

Healthcare Publications

From the start of 2016 publications are on the web server but not the website. Simply type the name of the article into a web search or in Google Scholar and you will be able to locate a draft version.

All *British Journal of Healthcare Management (BJHCM)* articles can be downloaded using an NHS Athens login on the *BJHCM* website: www.BJHCM.co.uk

Understanding Emergency Admissions & Unscheduled Care (<http://www.hcaf.biz/emergencyadmissions.html>)

- Jones R (1997) Emergency admissions: Admissions of difficulty *Health Service Journal* 107(5546): 28-31
- Jones R (2009) Trends in emergency admissions. *BJHCM* 15(4): 188-196.
- Jones R (2009) Cycles in emergency admissions. *BJHCM* 15(5): 239-246.
- Jones R (2009) Emergency admissions and hospital beds. *BJHCM* 15(6): 289-296.
- Jones R (2009) Emergency admissions and financial risk. *BJHCM* 15(7): 344-350.
- Jones R (2010) Emergency preparedness. *BJHCM* 16(2): 94-95.
- Jones R (2010) Forecasting emergency department attendances. *BJHCM* 16(10): 495-496.
- Jones R (2010) Gender ratio and hospital admissions. *BJHCM* 16(11): 541.
- Jones R (2011) Cycles in gender-related costs for long-term conditions. *BJHCM* 17(3): 124-125.
- Jones R (2012) Gender ratio and cycles in population health costs. *BJHCM* 18(3): 164-165.
- Jones R (2013) Is the demographic shift the real problem? *BJHCM* 19(10): 509-511.
- Jones R (2013) Trends in elderly diagnoses: links with multi-morbidity. *BJHCM* 19(11): 553-558.
- Jones R (2013) The funding dilemma: a lagged cycle in cancer costs. *BJHCM* 19(12): 606-607.
- Jones R (2014) What is happening in unscheduled care? *Journal of Paramedic Practice* 5(2): 60-62.
- Jones R (2014) Forecasting conundrum: a disease time cascade. *BJHCM* 20(2): 90-91.
- Jones R (2014) Unexpected changes in outpatient first attendance. *BJHCM* 20(3): 142-143.
- Jones R (2014) Long-term cycles in admissions for neurological conditions. *BJHCM* 20(4): 192-193.
- Jones R (2014) Untangling the A&E crisis. *BJHCM* 20(5): 246-247.
- Jones R (2014) Trends in admission for allergy. *BJHCM* 20(7): 350-351.
- Jones R (2015) Forecasting medical emergency admissions. *BJHCM* 21(2): 98-99.
- Jones R (2015) Estimating acute costs. *BJHCM* 21(3): 152-153.
- Jones R (2015) Understanding growth in emergency admissions. *BJHCM* 21(4): 195-197
- Jones R (2015) A&E tipping points. *BJHCM* 21(6): 248-249.
- Jones R (2015) Exploring trends in demand for urgent care. *Journal of Paramedic Practice* 7(10): 486-488.
- Jones R (2016) The unprecedented growth in medical admissions in the UK: the ageing population or a possible infectious/immune aetiology? *Epidemiology (Sunnyvale)* 6(1): 1000219 <http://dx.doi.org/10.4172/2161-1165.1000219>
- Jones R (2016) Rising emergency admissions in the UK and the elephant in the room. *Epidemiology (Sunnyvale): Open Access* 6(4): 1000261 [doi: 10.4172/2161-1165.1000261](http://dx.doi.org/10.4172/2161-1165.1000261)
- Jones R (2017) Anticipated ambulance workload during the 2016/17 winter. *Journal of Paramedic Practice* 9(2): 52-54.
- Jones R (2017) Anticipated NHS demand in 2017/18. *Journal of Paramedic Practice* 9(6): 236-237.

Outbreaks of a New Type of Infectious Immune Impairment affecting deaths and medical admissions

