

Healthcare Publications

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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)

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); <https://www.rcm.org.uk/news-views-and-analysis/analysis/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. http://www.hcaf.biz/2016/Followup_Trends.pdf

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](https://doi.org/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](https://doi.org/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. http://www.hcaf.biz/2016/CCU_OA.pdf

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. http://www.hcaf.biz/2017/NHS_Growth.pdf

Jones R (2017) Volatility in emergency admissions per death. *BJHCM* 23(11): 552-554. http://www.hcaf.biz/2017/EM_per_death.pdf

Jones R (2017) Growth in NHS admissions and length of stay: A policy-based evidence fiasco. *BJHCM* 23(12): 603-606. http://www.hcaf.biz/2017/Growth_LOS_Admissions.pdf

Beeknoo N, Lasoye T, Jones R (2017) Using patient social group to determine admission ratio via the emergency department. *Submitted*

Jones R (2018) Unexplained surges in maternity occupied bed days per birth in England: why do they occur when all-cause mortality is high? *In preparation*.

Understanding Hospital Length of Stay (LOS)

Jones R (2009) Length of stay efficiency. *BJHCM* 15(11): 563-564. http://www.hcaf.biz/Hospital%20Efficiency/LOS_efficiency.pdf

Jones R (2010) Benchmarking length of stay. *BJHCM* 16(5): 248-250. http://www.hcaf.biz/2010/Benchmarking_LOS.pdf

Jones R (2013) Average length of stay in hospitals in the USA. *BJHCM* 19(4): 186-191. http://www.hcaf.biz/2013/USA_ALOS.pdf

Jones R (2015) Is length of stay a reliable efficiency measure? *BJHCM* 21(7): 344-345. http://www.hcaf.biz/2015/LOS_deaths.pdf

Jones R (2015) Declining length of stay and future bed numbers. *BJHCM* 21(9): 440-441. http://www.hcaf.biz/2015/Future_bed_LOS.pdf

Jones R (2016) Hospital deaths and length of stay. *BJHCM* 22(8): 424-425. http://www.hcaf.biz/2016/Deaths_LOS.pdf

Jones R (2016) Where next for overnight stay admissions, length of stay and bed days? *BJHCM* 22(9): 475-477. http://www.hcaf.biz/2016/LOS_Beddays.pdf

Jones R (2017) Growth in NHS admissions and length of stay: A policy-based evidence fiasco. *BJHCM* 23(12): 603-606. http://www.hcaf.biz/2017/Growth_LOS_Admissions.pdf

Jones R (2018) Maternity length of stay efficiency and neonatal admissions. *BJHCM* 24(3): 122-124. http://www.hcaf.biz/2018/Maternity_LOS.pdf

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. http://www.hcaf.biz/Hospital%20BedsEM_Admissions_HSJ.pdf

Jones R (2001) Bed occupancy: Don't take it lying down. *Health Service Journal* 111(5752): 28-31. http://www.hcaf.biz/Hospital%20Beds/HSJ_Beds.pdf

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 September 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. http://www.hcaf.biz/Recent/Emergency_Beds.pdf

Jones R (2009) Building smaller hospitals. *BJHCM* 15(10): 511-512. http://www.hcaf.biz/Recent/Building_smaller_hospitals.pdf

Jones R (2009) Crafting efficient bed pools. *BJHCM* 15(12): 614-616. http://www.hcaf.biz/Hospital%20Beds/Efficient_bed_pools.pdf

Jones R (2010) Myths of ideal hospital size. *Medical Journal of Australia* 193(5): 298-300. http://www.hcaf.biz/2010/Myths_of_ideal_hospital_size.pdf

Jones R (2011) Does hospital bed demand depend more on death than demography? *BJHCM* 17(5): 190-197. http://www.hcaf.biz/2011/Method_for_determining_hospital_bed.pdf

Jones R (2011) Bed days per death: a new performance measure. *BJHCM* 17(5): 213. http://www.hcaf.biz/2011/Bed_days_per_death.pdf

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. http://www.hcaf.biz/2011/Hospital_occupancy.pdf

Jones R (2011) A&E performance and inpatient bed occupancy. *BJHCM* 17(6): 256-257. http://www.hcaf.biz/2011/A&E_and_occupancy.pdf

