

CASE STUDY: ADVANCING QUALITY (AQ) HOSPITAL ACQUIRED PNEUMONIA POLICY PROJECT - PHASE 2

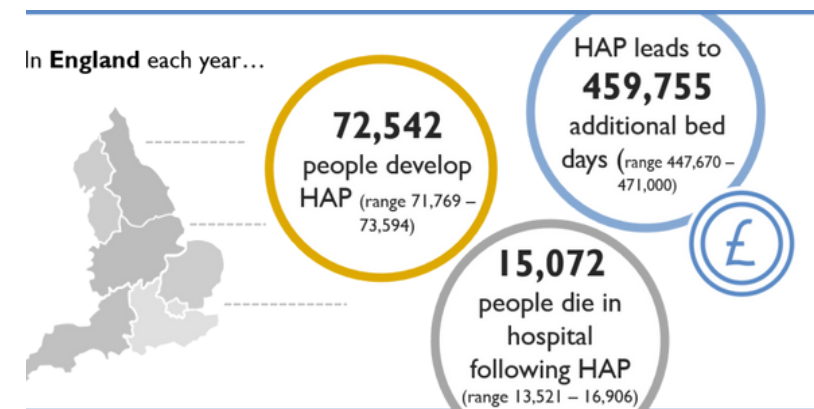
Context: This collaborative project between Liverpool University and Aqua's Advancing Quality (AQ) programme investigates the scale of the national Hospital Acquired Pneumonia (HAP) burden. Eight acute trusts have participated in the AQ HAP programme since October 2020, submitting monthly data on levels of care afforded to HAP patients. The project builds on this successful programme to expand the knowledge base and drive the recognition of HAP as a priority for research and policy.

What We Did: In July 2023, we were successful in gaining funding for a further phase of the work, using national data to describe the incidence risk and mortality associated with HAP in England across a five-year period and identifying any regional variation.

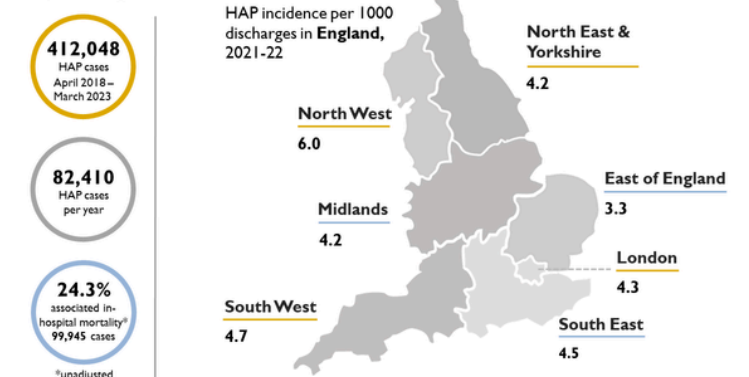
Impact: We found significant variation in HAP incidence and mortality across the different regions in England.

The incidence risk in North West England between April 2021 and March 2022, at 6.0 per 1000 admissions, was 1.8 times higher than in the East of England, at 3.3 per 1000 admissions. There is also variation between trusts, with 30 providers in April 2021 – March 2022 data having an incidence risk in excess of 7 cases per 1000 admissions, compared to a national incidence of 5.2.

Identifying variation in HAP rates at the regional and trust level makes a compelling argument for the continuous surveillance of HAP. Providing this feedback to healthcare providers allows them to redirect resources to infection prevention and control (IPC) to adopt quality improvement measures to reduce their rates.



Key findings



For further details about this piece of work, or to discuss how we can support you, please get in touch:



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