- Jones R (2010) Unexpected, periodic and permanent increase in medical inpatient care: man-made or new disease. *Medical Hypotheses* 74: 978-83. [doi: http://dx.doi.org/10.1016/j.mehy.2010.01.011](http://dx.doi.org/10.1016/j.mehy.2010.01.011)
- Jones R (2010) Can time-related patterns in diagnosis for hospital admission help identify common root causes for disease expression. *Medical Hypotheses* 75: 148-154. [doi: http://dx.doi.org/10.1016/j.mehy.2010.02.009](http://dx.doi.org/10.1016/j.mehy.2010.02.009)
- Jones R (2010) The case for recurring outbreaks of a new type of infectious disease across all parts of the United Kingdom. *Medical Hypotheses* 75: 452-457. [doi: http://dx.doi.org/10.1016/j.mehy.2010.04.023](http://dx.doi.org/10.1016/j.mehy.2010.04.023)
- Jones R (2013) Do recurring outbreaks of a type of infectious immune impairment trigger cyclic changes in the gender ratio at birth? *Biomedicine International* 4(1): 26-39.
- Jones R (2013) Widespread outbreaks of a subtle condition leading to hospitalization and death. *Epidemiology: Open access* 4(3): 137. [doi: 10.4172/2161-1165.1000137](http://dx.doi.org/10.4172/2161-1165.1000137)
- Jones R (2014) Unexpected single-year-of-age changes in the elderly mortality rate in 2012 in England and Wales. *British Journal of Medicine and Medical Research* 4(16): 3196-3207. [doi: 10.9734/BJMMR/2014/9072](http://dx.doi.org/10.9734/BJMMR/2014/9072)
- Jones R (2014) Infectious-like Spread of an Agent Leading to Increased Medical Admissions and Deaths in Wigan (England), during 2011 and 2012. *British Journal of Medicine and Medical Research* 4(28): 4723-4741. [doi: 10.9734/BJMMR/2014/10807](http://dx.doi.org/10.9734/BJMMR/2014/10807)
- Jones R, Beauchant S (2015) Spread of a new type of infectious condition across Berkshire in England between June 2011 and March 2013: Effect on medical emergency admissions. *British Journal of Medicine and Medical Research* 6(1): 126-148. [doi: 10.9734/BJMMR/2015/14223](http://dx.doi.org/10.9734/BJMMR/2015/14223)
- Jones R (2015) Unexpected and Disruptive Changes in Admissions Associated with an Infectious-like Event Experienced at a Hospital in Berkshire, England around May of 2012. *British Journal of Medicine and Medical Research* 6(1): 56-76. [doi: 10.9734/BJMMR/2015/13938](http://dx.doi.org/10.9734/BJMMR/2015/13938)
- Jones R (2015) A previously uncharacterized infectious-like event leading to spatial spread of deaths across England and Wales: Characteristics of the most recent event and a time series for past events. *British Journal of Medicine and Medical Research* 5(11): 1361-1380. [doi: 10.9734/BJMMR/2015/14285](http://dx.doi.org/10.9734/BJMMR/2015/14285)
- Jones R (2015) Are emergency admissions contagious? *BJHCM* 21(5): 227-235.
- Jones R (2015) Recurring Outbreaks of an Infection Apparently Targeting Immune Function, and Consequent Unprecedented Growth in Medical Admission and Costs in the United Kingdom: A Review. *British Journal of Medicine and Medical Research* 6(8): 735-770. [doi: 10.9734/BJMMR/2015/14845](http://dx.doi.org/10.9734/BJMMR/2015/14845)

- Jones R (2015) A new type of infectious outbreak? *SMU Medical Journal* 2(1): 19-25. <http://smu.edu.in/content/dam/manipal/smu/documents/Journal%20Issue%203/A%20New%20Type%20of%20Infectious%20Outbreak.pdf>
- Jones R (2015) Small area spread and step-like changes in emergency medical admissions in response to an apparently new type of infectious event. *FGNAMB* 1(2): 42-54. doi: 10.15761/FGNAMB.1000110
- Jones R (2015) Infectious-like spread of an agent leading to increased medical hospital admission in the North East Essex area of the East of England. *FGNAMB* 1(3): 98-111. doi: 10.15761/FGNAMB.1000117
- Jones R (2015) Simulated rectangular wave infectious-like events replicate the diversity of time-profiles observed in real-world running 12 month totals of admissions or deaths. *FGNAMB* 1(3): 78-79. doi: 10.15761/FGNAMB.1000114
- Jones R (2015) A time series of infectious-like events in Australia between 2000 and 2013 leading to extended periods of increased deaths (all-cause mortality) with possible links to increased hospital medical admissions. *International Journal of Epidemiologic Research* 2(2): 53-67. http://ijer.skums.ac.ir/article_12869_2023.html
- Jones R (2016) Deaths in English Lower Super Output Areas (LSOA) show patterns of very large shifts indicative of a novel recurring infectious event. *SMU Medical Journal* 3(2): 23-36.
- Jones R (2016) A presumed infectious event in England and Wales during 2014 and 2015 leading to higher deaths in those with neurological and other disorders. *Journal of Neuroinfectious Diseases* 7(1): 1000213 doi: 10.4172/2314-7326.1000213
- Jones R (2016) Unusual trends in NHS staff sickness absence. *BJHCM* 22(4): 239-240.
- Jones R (2016) A regular series of unexpected and large increases in total deaths (all-cause mortality) for male and female residents of mid super output areas (MSOA) in England and Wales: How high level analysis can miss the contribution from complex small-area spatial spread of a presumed infectious agent. *Fractal Geometry and Nonlinear Analysis in Medicine and Biology* 2(2): 1-13.
- Jones R (2017) Outbreaks of a Presumed Infectious Agent Associated with Changes in Fertility, Stillbirth, Congenital Abnormalities and the Gender Ratio at Birth. *British Journal of Medicine and Medical Research* 20(8): 1-36. doi: 10.9734/BJMMR/2017/32372
- Jones R (2017) Outbreaks of a presumed infectious pathogen creating on/off switching in deaths. *SDRP Journal of Infectious Diseases Treatment and Therapy* 1(1): 1-6. <http://www.openaccessjournals.siftdesk.org/articles/pdf/Outbreaks-of-a-presumed-infectious-pathogen-creating-on-off-switching-in-deaths20170606102727.pdf>
- Jones R (2017) Year-to-year variation in deaths in English Output Areas (OA), and the interaction between a presumed infectious agent and influenza in 2015. *SMU Medical Journal* 4(2): in press
- Jones R (2017) Immune switching and the gender ratio at birth. *Int J Fertil Steril* 10: in press.
- Jones R (2017) Role of social group and gender in outbreaks of a novel agent leading to increased deaths, with insights into higher international deaths in 2015. *Fractal Geometry and Nonlinear Analysis in Medicine and Biology* 3(1): in press.

