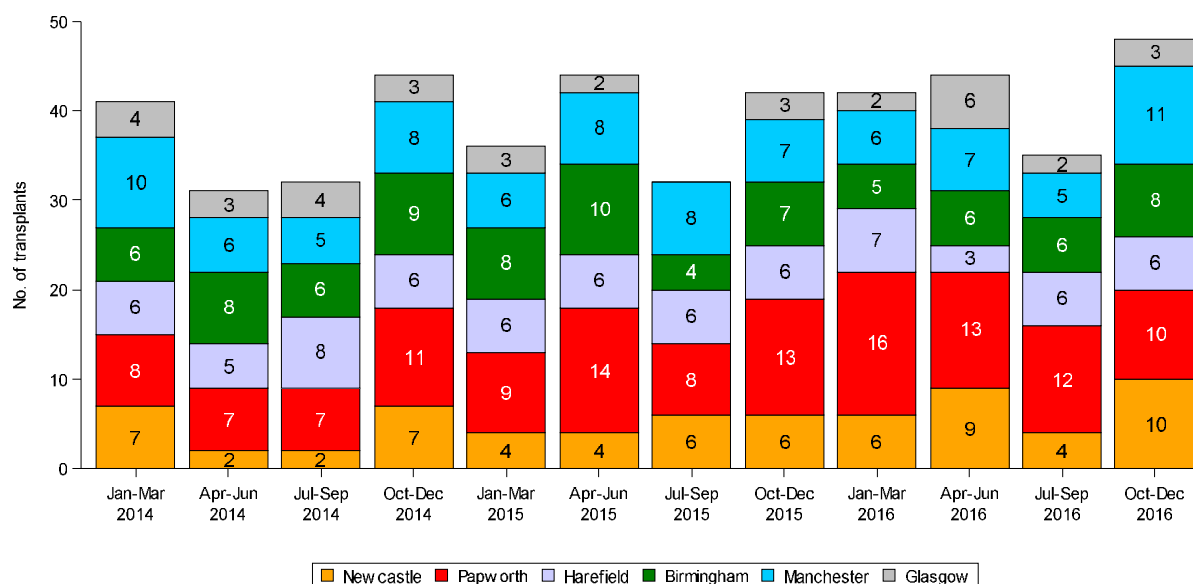
### RECENT DECLINE IN LUNG TRANSPLANT ACTIVITY

#### BACKGROUND

According to the recent statistics, lung transplant activity is relatively low since January 2016. This report shows heart and lung transplant activity separately, between 1 January 2014 to 31 December 2016 by quarter and transplant centre, to evaluate the trends over the last three years.

#### RESULTS

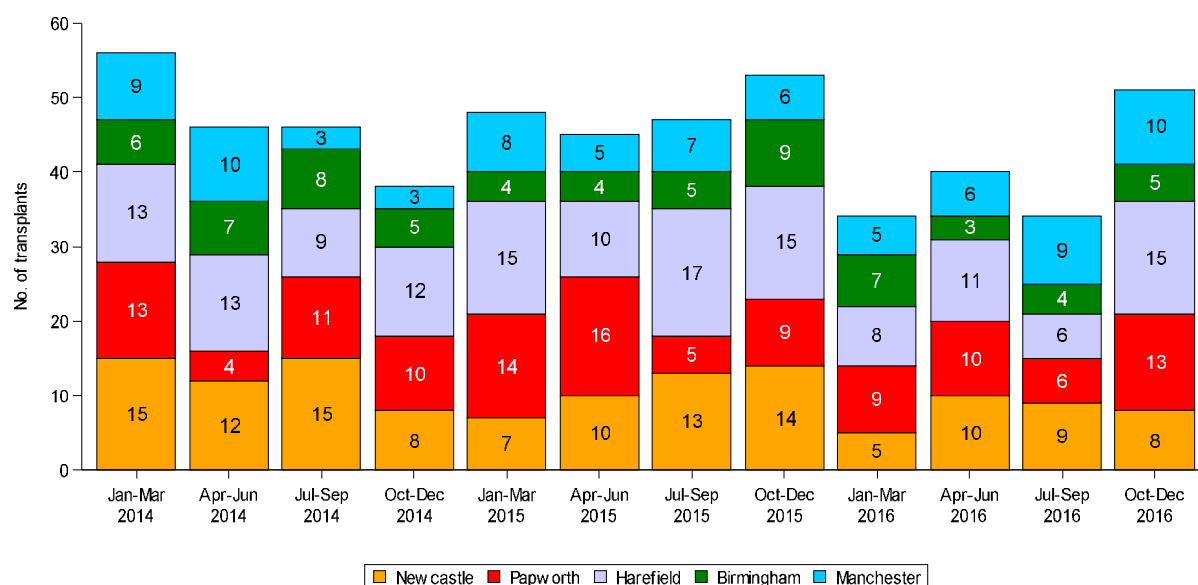
**Figure 1 Adult heart transplant activity, 1 January 2014 to 31 December 2016, by quarter and transplant centre**



**Table 1 Percentage change of heart transplant activity between 2015 and 2016**

Transplant centres	Jan 2015 – Dec 2015	Jan 2016 – Dec 2016	% change
Newcastle	20	29	+45%
Papworth	44	51	+16%
Harefield	24	22	-8%
Birmingham	29	25	-14%
Manchester	29	29	0%
Glasgow	8	13	+63%
<b>Total</b>	<b>154</b>	<b>169</b>	<b>+10%</b>

**Figure 2 Adult lung and heart/lung transplant activity, 1 January 2014 to 31 December 2016, by quarter and transplant centre**



**Table 2 Percentage change of lung transplant activity between 2015 and 2016**

Transplant centres	Jan 2015 – Dec 2015	Jan 2016 – Dec 2016	% change
Newcastle	44	32	-27%
Papworth	44	38	-14%
Harefield	57	40	-30%
Birmingham	22	19	-14%
Manchester	26	30	+15%
<b>Total</b>	<b>193</b>	<b>159</b>	<b>-18%</b>

## CONCLUSIONS

January to September 2016 were particular low months for lung transplant activity, but in the last three months of 2016 activity was up again to normal figures. The centres with the most marked decrease in lung activity in 2016 compared with 2015 were Harefield and Newcastle.

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