Jones R (2011) Bed occupancy – the impact on hospital planning. *BJHCM* 17(7): 307-313. http://www.hcaf.biz/2011/Trends_Bed_Occup.pdf

Jones R (2011) The need for single room accommodation in hospital. *BJHCM* 17(7): 316-317. http://www.hcaf.biz/2011/Single_room.pdf

Jones R (2011) Demand for hospital beds in English Primary Care Organisations. *BJHCM* 17(8): 360-367. http://www.hcaf.biz/2011/PCO_Bed_Demand.pdf

Jones R (2011) A paradigm shift for bed occupancy. *BJHCM* 17(8): 376-377. http://www.hcaf.biz/2011/Paradigm_Shift_Bed_Occupancy.pdf

Jones R (2011) Volatility in bed occupancy for emergency admissions. *BJHCM* 17(9): 424-430. http://www.hcaf.biz/2011/Volatile_bed_occupancy.pdf

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. http://www.hcaf.biz/2012/Maternity_Bed_Occupancy.pdf

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

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. http://www.hcaf.biz/2013/Emergency_Urgent_Care.pdf

Jones R (2014) Medical bed occupancy and cancelled operations. *BJHCM* 20(12): 594-595. http://www.hcaf.biz/2014/Medical_occupancy.pdf

Jones R (2015) A&E tipping points. *BJHCM* 21(5): 248-249. http://www.hcaf.biz/2015/Tipping_Points.pdf

Jones R (2015) Bed occupancy, efficiency and infectious outbreaks. *BJHCM* 21(8): 396-397. http://www.hcaf.biz/2015/Bed_occupancy_steps.pdf

Jones R (2015) Links between bed occupancy, deaths and costs. *BJHCM* 21(11): 544-545. http://www.hcaf.biz/2015/Occupancy_deaths_costs.pdf

Jones R (2016) Hospital bed occupancy and deaths (all-cause mortality) in 2015. *BJHCM* 22(5): 283-285. http://www.hcaf.biz/2016/Beds_Deaths.pdf

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 (2016) Bed occupancy and hospital mortality. *BJHCM* 22(7): 380-381. http://www.hcaf.biz/2016/Bed_Mortality.pdf
- Jones R (2017) Is there scope to close acute beds in the STPs. *BJHCM* 23(2): 83-85. http://www.hcaf.biz/2017/STP_Beds.pdf
- Jones R (2017) What is driving growth in the English NHS? *BJHCM* 23(3): 134-137. http://www.hcaf.biz/2017/NHS_Growth.pdf
- Jones R (2017) Flexibility, hospital bed numbers, and sustainability and transformation plans. *BJHCM* 23(7):344-345. http://www.hcaf.biz/2017/STP_Volatility.pdf
- Jones R (2017) Deaths and acute hospital beds in the Sustainability and Transformation Plans. *BJHCM* 23(10): 498-499. http://www.hcaf.biz/2017/Deaths_STPs.pdf
- Jones R (2017) Bed occupancy continues to show on/off switching. *BJHCM* 23(11): 515-516. http://www.hcaf.biz/2017/On_off_occupancy.pdf
- Jones R (2018) Local 7-day patterns of on/off switching in acute bed occupancy. *BJHCM* 24(2): 100-102. http://www.hcaf.biz/2017/Occupancy_Waves.pdf
- Jones R (2018) Do outbreaks of 'Disease X' regulate NHS beds and costs? *BJHCM* 24(4): 204-205. http://www.hcaf.biz/2018/Beds_Disease_X.pdf
- Jones R (2018) 28-Day on/off patterns in acute bed occupancy. *BJHCM* 24: in press
- Jones R (2018) Growth in occupied beds in England following a sudden and unexpected increase in deaths. *BJHCM Submitted*.
- Jones R (2018) Hospital beds per death: how do countries rank? *BJHCM (submitted)*
- Kellet J, Jones R (2018) A new method (incorporating end-of-life) for forecasting hospital bed numbers. *In preparation*
- Beeknoo N, Jones R, Lasoye T (2018) How many adult Critical Care beds are needed in England? Comparisons within England and with other counties. *In preparation*

