



The Economic Impact of Night Flying in the UK



GATCOM

24th August 2021

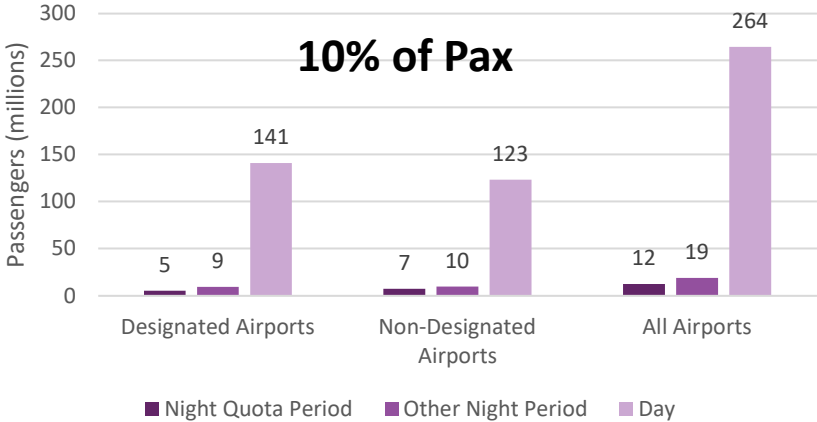
 York Aviation

New Research into the Economic Impact of Night Flying

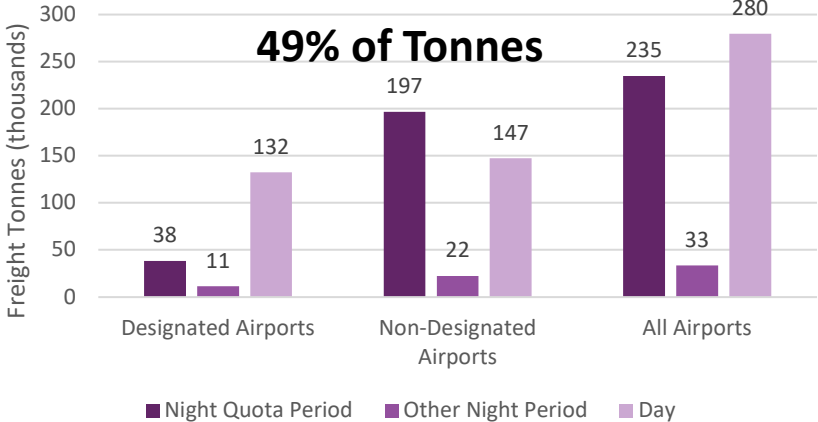
- Commissioned by Airlines UK working with a range of industry stakeholders
- About exploring and articulating one part of the cost / benefit balance
- Intended to improve understanding of a less well understood part of the 'balance'
 - Wider economic impacts
 - 'Knock-on' effects
- Key questions have been:
 - What is going on at night?
 - Why is flying at night needed?
 - Are there alternatives?
 - What is the value of night flying to the economy?
 - What are the potential costs of restricting night flying?
- Work has drawn on data from 11 major airports in the UK, covering 86% of passenger traffic and 96% of cargo tonnage at UK airports, and discussions and data from a range of UK airlines
- Looks at key periods 'Night Period' and 'NQP' (Noise Quota Period)

How Much Flying Happens at Night?