The Link Between Deaths (all-cause mortality) and Medical Emergency Admissions

- Jones R (2011) Does hospital bed demand depend more on death than demography? *BJHCM* 17(5): 190-197.
- Jones R (2011) Bed days per death: a new performance measure. *BJHCM* 17(5): 213
- Jones R (2011) Bed occupancy – the impact on hospital planning. *BJHCM* 17(7): 307-313
- Jones R (2011) Factors influencing demand for hospital beds in English Primary Care Organisations. *BJHCM* 17(8): 360-367.
- Jones R (2012) Diagnoses, deaths and infectious outbreaks. *BJHCM* 18(10): 539-548.
- Jones R (2013) A recurring series of infectious-like events leading to excess deaths, emergency department attendances and medical admissions in Scotland. *Biomedicine International* 4(2): 72-86.
- Jones R (2013) An unexplained increase in deaths during 2012. *BJHCM* 19(5): 248-253.
- Jones R (2013) Analysing excess winter mortality: 2012/13. *BJHCM* 19(12): 601-605.
- Jones R (2014) Increased deaths in 2012: which conditions? *BJHCM* 20(1): 45-47.
- Jones R (2014) Trends in death and end-of-life costs in the UK. *BJHCM* 20(6): 298-299.
- Jones R (2015) A previously uncharacterized infectious-like event leading to spatial spread of deaths across England and Wales: Characteristics of the most recent event and a time series for past events. *British Journal of Medicine and Medical Research* 5(11): 1361-1380. doi: 10.9734/BJMMR/2015/14285
- Jones R (2015) Unexplained infectious events leading to deaths and medical admissions in Belfast. *BJHCM* 21(1): 46-47.
- Jones R (2015) Deaths and international health care expenditure. *BJHCM* 21(10): 491-493.
- Jones R (2015) Unexpected Increase in Deaths from Alzheimer's, Dementia and Other Neurological Disorders in England and Wales during 2012 and 2013. *Journal of Neuroinfectious Diseases* 6:172. doi: 10.4172/2314-7326.1000172
- Jones R (2015) Influenza-like-illness, deaths and health care costs. *BJHCM* 21(12): 587-589.
- Jones R (2015) Simulated rectangular wave infectious-like events replicate the diversity of time-profiles observed in real-world running 12 month totals of admissions or deaths. *FGNAMB* 1(3): 78-79. doi: 10.15761/FGNAMB.1000114
- Jones R (2016) The real reason for the huge NHS overspend? *BJHCM* 22(1): 40-42.
- Jones R (2016) A fatal flaw in mortality-based disease surveillance. *BJHCM* 22(3): 143-145.
- Jones R (2016) Rising emergency admissions in the UK and the elephant in the room. *Epidemiology (Sunnyvale): Open Access* 6(4): 1000261 doi: 10.4172/2161-1165.1000261
- Jones R (2016) Deaths and the marginal changes in healthcare costs *BJHCM* 22(10): 503-509.
- Jones R (2016) Trend in proportion of deaths occurring in hospital. *BJHCM* 22(11): 572-573.
- Jones R (2017) In-hospital deaths, all-cause mortality and medical admissions. *BJHCM* 23(5): 239-240.
- Jones R (2017) Essays on rising mortality in England and Wales – a MEDLINE search is not infallible. *J Roy Soc Med (JRSM)* 110(6):224 doi: 10.1177/0141076817703864
- Jones R (2017) What the ONS 'forgot' to mention about deaths. *BJHCM* 23: in press
- Jones R (2017) Did austerity cause the rise in deaths in 2015? *In preparation*

Cytomegalovirus (CMV) and Human Disease

- Jones R (2011) CMV and health care costs. *BJHCM* 17(4): 168-169.
- Jones R (2013) Could cytomegalovirus be causing widespread outbreaks of chronic poor health? In *Hypotheses in Clinical Medicine*, pp 37-79, Eds M. Shoja, et al. New York: Nova Science Publishers Inc. Available from: http://www.hcaf.biz/2013/CMV_Read.pdf

