

# Healthcare Publications

**Abbreviations:** *HSJ* = *Health Service Journal*; *BJHCM* = *British Journal of Healthcare Management*

All British Journal of Healthcare Management articles can be downloaded using an NHS Athens login on the British Journal of Healthcare Management website [www.bjhcm.co.uk](http://www.bjhcm.co.uk) **Key references are highlighted in violet**

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

Jones R (1994) GP Fundholding: Readies reckoner. *HSJ* 104 (10<sup>th</sup> Feb): 31 – Limitations in GP fundholding budgets.  
Jones R (2011) Infectious outbreaks and the capitation formula. *British Journal of Healthcare Management* 17(1): 36-38.  
Jones R (2011) Death and future healthcare expenditure. *British Journal of Healthcare Management* 17(9): 436-437.

## 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.  
<http://www.hcaf.biz/Recent/Handbook.pdf>  
Beauchant S and Jones R (1997) Socio-economic and demographic factors in patient non-attendance. *British Journal of Healthcare Management* 3(10): 523-528  
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. <http://www.hcaf.biz/For%20PCTs/Microsoft%20Word%20-%20Level%20playing%20field.pdf>

**Forecasting Year End from Mid-Year Activity & Costs (<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.  
Jones R (2010) Forecasting year-end activity. *British Journal of Healthcare Management* 16(7): 350-351.  
Jones R (2010) Forecasting demand. *British Journal of Healthcare Management* 16(8): 392-393.  
Jones R (2011) Death and future healthcare expenditure. *British Journal of Healthcare Management* 17(9): 438-439.

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

Jones R (1997) Emergency admissions: Admissions of difficulty *HSJ* 107(5546): 28-31  
Jones R (2009) Trends in emergency admissions. *British Journal of Healthcare Management* 15(4): 188-196.  
Jones R (2009) Cycles in emergency admissions. *British Journal of Healthcare Management* 15(5): 239-246.  
Jones R (2009) Emergency admissions and hospital beds. *British Journal of Healthcare Management* 15(6): 289-296.  
Jones R (2009) Emergency admissions and financial risk. *British Journal of Healthcare Management* 15(7): 344-350.  
Jones R (2010) Unexpected, periodic and permanent increase in medical inpatient care: man-made or new disease. *Medical Hypotheses* 74: 978-83.  
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.  
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(5): 452-457.  
Jones R (2010) Emergency preparedness. *British Journal of Healthcare Management* 16 (2): 94-95.  
Jones R (2010) Forecasting emergency department attendances. *British Journal of Healthcare Management* 16(10): 495-496.  
Jones R (2010) Gender ratio and hospital admissions. *British Journal of Healthcare Management* 16(11): 541.  
Jones R (2011) Cycles in gender-related costs for long-term conditions. *British Journal of Healthcare Management* 17(3): 124-125.  
Jones R (2011) CMV and health care costs. *British Journal of Healthcare Management* 17(4): 168-169.  
Jones R (2011) Volatility in bed occupancy for emergency admissions. *British Journal of Healthcare Management* 17(9): 424-430.  
Jones R (2012) Time to re-evaluate financial risk in GP commissioning. *British Journal of Healthcare Management* 18(1): *in press*

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

Jones R (2001) Bed occupancy: Don't take it lying down. *HSJ* 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 27<sup>th</sup> Sep, 2001. Available from: [www.hcaf.biz](http://www.hcaf.biz)  
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, 27<sup>th</sup> January, 2003. Available from: [www.hcaf.biz](http://www.hcaf.biz)  
Jones R (2009) Building smaller hospitals. *British Journal of Healthcare Management* 15(10): 511-512.  
Jones R (2009) Length of stay efficiency. *British Journal of Healthcare Management* 15(11): 563-564.  
Jones R (2009) Crafting efficient bed pools. *British Journal of Healthcare Management* 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. *British Journal of Healthcare Management* 16(5): 248-250.  
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Jones R (2011) Bed days per death: a new performance measure. *British Journal of Healthcare Management* 17(5): 213  
Jones R (2011) Hospital bed occupancy demystified and why hospitals of different size and complexity must operate at different average occupancy. *British Journal of Healthcare Management* 17(6): 242-248.  
Jones R (2011) A&E performance and inpatient bed occupancy. *British Journal of Healthcare Management* 17(6): 256-257

- Jones R (2011) Bed occupancy – the impact on hospital planning. *British Journal of Healthcare Management* 17(7): 307-313
- Jones R (2011) Factors determining the need for single room accommodation in hospital. *British Journal of Healthcare Management* 17(7): 316-317
- Jones R (2011) Factors influencing demand for hospital beds in English Primary Care Organisations. *British Journal of Healthcare Management* 17(8): 360-367.
- Jones R (2011) A paradigm shift for bed occupancy. *British Journal of Healthcare Management* 17(8): 376-377.
- Jones R (2011) Volatility in bed occupancy for emergency admissions. *British Journal of Healthcare Management* 17(9): 424-430.
- Jones R (2012) The simple guide to maternity bed occupancy. *British Journal of Midwifery* (submitted)
- Jones R (2012) Bed days per death in the USA – is the ‘American dream’ of acute hospital efficiency an illusion? *In preparation*

### **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? *British Journal of Healthcare Management* 15(8): 404-405.
- Jones R (2009) How to maintain 18 weeks. *British Journal of Healthcare Management* 15(9): 456-457.
- Jones R (2011) Cycles in inpatient waiting time. *British Journal of Healthcare Management* 17(2): 80-81.

### **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 16-18<sup>th</sup>, 2004. Denver, Colorado, USA. Available from: [www.hcaf.biz](http://www.hcaf.biz)
- Jones R (2008) Financial risk in practice based commissioning. *British Journal of Healthcare Management* 14(5): 199-204.
- Jones R (2008) Financial risk in health purchasing Risk pools. *British Journal of Healthcare Management* 14(6): 240-245.
- Jones R (2008) Financial risk at the PCT/PBC Interface. *British Journal of Healthcare Management* 14(7): 288-293.
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- 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. *British Journal of Healthcare Management* 16(1): 48-50.
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- Jones R (2010) Nature of health care costs and financial risk in commissioning. *British Journal of Healthcare Management* 16(9): 424-430.
- Jones R (2010) Trends in programme budget expenditure. *British Journal of Healthcare Management* 16(11): 518-526.
- Jones R (2011) Cycles in inpatient waiting time. *British Journal of Healthcare Management* 17(2): 80-81.
- Jones R (2012) Time to re-evaluate financial risk in GP commissioning. *British Journal of Healthcare Management* 18(1): *in press*

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

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

HCAF conduct projects where very high levels of NHS experience or expertise is required to elucidate the real cause of the problem. HCAF also provide actuarial services to commissioning groups wishing to share financial risk.

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## 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.