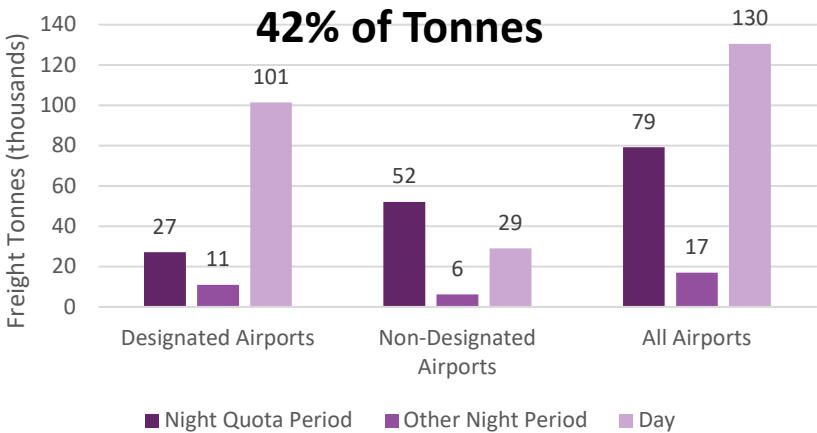
Passenger Traffic



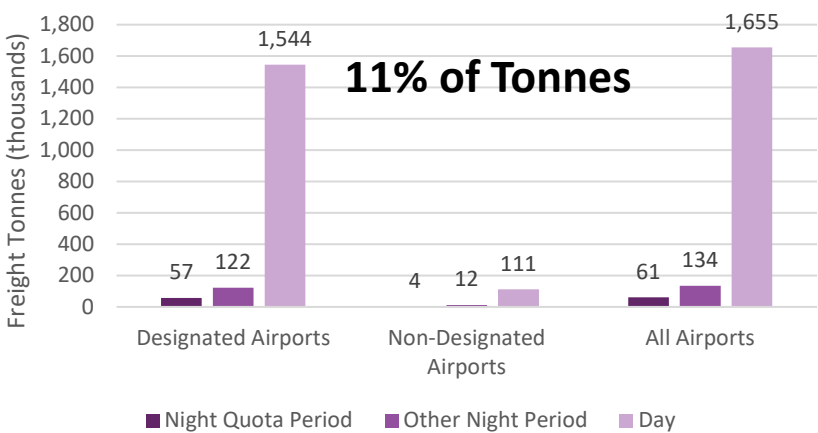
Freight Carried by Integrators



Freight Carried by General Cargo Operators

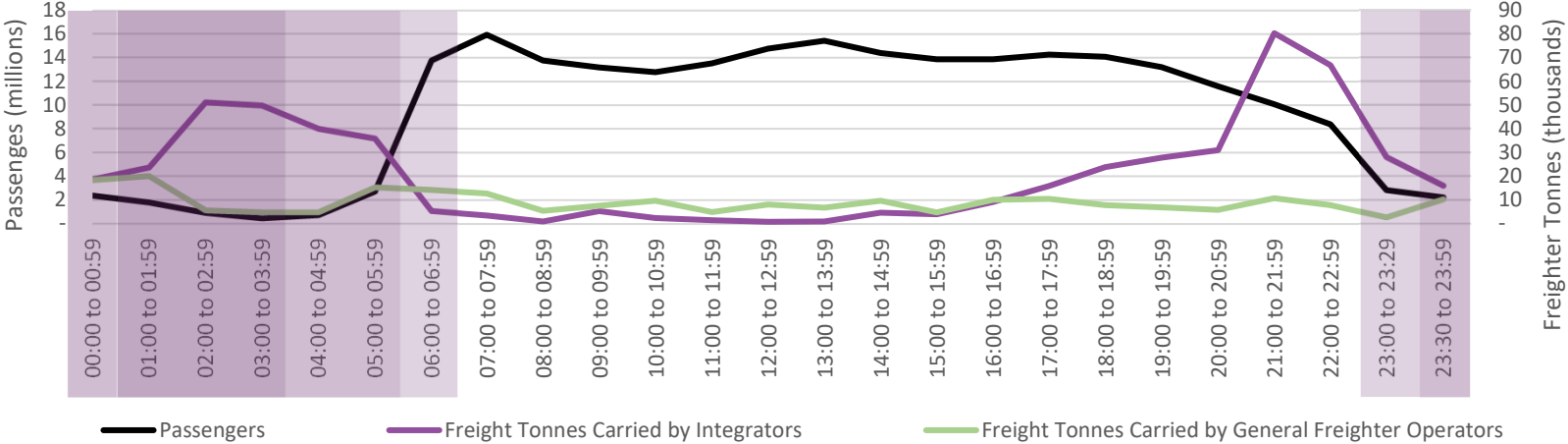


Freight Carried by Passenger Aircraft (Bellyhold)