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) 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 (2014) Trends in emergency admissions per death. *BJHCM* 20(9): 446-447.
- 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](https://doi.org/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) 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](https://doi.org/10.4172/2314-7326.1000172)
- Jones R (2015) Influenza-like-illness, deaths and health care costs. *BJHCM* 21(12): 587-589.
- Jones R (2016) The real reason for the huge NHS overspend? *BJHCM* 22(1): 40-42. http://www.hcaf.biz/2016/NHS_Overspend.pdf
- 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](https://doi.org/10.4172/2161-1165.1000261)
- Jones R (2016) Deaths and the marginal changes in healthcare costs *BJHCM* 22(10): 503-509. http://www.hcaf.biz/2016/Deaths_Marginal_Costs.pdf
- Jones R (2016) Trend in proportion of deaths occurring in hospital. *BJHCM* 22(11): 572-573. http://www.hcaf.biz/2016/Trend_proportion_hospital.pdf
- Jones R (2017) Anticipated ambulance workload during the 2016/17 winter. *Journal of Paramedic Practice* 9(2): 52-54.
- Jones R (2017) In-hospital deaths, all-cause mortality and medical admissions. *BJHCM* 23(5): 239-240. http://www.hcaf.biz/2017/Death_Medical.pdf
- Jones R (2017) Anticipated NHS demand in 2017/18. *Journal of Paramedic Practice* 9(6): 236-237.
- 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](https://doi.org/10.1177/0141076817703864)
- Jones R (2017) What government data on death rates fail to show. *BJHCM* 23(8): 572-573. http://www.hcaf.biz/2017/ONS_MM.pdf
- Jones R (2017) Did austerity cause the rise in deaths seen in England and Wales in 2015? *BJHCM* 23(9): 418-424. http://www.hcaf.biz/2017/BJHCM_Austerity.pdf
- Jones R (2017) The link between seasonal death rates and workloads. *BJHCM* 23(9): 448-450. http://www.hcaf.biz/2017/Seasonal_Workload.pdf
- Jones R (2017) A reduction in acute thrombotic admissions during a period of unexplained increased deaths and medical admissions in the UK. *European Journal of Internal Medicine* 46: e31-e33. <https://doi.org/10.1016/j.ejim.2017.09.007>
- Jones R (2018) Volatility in emergency admissions per death. *BJHCM* 23(11): 554-556. http://www.hcaf.biz/2017/EM_per_death.pdf
- Jones R (2018) Admissions for certain conditions show explosive growth in England following a sudden and unexpected increase in deaths. *European Journal of Internal Medicine*. 2018; In press doi: <https://doi.org/10.1016/j.ejim.2018.03.005>
- Jones R (2018) Do outbreaks of 'Disease X' regulate NHS beds and costs? *BJHCM* 24(4): 204-205. http://www.hcaf.biz/2018/Beds_Disease_X.pdf
- Jones R (2018) Clinical workload trends. *BJHCM* 24(6): 308-309. http://www.hcaf.biz/2018/Staff_Death.pdf
- Jones R (2018) Deaths in the UK show another large increase in 2018. *BJHCM* 24(7): in press.
- Jones R (2018) All-cause mortality and NHS sickness absence rates in England show a lagged series of step-like changes. *IAOEH Submitted*
- Jones R (2018) End-of-life, unusual syndromic symptoms, and periods of high physician work-load. *AiMB Submitted*

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](https://doi.org/10.15761/FGNAMB.1000116)
- Jones R (2015) Links between bed occupancy, deaths and costs. *BJHCM* 21(11): 544-545. http://www.hcaf.biz/2015/Occupancy_deaths_costs.pdf
- Jones R (2016) Hospital bed occupancy and deaths (all-cause mortality) in 2015. *BJHCM* 22(5): 283-285. http://www.hcaf.biz/2016/Beds_Deaths.pdf
- Jones R (2016) Clear the decks of Summary Hospital-level Mortality Indicator. *BJHCM* 22(6): 335-338. http://www.hcaf.biz/2016/SHMI_Flaw.pdf
- Jones R (2016) Bed occupancy and hospital mortality. *BJHCM* 22(7): 380-381. http://www.hcaf.biz/2016/Bed_Mortality.pdf