- Jones R (2014) A Study of an Unexplained and Large Increase in Respiratory Deaths in England and Wales: Is the Pattern of Diagnoses Consistent with the Potential Involvement of Cytomegalovirus? *British Journal of Medicine and Medical Research* 4(33): 5179-5192. doi : 10.9734/BJMMR/2014/11382
- Jones R, Goldeck D (2014) Unexpected and unexplained increase in death due to neurological disorders in 2012 in England and Wales: Is cytomegalovirus implicated? *Medical Hypotheses* 83(1): 25-31. <http://dx.doi.org/10.1016/j.mehy.2014.04.016>
- Jones R (2014) Trends in emergency admissions per death. *BJHCM* 20(9): 446-447.
- Jones R (2015) Roles for cytomegalovirus in infection, inflammation and autoimmunity. In *Infection and Autoimmunity*, 2nd Edition, Eds: N Rose, et al. Elsevier: Amsterdam. Chapter 18, pp 319-357. doi:10.1016/B978-0-444-63269-2.00068-4
- Jones R (2015) An unexpected increase in adult appendicitis in England (2000/01 to 2012/13): Could cytomegalovirus (CMV) be a risk factor? *British Journal of Medicine and Medical Research* 5(5): 579-603. doi: 10.9734/BJMMR/2015/13302
- Jones R (2016) Is cytomegalovirus involved in recurring periods of higher than expected death and medical admissions, occurring as clustered outbreaks in the northern and southern hemispheres? *British Journal of Medicine and Medical Research* 11(2): 1-31. doi: 10.9734/BJMMR/2016/20062
- Jones R (2017) International outbreaks of a novel type of infectious immune impairment: A call to action. *Achievements in Biology and Medicine* 1(1): in press

Understanding Hospital Mortality

- Jones R (2015) A 'fatal' flaw in hospital mortality models: How spatiotemporal variation in all-cause mortality invalidates hidden assumptions in the models. *FGNAMB* 1(3): 82-96. doi: 10.15761/FGNAMB.1000116
- Jones R (2015) Links between bed occupancy, deaths and costs. *BJHCM* 21(11): 544-545.
- Jones R (2016) Hospital bed occupancy and deaths (all-cause mortality) in 2015. *BJHCM* 22(5): 283-285.
- Jones R (2016) Clear the decks of Summary Hospital-level Mortality Indicator. *BJHCM* 22(6): 335-338.
- Jones R (2016) Bed occupancy and hospital mortality. *BJHCM* 22(7): 380-381.
- Jones R (2016) Hospital deaths and length of stay. *BJHCM* 22(8): 424-425.
- Jones R (2016) Hospital mortality rates and changes in activity. *BJHCM* 22(10): 519-521.
- Jones R, Sleet G, Pearce O, Wetherill M (2016) Complex changes in blood biochemistry revealed by a composite score derived from Principal Component Analysis: Effects of age, patient acuity, end of life, day-of-week, and potential insights into the issues surrounding the 'Weekend' effect in hospital mortality. *British Journal of Medicine and Medical Research* 18(5): 1-28. doi: 10.9734/BJMMR/2016/29355
- Jones R (2016) Trends in proportion of deaths occurring in hospital. *BJHCM* 22 (11): 572-573.
- Jones R (2016) Trends in crude death rates in English hospitals. *BJHCM* 22 (12): 616-617.
- Jones R (2017) Is the 'weekend' mortality effect real? *BJHCM* 23 (1): 39-41.
- Jones R (2016) Trend in proportion of deaths occurring in hospital. *BJHCM* 22(11): 572-573.
- Jones R (2017) In-hospital deaths, all-cause mortality and medical admissions. *BJHCM* 23(5): 239-240.

Forecasting & Understanding Demand (<http://www.hcaf.biz/forecastingdemand.html>)