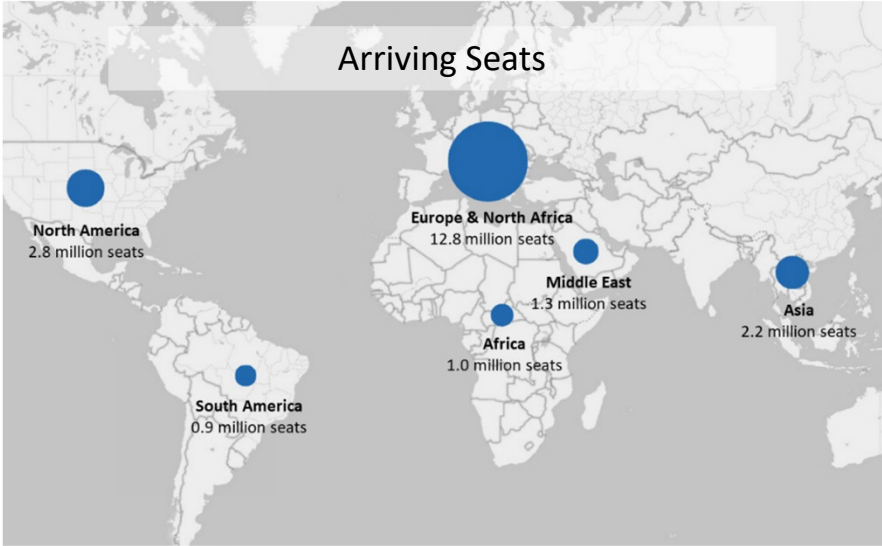


What Happens When?

Passengers and Cargo Tonnage by Hour



Drivers of Night Flights at UK Airports in 2019



- Majority of arriving seats during the night time originates from Europe
- Significant numbers of long haul seats arriving. Influence of Heathrow and, to lesser extent, Gatwick



- Destinations for passengers weighted towards Europe and North Africa
- Some North America activity but long haul is more limited

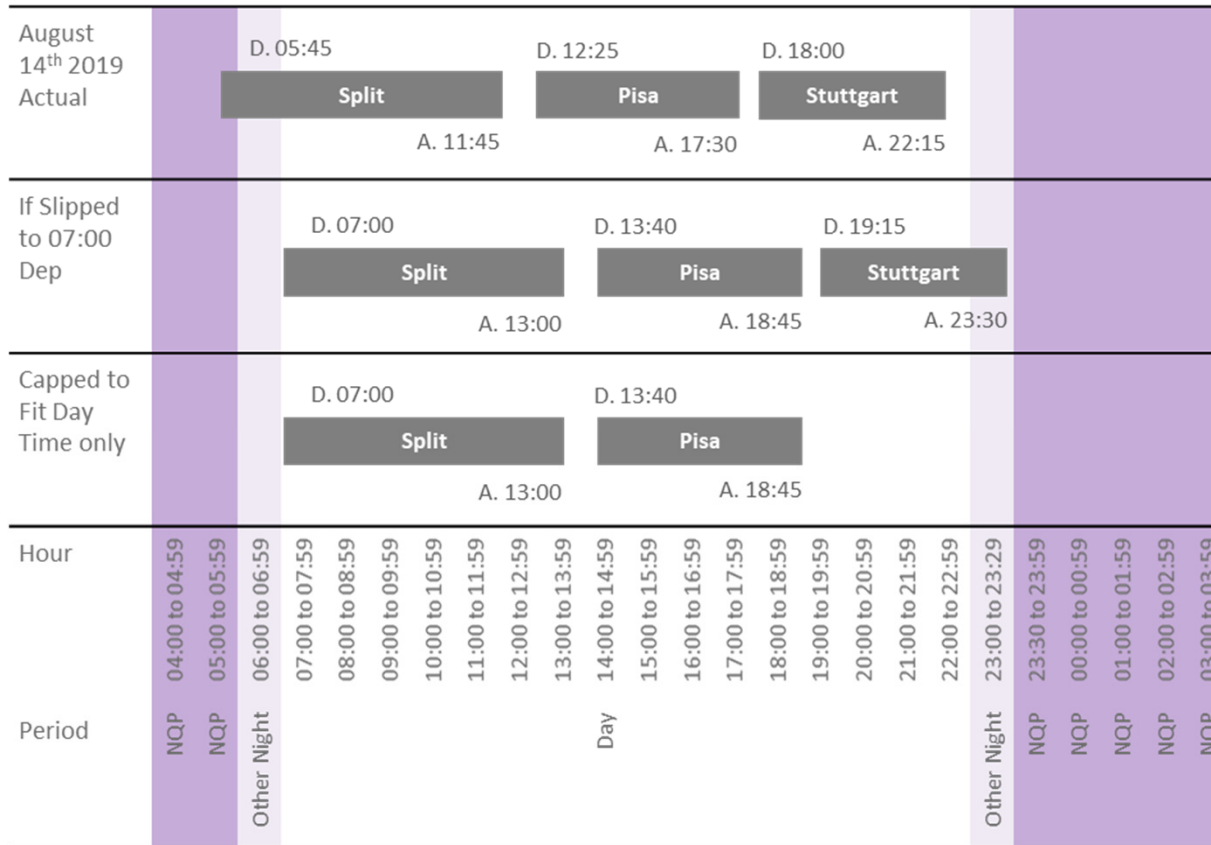
Why do airlines fly at night and why can't they just retime?

