Economic plan

This plan identifies the areas prioritised for economic modelling. The final analysis may differ from those described below. The rationale for any differences will be explained in the guideline.

1 Guideline

Safe staffing for nursing in inpatient mental health settings

2 List of modelling questions

Review questions by scope area	What staffing factors affect nursing staff requirements in inpatient mental health settings? What service user outcomes are associated with safe staffing for nursing inpatient mental health settings?
Population	Adults in acute psychiatric wards
Interventions and comparators considered for inclusion	Cost-effectiveness analysis Analysis 1: Day shifts: Low nursing staff scenario (staff to beds ratio 1:>4) Medium nursing staff scenario (staff to beds ratio 1:4) High nursing staff scenario (staff to beds ratio 1 :<4) Analysis 2: Night shifts: Low nursing staff scenario (staff to beds ratio 1:>6, Medium nursing staff scenario (staff to beds ratio 1:5-6) High nursing staff scenario (staff to beds ratio 1 :<5) Production function analysis Registered nursing staff Non-registered nursing staff
Perspective	Health Outcomes in NHS Settings
Outcomes	Conflict (as defined in the City-128 study[1]) Containment (as defined in the City-128 study[1])
Type of analysis	Cost – effectiveness analysis (measures of effectiveness are 'weighted total conflicts averted' and 'weighted total containments averted') Production function analysis (measures of output are 'weighted total conflicts events' and 'weighted total containment events)'
Issues to note	1 For more information on the City-128 study see: http://www.kcl.ac.uk/ioppn/depts/hspr/research/ciemh/mhn/projects/City-128.aspx