- Jones R (1996) Estimation of annual activity and the use of activity multipliers. *Health Informatics* 2, 71-77.
- Jones R (1996) How many patients next year? Healthcare Analysis & Forecasting, Camberley, UK.
- Beauchant S, Jones R (1997) Socio-economic and demographic factors in patient non-attendance. *BJHCM* 3(10): 523-528.
- Jones R (2000) Outpatient appointments: Feeling a bit peaky. *Health Service Journal* 110(5732): 28-31.
- Jones R (2001) Outpatient Appointments: A pretty little sum. *Health Service Journal* 111(5740): 28-31.
- Jones R (2001) Outpatient waiting times: Quick, quick, slow. *Health Service Journal* 111(5778): 20-23.
- Jones R (2010) Forecasting year-end activity. *BJHCM* 16(7): 350-351.
- Jones R (2010) Forecasting demand. *BJHCM* 16(8): 392-393.
- Jones R (2010) Forecasting emergency department attendances. *BJHCM* 16(10): 495-496.
- Jones R (2011) Death and future healthcare expenditure. *BJHCM* 17(9): 436-437.
- Jones R (2012) Weathering the storm: Birth forecasting in turbulent times. *Midwives Magazine* 15(2) <http://www.rcm.org.uk/midwives/features/weathering-the-storm/>
- Jones R (2012) Ambulance call-outs and disruptive technology. *BJHCM* 18(2): 112-113.
- Jones R (2012) Are there cycles in outpatient costs. *BJHCM* 18(5): 276-277.
- Jones R (2012) Increasing GP referrals: collective jump or infectious push? *BJHCM* 18(9): 487-495.
- Jones R (2012) Age-related changes in A&E attendance. *BJHCM* 18(9): 502-503.
- Jones R (2012) GP referral to dermatology: which conditions? *BJHCM* 18(11): 594-596.
- Jones R (2012) Trends in outpatient follow-up rates, England 1987/88 to 2010/11. *BJHCM* 18(12): 647-655.
- Jones R (2013) Trends in unscheduled care. *BJHCM* 19(6): 301-304.
- Jones R (2013) Hidden complexity in A&E trends in England. *BJHCM* 19(7): 354-355.
- Jones R (2013) A&E attendance: the tip of a wider trend. *BJHCM* 19(9): 458-459.
- Jones R (2014) Unexpected changes in outpatient first attendance. *BJHCM* 20(3): 142-143.
- Jones R (2014) Expected trends in births and deaths to 2037. *BJHCM* 20(8): 402-403.
- Jones R (2015) Unexplained infectious events leading to deaths and medical admissions. *BJHCM* 21(1): 46-47.
- Jones R (2015) Forecasting medical emergency admissions. *BJHCM* 21(2): 98-99.
- Jones R (2015) Estimating acute costs. *BJHCM* 21(3): 152-153.
- Jones R (2015) Understanding growth in emergency admissions. *BJHCM* 21(4): 195-197.
- Jones R (2015) A&E admissions: where next? *BJHCM* 21(6): 292.
- Jones R (2015) Trends in demand for urgent care. *Journal of Paramedic Practice* 7(10): 486-488.
- Jones R (2016) Recent trends in outpatient follow-up rates. *BJHCM* 22(2): 92-94.
- Beeknoo N, Jones R (2016) Factors influencing A&E attendance, admissions and waiting times at two London hospitals. *British Journal of Medicine and Medical Research* 17(10): 1-29. doi : 10.9734/BJMMR/2016/28783
- Beeknoo N, Jones R (2016) Using Social Groups to Locate Areas with High Emergency Department Attendance, Subsequent Inpatient Admission and Need for Critical Care. *British Journal of Medicine and Medical Research* 18(6): 1-23. doi: 10.9734/BJMMR/2016/29208
- Beeknoo N, Jones R (2016) Using social groups to locate areas of high utilization of critical care. *BJHCM* 22(11): 551-560.

Beeknoo N, Jones R (2017) The demography myth - how demographic forecasting vastly underestimates hospital admissions, and creates the illusion that fewer hospital beds or community-based bed equivalents will be required in the future.

British Journal of Medicine and Medical Research 19(2): 1-27. doi: [10.9734/BJMMR/2017/29984](https://doi.org/10.9734/BJMMR/2017/29984)

Beeknoo N, Jones R (2017) Information asymmetry in financial forecasting within healthcare and simple methods to overcome this deficiency. *British Journal of Medicine and Medical Research* 20(4): 1-12. doi: [10.9734/BJMMR/2017/31474](https://doi.org/10.9734/BJMMR/2017/31474)

Jones R (2017) What is driving growth in the English NHS? *BJHCM* 23(3): 134-137.

Beeknoo N, Jones R (2017) Forecasting emergency admissions for capacity and financial planning. *Health Care Management Science* (submitted)

Understanding Hospital Bed Planning & Occupancy <http://www.hcaf.biz/hospitalbeds.html> also <http://www.hcaf.biz/Hospitalefficiency.html>

Jones R (1997) Emergency admissions: Admissions of difficulty *Health Service Journal* 107(5546): 28-31.

Jones R (2001) Bed occupancy: Don't take it lying down. *Health Service Journal* 111(5752): 28-31.

Jones R (2001) New approaches to bed utilisation – making queuing theory practical. Presented at 'New Techniques for Health and Social Care'. Harrogate Management Centre Conference 27th Sep, 2001. http://www.hcaf.biz/Hospital%20Beds/New_Approaches_Bed_Utilisation.pdf

Jones R (2003) Bed management - Tools to aid the correct allocation of hospital beds. Presented at 'Re-thinking bed management – Opportunities and challenges'. Harrogate Management Centre Conference, 27th January, 2003.

<http://www.hcaf.biz/Hospital%20Beds/Microsoft%20Word%20-%20Bed%20planning%20HMC.pdf>

Jones R (2009) Emergency admissions and hospital beds. *BJHCM* 15(6): 289-296.

Jones R (2009) Building smaller hospitals. *BJHCM* 15(10): 511-512.

Jones R (2009) Length of stay efficiency. *BJHCM* 15(11): 563-564.

Jones R (2009) Crafting efficient bed pools. *BJHCM* 15(12): 614-616.

Jones R (2010) Myths of ideal hospital size. *Medical Journal of Australia* 193(5): 298-300.

Jones R (2010) Benchmarking length of stay. *BJHCM* 16(5): 248-250.

Jones R (2011) Does hospital bed demand depend more on death than demography? *BJHCM* 17(5): 190-197.