	Long Haul Pax	Short Haul Pax
Consumer preferences / requirements	✓	✓
Global Networks – Hub and Spoke	✓	✓
Aircraft Utilisation		✓
Restrictions and Curfews Elsewhere	✓	
Availability of capacity	✓	✓
Competition inc. Hub	✓	✓
Delays / Resilience	✓	✓
Time Zone	✓	✓

What happens if night flying becomes more difficult?



What happens if night flying becomes more difficult?



- Day & night impacts
- Loss of destinations
 - Reduced connectivity
- Loss of efficiency
 - Fixed costs divided by fewer passengers
- Increased fares
- Lost Passengers
- Potential loss of aircraft due to above

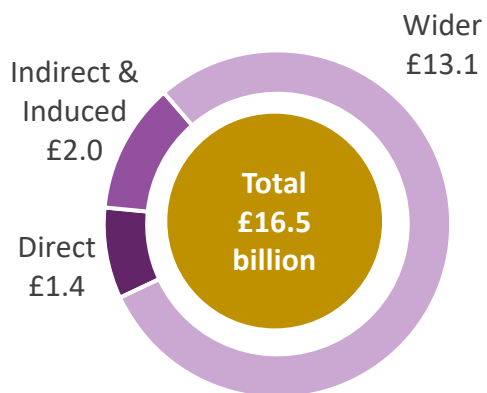
Source: OAG/York Aviation

Why does it matter to the economy?



The Economic Value of Night Flying in the UK in 2019

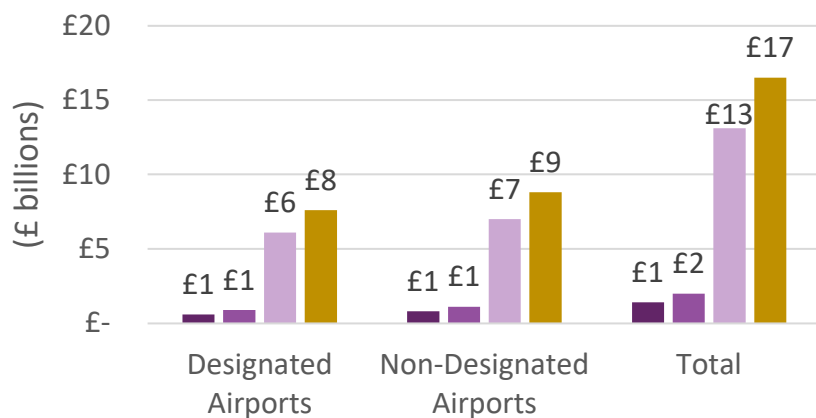
Total GVA Impacts (£ billions)