- Jones R (2016) Hospital deaths and length of stay. *BJHCM* 22(8): 424-425. http://www.hcaf.biz/2016/Deaths_LOS.pdf
- Jones R (2016) Hospital mortality rates and changes in activity. *BJHCM* 22(10): 519-521. http://www.hcaf.biz/2016/SHMI_Activity.pdf
- 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. http://hcaf.biz/2016/Trend_proportion_hospital.pdf
- Jones R (2016) Trends in crude death rates in English hospitals. *BJHCM* 22 (12): 616-617. http://www.hcaf.biz/2016/Death_Rate.pdf
- Jones R (2017) Is the ‘weekend’ mortality effect real? *BJHCM* 23 (1): 39-41. www.hcaf.biz/2017/Weekend_Mortality.pdf
- Jones R (2017) In-hospital deaths, all-cause mortality and medical admissions. *BJHCM* 23(5): 239-240. http://www.hcaf.biz/2017/Death_Medical.pdf
- Jones R (2018) Hospital mortality scores are unduly influenced by changes in the number of admissions. *European Journal of Internal Medicine* 51: e35-e37. <https://doi.org/10.1016/j.ejim.2018.02.010>
- Jones R (2018) Unexpected trends in hospital standardized mortality indicate a novel cause. *European Journal of Internal Medicine*. 52: e9-e11. doi: <https://doi.org/10.1016/j.ejim.2018.02.018>
- Jones R (2018) Hospital mortality scores are unduly influenced by changes in service configuration. *BJHCM* 24 (6): 297-301. http://www.hcaf.biz/2018/SHMI_Configuration.pdf

Outbreaks of a New Type of Infectious Immune Impairment Affecting Deaths and Medical Admissions (World Health Organisation’s Disease X?)

- 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>
- 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>
- 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>
- 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. <https://www.bmijournal.org/index.php/bmi/article/download/27/25>
- 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
- 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
- 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
- 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. *Brit J Medicine and Medical Research* 5(11): 1361-1380. doi: 10.9734/BJMMR/2015/14285
- Jones R (2015) Are emergency admissions contagious? *BJHCM* 21(5): 227-235. http://www.hcaf.biz/2015/Double_Epidemic.pdf
- 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
- 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 (2017) A reduction in acute thrombotic admissions during a period of unexplained increased deaths and medical admissions in the UK. *European Journal of Internal Medicine* 46: e31-e33 doi: <http://dx.doi.org/10.1016/j.ejim.2017.09.007>
- Jones R (2017) Age-specific and year of birth changes in hospital admissions during a period of unexplained higher deaths in England. *European Journal of Internal Medicine* 45: 2-4. doi: <http://dx.doi.org/10.1016/j.ejim.2017.09.039>
- Jones R (2018) Periods of unexplained higher deaths and medical admissions have occurred previously – but were apparently ignored, misinterpreted or not investigated. *European Journal of Internal Medicine* 40: e18-e20. <https://doi.org/10.1016/j.ejim.2017.11.004>
- Jones R (2018) Do outbreaks of ‘Disease X’ regulate NHS beds and costs? *BJHCM* 24(4): 204-205. http://www.hcaf.biz/2018/Beds_Disease_X.pdf
- Jones R (2018) Deaths in 2017 reached a new (unexpected) high. *BJHCM* 24(5): 256-257. http://www.hcaf.biz/2018/Deaths_2017.pdf
- Jones R (2018) An explosion in sepsis admissions in England during a period of unexplained increasing all-cause mortality.
- Jones R (2018) Unexplained surges in maternity occupied bed days per birth in England: why do they occur when all-cause mortality is high?

Small-Area Spatiotemporal Patterns in the Spread of a New Type or Kind of Infectious Disease (Disease X?)