Jones R (2011) Bed days per death: a new performance measure. *BJHCM* 17(5): 213

Jones R (2011) Hospital bed occupancy demystified and why hospitals of different size and complexity must operate at different average occupancy. *BJHCM* 17(6): 242-248.

Jones R (2011) A&E performance and inpatient bed occupancy. *BJHCM* 17(6): 256-257

Jones R (2011) Bed occupancy – the impact on hospital planning. *BJHCM* 17(7): 307-313

Jones R (2011) Factors determining the need for single room accommodation in hospital. *BJHCM* 17(7): 316-317

Jones R (2011) Factors influencing demand for hospital beds in English Primary Care Organisations. *BJHCM* 17(8): 360-367.

Jones R (2011) A paradigm shift for bed occupancy. *BJHCM* 17(8): 376-377.

Jones R (2011) Volatility in bed occupancy for emergency admissions. *BJHCM* 17(9): 424-430.

Jones R (2012) Maternity bed occupancy: all part of the equation. *Midwives Magazine* 15(1): <http://www.rcm.org.uk/midwives/features/all-part-of-the-equation/>

Jones R (2012) A simple guide to a complex problem – maternity bed occupancy. *British Journal of Midwifery* 20(5): 351-357.

Jones R (2013) A guide to maternity costs – why smaller units have higher costs. *British Journal of Midwifery* 21(1): 54-59.

Jones R (2013) Average length of stay in hospitals in the USA. *BJHCM* 19(4): 186-191.

Jones R (2013) Optimum bed occupancy in psychiatric hospitals. *Psychiatry On-Line* http://www.priory.com/psychiatry/psychiatric_beds.htm

Jones R (2013) The NHS England review of urgent and emergency care. *BJHCM* 19(8): 406-407.

Jones R (2014) Medical bed occupancy and cancelled operations. *BJHCM* 20(12): 594-595.

Jones R (2015) A&E tipping points. *BJHCM* 21(5): 248-249.

Jones R (2015) Is length of stay a reliable efficiency measure? *BJHCM* 21(7): 344-345.

Jones R (2015) Bed occupancy, efficiency and infectious outbreaks. *BJHCM* 21(8): 396-397.

Jones R (2015) Declining length of stay and future bed numbers. *BJHCM* 21(9): 440-441. doi: [10.12968/bjhc.2015.21.9.440](https://doi.org/10.12968/bjhc.2015.21.9.440)

Jones R (2015) Links between bed occupancy, deaths and costs. *BJHCM* 21(11): 544-545.

Jones R (2016) Hospital bed occupancy and deaths (all-cause mortality) in 2015. *BJHCM* 22(5): 283-285.

Jones R (2016) Clear the decks of Summary Hospital-level Mortality Indicator. *BJHCM* 22(6): 335-338.

Jones R (2016) Bed occupancy and hospital mortality. *BJHCM* 22(7): 380-381.

Jones R (2016) Hospital deaths and length of stay. *BJHCM* 22(8): 424-425.

Jones R (2016) Where next for overnight stay admissions, length of stay and bed days? *BJHCM* 22(9): 475-477.

Beeknoo N, Jones R (2016) Achieving economy of scale in critical care, and planning information necessary to support the choice of bed numbers.

British Journal of Medicine and Medical Research 17(9):1-15. doi: [10.9734/BJMMR/2016/28736](https://doi.org/10.9734/BJMMR/2016/28736)

Beeknoo N, Jones R (2016) A simple method to forecast next years bed requirements: a pragmatic alternative to queuing theory.

British Journal of Medicine and Medical Research 18(4): 1-20. doi: [10.9734/BJMMR/2016/29518](https://doi.org/10.9734/BJMMR/2016/29518)

Beeknoo N, Jones R (2016) The demography myth - how demographic forecasting underestimates hospital admissions, and creates the illusion that fewer hospital beds or community-based bed equivalents will be required in the future.

British Journal of Medicine and Medical Research 19(2): 1-27. doi: [10.9734/BJMMR/2017/29984](https://doi.org/10.9734/BJMMR/2017/29984)

Jones R (2017) Is there scope to close acute beds in the STPs. *BJHCM* 23(2): 83-85.

Jones R (2017) What is driving growth in the English NHS? *BJHCM* 23(3): 134-137.

Financial Risk in Healthcare <http://www.hcaf.biz/financialrisk.html>

Jones R (2004) Financial risk in healthcare provision and contracts. *Proceedings of the 2004 Crystal Ball User Conference*, June 16-18th, 2004. Denver, Colorado, USA. http://www.hcaf.biz/Financial%20Risk/CBUC_FR.pdf

Jones R (2008) Financial risk in practice based commissioning. *BJHCM* 14(5): 199-204.

Jones R (2008) Financial risk in health purchasing Risk pools. *BJHCM* 14(6): 240-245.

Jones R (2008) Financial risk at the PCT/PBC Interface. *BJHCM* 14(7): 288-293.

Jones R (2009) The actuarial basis for financial risk in practice-based commissioning and implications to managing budgets.