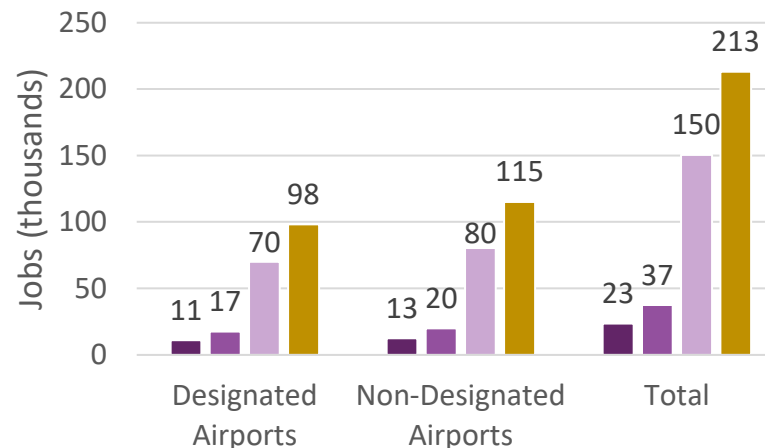
Total Employment Impacts (thousand jobs)



GVA Impacts



Employment Impacts



Key

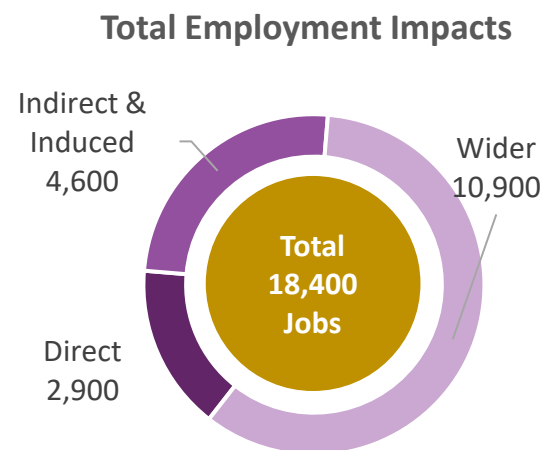
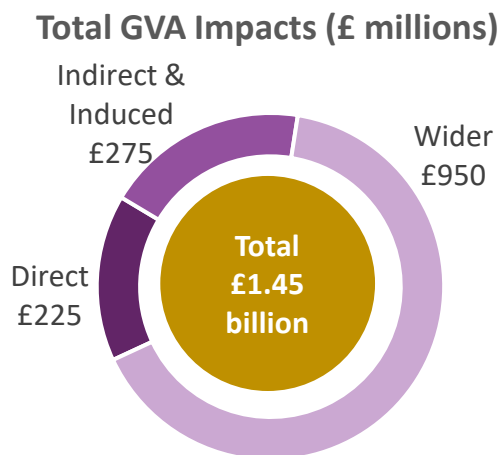
Direct Impacts

