

Title	Strategic Model of Demand and Supply in Residential Care for Older People (Public and Privately Funded)
Key Objectives of the Model	<p>General: To estimate the need for care for older people based on local population data, taking into account the whole residential care system.</p> <p>Specific Recent Application: To estimate the need for nursing home care for older people with severe dementia.</p> <p>To enable strategic planning and scenario planning in care of older adults.</p>
Description	<p>A demand model has been developed in Excel, using (a) local data extracted from large data sets (e.g. CSCI), combined with (b) assumptions of need based on review of the literature on prevalence rates and (c) indicators constructed from the Index of Multiple Deprivation.</p> <p>All assumptions can be varied and refined in response to locally available data.</p> <p>Demand is compared against supply based on an analysis of the local nursing home market.</p>
Application areas	Health and social care capacity planning for older adults
Input	<p>The model draws on data that is collected centrally and is nationally available. Locally available data adds sensitivity to the assumptions but is not essential.</p> <p>Data includes: CSCI data set on residential and nursing home capacity and registration type; population data; index of multiple deprivation, assumptions on prevalence of dementia based on published studies.</p> <p>The model has been built as a bespoke tool for local authorities and PCTs.</p>
Output	<p>The model generates forecasts of need for nursing home care for older people with severe dementia over a defined period, separating out publicly and privately funded places. It can be adapted to cover any defined client group.</p> <p>The output provides a basis for strategic decisions, e.g. what capacity needs to be built or retained, how much investment will be needed, how should commissioning behaviour change?</p>
Resources External – initial set-up, ongoing support	The model is constructed as part of a strategic review of service capacity for older people, facilitated by external consultants, Crystal Blue Consulting Ltd. It is bespoke for the commissioner, as part of the project, and may then be maintained locally or updated periodically by Crystal Blue.

<p>Resources</p> <p>Internal – initial set-up, ongoing support</p>	<p>If the model were to be developed and maintained in-house, a member of staff would need to be trained to undertake the analysis and present reports.</p> <p>The model uses industry-standard Excel spreadsheets, rather than specially-designed software, and so is transparent. It is a straightforward tool that requires analytical skills and information to underpin it.</p>
<p>Indicative Costs and timing</p>	<p>The model would take 3-9 months to develop for local application. See supplier for fee estimates.</p>
<p>Supplier contacts</p>	<p>John Crilly FCMA, MCT Tessa Crilly PhD Crystal Blue Consulting Ltd 91 Mount Nod Road, London SW16 2LJ Tel: 020 8677 7046, 020 8677 7776 Email: john@crystalblueconsulting.com tessa@crystalblueconsulting.com</p>
<p>Council reference contacts</p>	<p>South East Centre of Excellence (covering 19 local authorities in the South East Region)</p> <p>Matt Bowsher, Social Care Workstream Lead, 07809 086852, matt.bowsher@sece.gov.uk</p> <p>Alison Templeton, Assistant Director, SECE, 07711 928022, alison.templeton@sece.gov.uk</p>
<p>Documentation</p>	<p>Reviewing Procurement of Nursing Home Places for Older People with Mental Health Needs. (OPMHN)</p> <p>February 2007</p>

Disclaimer:

CSED provides this information as an indicative overview of the methodology. Councils will need to evaluate proposals from suppliers in the light of their local situation before making decisions on specific applications.