Primary Health Care Research & Development 10(3): 245-253.

Jones R (2010) What is the financial risk in GP Commissioning? *British Journal of General Practice* 60(578): 700-701.

Jones R (2010) Cyclic factors behind NHS deficits and surpluses. *BJHCM* 16(1): 48-50.
 Jones R (2010) Do NHS cost pressures follow long-term patterns? *BJHCM* 16(4): 192-194.
 Jones R (2010) Nature of health care costs and financial risk in commissioning. *BJHCM* 16(9): 424-430.
 Jones R (2010) Trends in programme budget expenditure. *BJHCM* 16(11): 518-526.
 Jones R (2011) Cycles in inpatient waiting time. *BJHCM* 17(2): 80-81.
 Jones R (2012) Time to re-evaluate financial risk in GP commissioning. *BJHCM* 18(1): 39-48.
 Jones R (2012) Gender ratio and cycles in population health costs. *BJHCM* 18(3): 164-165.
 Jones R (2012) Why is the 'real world' financial risk in commissioning so high? *BJHCM* 18(4): 216-217.
 Jones R (2012) Volatile inpatient costs and implications to CCG financial stability. *BJHCM* 18(5): 251-258.
 Jones R (2012) Cancer care and volatility in commissioning. *BJHCM* 18(6): 315-324.
 Jones R (2012) Gender and financial risk in commissioning. *BJHCM* 18(6): 336-337.
 Jones R (2012) End of life care and volatility in costs. *BJHCM* 18(7): 374-381.
 Jones R (2012) Age and financial risk in healthcare costs. *BJHCM* 18(7): 388-389.
 Jones R (2012) High risk categories and risk pooling in healthcare costs. *BJHCM* 18(8): 430-435.
 Jones R (2012) Year-to-year volatility in medical admissions. *BJHCM* 18(8): 448-449.
 Jones R (2012) Risk in GP commissioning: the loss ratio. *BJHCM* 18(11): 605-606.
 Jones R (2012) Financial risk in GP commissioning: lessons from Medicare. *BJHCM* 18(12): 656-657.
 Jones R (2013) Financial risk and volatile elderly diagnoses. *BJHCM* 19(2): 94-96.
 Jones R (2013) Financial risk and volatile childhood diagnoses. *BJHCM* 19(3): 148-149.
 Jones R (2013) Environmental volatility and healthcare costs. *BJHCM* 19(4): 198-199.
 Jones R (2013) What every GP needs to know about financial risk in commissioning.
General Practice Online http://www.priory.com/family_medicine/GP_commissioning_risk.htm
 Jones R (2013) The funding dilemma: a lagged cycle in cancer costs. *BJHCM* 19(12): 601-605.
 Jones R (2014) Financial volatility in NHS contracts. *BJHCM* 20(10): 489-491.
 Jones R (2016) The real reason for the huge NHS overspend? *BJHCM* 22(1): 40-42.
 Jones R (2017) Why is NHS financial management failing? *BJHCM* 23: in press.

Limitations of the HRG Tariff <http://www.hcaf.biz/HRGPbR.html>

Jones R (2008) Limitations of the HRG tariff: excess bed days. *BJHCM* 14(8): 354-355.
 Jones R (2008) Limitations of the HRG tariff: day cases. *BJHCM* 14(9): 402-404.
 Jones R (2008) A case of the emperor's new clothes? *BJHCM* 14(10): 460-461.
 Jones R (2008) Limitations of the HRG tariff: the trim point. *BJHCM* 14(11): 510-513.
 Jones R (2008) Costing orthopaedic interventions. *BJHCM* 14(12): 539-547
 Jones R (2009) Limitations of the HRG tariff: efficiency. *BJHCM* 15(1): 40-43.
 Jones R (2009) Limitations of the HRG tariff: the RCI. *BJHCM* 15(2): 92-95.
 Jones R (2009) Limitations of the HRG tariff: local adjustments. *BJHCM* 15(3): 144-147
 Jones R (2010) A maximum price tariff. *BJHCM* 16(3): 146-147.
 Jones R (2010) Nature of health care costs and the HRG tariff. *BJHCM* 16(9): 451-452.
 Jones R (2010) Emergency assessment tariff: lessons learned. *BJHCM* 16(12): 574-583.
 Jones R (2010) High efficiency or unfair financial gain? *BJHCM* 16(12): 585-586.
 Jones R (2011) Impact of the A&E targets in England. *BJHCM* 17(1): 16-22.
 Jones R (2011) Costs of paediatric assessment. *BJHCM* 17(2): 57-63.
 Jones R (2011) Is the short stay emergency tariff a valid currency? *BJHCM* 17(10): 496-497.
 Jones R (2011) Limitations of the HRG tariff: the national average. *BJHCM* 17(11): 556-557.
 Jones R (2011) Limitations of the HRG tariff: gross errors. *BJHCM* 17(12): 608-609
 Jones R (2012) Is the Health Resource Group (HRG) tariff fit for purpose? *BJHCM* 18(1): 52-53.
 Jones R (2013) A guide to maternity costs - why smaller units cost more. *British Journal of Midwifery* 21(1): 54-59