Indirect & Induced Impacts

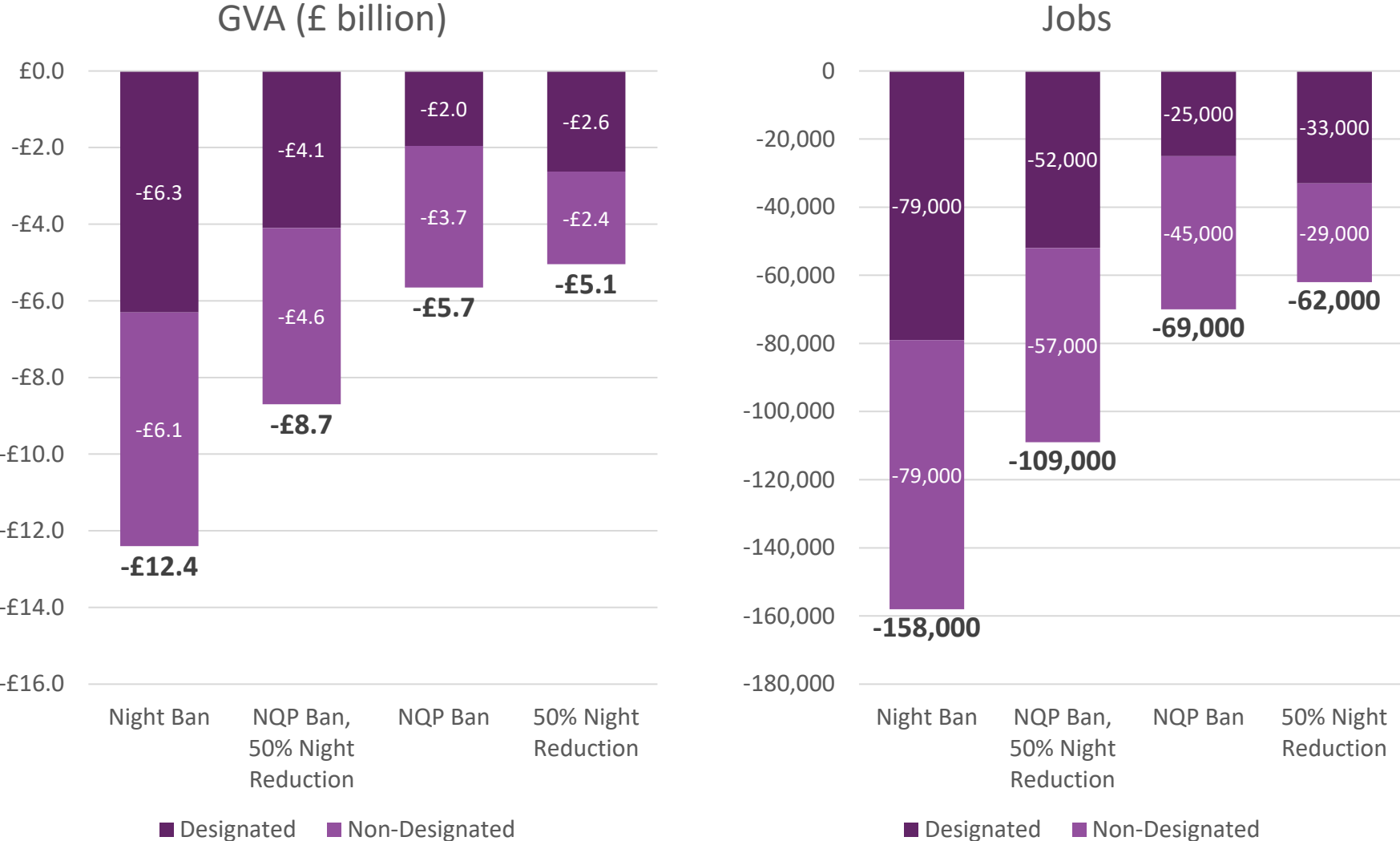
Wider Impacts

Total Impacts

The Economic Value of Night Flying at LGW in 2019

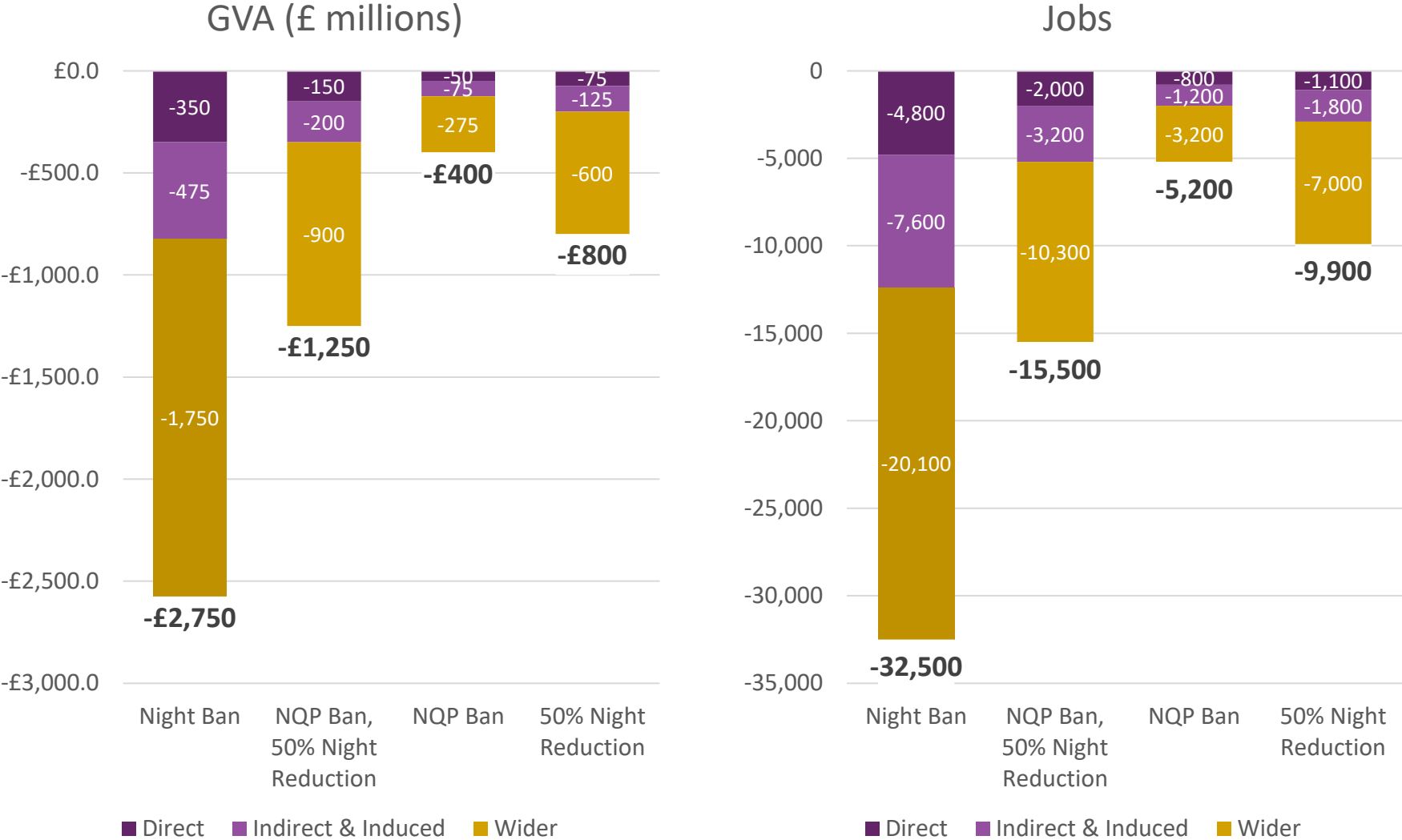


What happens if night flying is further restricted?



Note: Figures may not sum due to rounding

What happens if night flying is further restricted at LGW?



Note: Figures may not sum due to rounding

Key Messages

- Night flying is a significant and important part of the air transport market in the UK
- It is an intrinsic part of airline business models that reflect consumer needs
- Day follows night. They are linked and not isolated
- Night flying is ultimately driven by the needs of users not the industry
- Airlines cannot simply retime. For some it is simply not possible, for others there are significant implications
- The economy derives significant benefit from night flying
- Restricting night flying would have significant economic costs
- The harder the 'squeeze', the bigger the costs

Contact York Aviation at:

Primary House
Spring Gardens
Macclesfield
Cheshire
SK10 2DX
United Kingdom

Telephone No: 01625 614051
Fax No. 01625 426159

yal@yorkaviation.co.uk
www.yorkaviation.co.uk