- 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. <http://www.bmijournal.org/index.php/bmi/article/view/35>
- 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
- 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
- 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 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 (2015) Deaths and international health care expenditure. *BJHCM* 21(10): 491-493. http://www.hcaf.biz/2015/Deaths_international.pdf
- Jones R (2016) A fatal flaw in mortality-based disease surveillance. *BJHCM* 22(3): 143-145. http://www.hcaf.biz/2016/Flaw_monitoring.pdf
- 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. <https://pdfs.semanticscholar.org/c3aa71a1b78e053cba4a871093dd43aa896d9ef6.pdf>
- Jones R (2016) Unusual trends in NHS staff sickness absence. *BJHCM* 22(4): 239-240. http://www.hcaf.biz/2016/Absence_trends.pdf
- 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. doi: 10.15761/FGNAMB.1000129
- 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.sifdesk.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): 37-69. <http://smu.edu.in/content/dam/manipal/smu/smims/Volume4No2July2017/SMU%20Med%20J%20July%202017%20-%204.pdf>
- 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. http://www.hcaf.biz/2017/FGNAMB_Deaths.pdf
- Jones R (2017) Different patterns of male and female deaths in 2015 in English and Welsh local authorities question the role of austerity as the primary force behind higher deaths. *Fractal Geometry and Nonlinear Analysis in Medicine and Biology* 3(2): in press. http://www.hcaf.biz/2017/FGNAMB_Austerity.pdf
- Jones R (2018) Deaths and medical admissions in the UK show an unexplained and sustained peak after 2011. *European Journal of Internal Medicine* 47: e14-e16. DOI: <http://dx.doi.org/10.1016/j.ejim.2017.09.021>

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 (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.
- Досягнення біології та медицини (Achievements in Biology and Medicine - transl)** 29(1): 75-81. www.hcaf.biz/2017/CMVcalltoaction_2017_1_18.pdf or http://www.ihbs-ibhs.gov.na/cpi-bio/ihbs_ibhs/cq/ihbs_64.exe?I2IDBN-LINK&P2IDBN-LURN&Z21ID--&S21BEF-10&S21CNR-20&S21STN-1&S21FMT-ASP_mca&C21COM-S&2_S21P03-FILA--&2_S21STR-dbtm_2017_1_18

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. http://www.hcaf.biz/Financial%20Risk/FR_PBC_1.pdf
- Jones R (2008) Financial risk in health purchasing Risk pools. *BJHCM* 14(6): 240-245. http://www.hcaf.biz/Financial%20Risk/FR_PBC_2.pdf
- Jones R (2008) Financial risk at the PCT/PBC Interface. *BJHCM* 14(7): 288-293. http://www.hcaf.biz/Financial%20Risk/FR_PBC_3.pdf
- 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. http://www.hcaf.biz/2010/Surplus_Deficit_Cycle.pdf
- Jones R (2010) Do NHS cost pressures follow long-term patterns? *BJHCM* 16(4): 192-194. http://www.hcaf.biz/2010/USA_cost_cycles.pdf
- Jones R (2010) Nature of health care costs and financial risk in commissioning. *BJHCM* 16(9): 424-430. http://www.hcaf.biz/2010/Healthcare_Costs_1.pdf
- Jones R (2010) Trends in programme budget expenditure. *BJHCM* 16(11): 518-526. http://www.hcaf.biz/2010/Programme_Budget_Costs.pdf
- Jones R (2011) Cycles in inpatient waiting time. *BJHCM* 17(2): 80-81. http://www.hcaf.biz/2011/Waiting_time_cycles.pdf
- Jones R (2012) Time to re-evaluate financial risk in GP commissioning. *BJHCM* 18(1): 39-48. http://www.hcaf.biz/2012/reevaluate_risk.pdf
- Jones R (2012) Gender ratio and cycles in population health costs. *BJHCM* 18(3): 164-165. http://www.hcaf.biz/2012/Gender_ratio_cost_cycles.pdf
- Jones R (2012) Why is the 'real world' financial risk in commissioning so high? *BJHCM* 18(4): 216-217. http://www.hcaf.biz/2012/Real_world_financial_risk.pdf
- Jones R (2012) Volatile inpatient costs and implications to CCG financial stability. *BJHCM* 18(5): 251-258. http://www.hcaf.biz/2012/Volatile_inpatient_costs.pdf
- 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. http://www.hcaf.biz/2014/Financial_Volatility_NHS_Contracts.pdf
Jones R (2016) The real reason for the huge NHS overspend? *BJHCM* 22(1): 40-42. http://www.hcaf.biz/2016/NHS_Overspend.pdf

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

This is intrinsically linked to financial risk (see above)