Funding & the Funding Formula, also see the 'Benchmarking' series <http://www.hcaf.biz/forecastingdemand.html>

Jones R (1994) GP Fundholding: Readies reckoner. *Health Service Journal* 104 (10th Feb): 31.
 Jones R (2011) Infectious outbreaks and the capitation formula. *BJHCM* 17(1): 36-38.
 Jones R (2011) Death and future healthcare expenditure. *BJHCM* 17(9): 436-437.
 Jones R (2013) A fundamental flaw in person-based funding. *BJHCM* 19(1): 32-38.
 Jones R (2013) Population density and healthcare costs. *BJHCM* 19(1): 44-45.

Data Quality

Jones R (1995) Check your outpatient data. *Fundholding* 4(6): 24-25.
 Jones R (1996) Getting the best from hospital patient information. Healthcare Analysis & Forecasting, Camberley, UK.
<http://www.hcaf.biz/Recent/Handbook.pdf>
 Jones R (2007) A level playing field? A discussion document for PCT's exploring the implications of how events get counted at acute trusts. Healthcare Analysis & Forecasting, Camberley, UK.
<http://www.hcaf.biz/For%20PCTs/Microsoft%20Word%20-%20Level%20playing%20field.pdf>

Commissioning to Achieve a Waiting Time Target <http://www.hcaf.biz/capacitymanagement.html>

- Jones R (2000) Outpatient appointments: Feeling a bit peaky. *HSJ* 110(5732): 28-31
Jones R (2001) Outpatient waiting time: A pretty little sum. *HSJ* 111(5740): 28-31
Jones R (2001) Guaranteed waiting times: Quick, quick, slow. *HSJ* 111(5778): 20-24
Jones R (2009) What next for 18 weeks? *BJHCM* 15(8): 404-405.
Jones R (2009) How to maintain 18 weeks. *BJHCM* 15(9): 456-457.
Jones R (2011) Cycles in inpatient waiting time. *BJHCM* 17(2): 80-81.

Biotechnology Publications

- Jones R, Greenfield P (1980) The potential for fuel alcohol production from cellulose. Department of Chemical Engineering, University of Queensland. A report to the Queensland Government, Department of Trade and Industry.
Jones R, Pamment N, Greenfield P (1981) Alcohol fermentation by yeast – the effect of environment and other variables. *Process Biochemistry* 16(3): 42-49.
Jones R, Greenfield P (1981) Batch ethanol production with dual organisms. *Biotechnology Letters* 3(5): 225-30.
Jones R, Greenfield P (1982) Effects of carbon dioxide on yeast growth and fermentation. *Enzyme and Microbial Technology* 4(4): 210-23.
Jones R, Greenfield P (1984) A review of yeast ionic nutrition – growth and fermentation requirements. *Process Biochemistry* 19, 48-60.
Jones R, Greenfield P (1984) Kinetics of yeast apparent cell death induced by ethanol. *Biotechnology Letters* 6(6): 461-71.
Jones R, Greenfield P (1985) Replicative inactivation and metabolic inhibition in yeast ethanol fermentations. *Biotechnology Letters* 7(4): 223-28
Jones R (1985) Ethanol-environment interactions influencing fermentative yeast growth. PhD thesis, University of Queensland.
Jones R, Greenfield P (1986) Role of water activity in ethanol fermentations. *Biotechnology and Bioengineering* 28(1): 29-40.
Jones R (1986) Effect of relative concentration of ion species on yeast growth and ethanol production. *Process Biochemistry* 21, 183-87
Jones R, Greenfield P (1987) Ethanol and the fluidity of the yeast plasma membrane. *Yeast* 3(4): 223-32.
Jones R, Greenfield P (1987) Specific and non-specific inhibitory effects of ethanol on yeast growth. *Enzyme and Microbial Technology* 9(6): 334-338.
Jones R (1987) Factors influencing the deactivation of yeast cells exposed to ethanol. *Journal of Applied Bacteriology* 63(2): 153-64.
Jones R (1987) Measures of yeast death and deactivation and their meaning. *Process Biochemistry* 22(4): 118-128.
Jones R (1988) Intracellular ethanol accumulation and exit from yeast and other cells. *FEMS Microbiology Letters* 54(8): 239-58
Jones R (1989) Biological principles for the effects of ethanol. *Enzyme and Microbial Technology* 11(3): 130-153.
Jones R (1990) Roles for replicative deactivation in yeast-ethanol fermentations. *Critical Reviews in Biotechnology* 10(3): 205-22
Jones R, Gadd G (1990) Ionic nutrition of yeast – physiological mechanisms involved and implications for biotechnology. *Enzyme and Microbial Technology* 12(6): 402-418.

HCAF provides consultancy services to health care organisations, and assists doctors with clinical research.

Dr Rodney Jones (ACMA, CGMA) can be contacted at: hcaf_rod@yahoo.co.uk

www.hcaf.biz