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.
Jones R, Kellet J (2018) The way healthcare is funded is wrong: it should be linked to deaths as well as age, gender and social deprivation. *Submitted*

Limitations of the Healthcare Resource Group (HRG) Tariff - This is intrinsically linked to financial risk (see above)

Jones R (2008) Limitations of the HRG tariff: excess bed days. *BJHCM* 14(8): 354-355. http://www.hcaf.biz/Recent/Tariff_Limitations_1.pdf
Jones R (2008) Limitations of the HRG tariff: day cases. *BJHCM* 14(9): 402-404. http://hcaf.biz/Recent/Limitations_DC.pdf
Jones R (2008) A case of the emperor's new clothes? *BJHCM* 14(10): 460-461. http://hcaf.biz/Recent/Tariff_3.pdf
Jones R (2008) Limitations of the HRG tariff: the trim point. *BJHCM* 14(11): 510-513. http://hcaf.biz/2010/Tariff_Trim_Point.pdf
Jones R (2008) Costing orthopaedic interventions. *BJHCM* 14(12): 539-547. http://hcaf.biz/2010/Costing_Orthopaedic_Interventions.pdf
Jones R (2009) Limitations of the HRG tariff: efficiency comparison. *BJHCM* 15(1): 40-43. http://www.hcaf.biz/Recent/Tariff_efficiency.pdf
Jones R (2009) Limitations of the HRG tariff: the RCL. *BJHCM* 15(2): 92-95. http://www.hcaf.biz/Recent/Tariff_RCL.pdf
Jones R (2009) Limitations of the HRG tariff: local adjustments. *BJHCM* 15(3): 144-147. http://hcaf.biz/2010/Tariff_Local_Adjustments.pdf
Jones R (2010) A maximum price tariff. *BJHCM* 16(3): 146-147. http://hcaf.biz/2010/Maximum_price_tariff.pdf
Jones R (2010) Nature of health care costs and the HRG tariff. *BJHCM* 16(9): 451-452. http://hcaf.biz/2010/Healthcare_Costs_2.pdf
Jones R (2010) Emergency assessment tariff: lessons learned. *BJHCM* 16(12): 574-583. http://hcaf.biz/2010/Assessment_Unit_Tariff.pdf
Jones R (2010) High efficiency or unfair financial gain? *BJHCM* 16(12): 585-586. http://hcaf.biz/2010/Emergency_RCL.pdf
Jones R (2010) Is the HRG tariff fit for purpose? nhsManagers.net: Managers Briefing http://hcaf.biz/2010/HRG_Fit_For-Purpose.pdf
Jones R (2011) Impact of the A&E targets in England. *BJHCM* 17(1): 16-22. http://www.hcaf.biz/Recent/Costing_A&E_attendances.pdf
Jones R (2011) Costs of paediatric assessment. *BJHCM* 17(2): 57-63. http://hcaf.biz/2011/Costing_Paediatric_Assessment.pdf
Jones R (2011) Is the short stay emergency tariff a valid currency? *BJHCM* 17(10): 496-497. http://hcaf.biz/2011/Valid_Currency.pdf
Jones R (2011) Limitations of the HRG tariff: the national average. *BJHCM* 17(11): 556-557. http://hcaf.biz/2011/Limitations_annual_average.pdf
Jones R (2011) Limitations of the HRG tariff: gross errors. *BJHCM* 17(12): 608-609. http://hcaf.biz/2011/Limitations_gross_errors.pdf
Jones R (2012) Is the Health Resource Group (HRG) tariff fit for purpose? *BJHCM* 18(1): 52-53. http://hcaf.biz/2012/Fit_for_purpose.pdf
Jones R (2012) Limitations of the HRG tariff. Healthcare Analysis & Forecasting. http://hcaf.biz/2012/Limitations_HRG_tariff.pdf
Jones R (2013) A guide to maternity costs - why smaller units cost more. *British Journal of Midwifery* 21(1): 54-59

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.

Dr Rodney Jones has 25-years' experience in health care forecasting, capacity planning and financial risk in health care purchasing. His Research Gate score places him in the top 5% of international researchers and academics (out of 13+ million RG members). His papers have over 4,700 citations (June 2018) within RG.

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

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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): 334-8.
- 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.