

## Community Tool Methodologies and Outputs

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### Multiplier calculation for one intervention at each level of acuity

$$rWTE = WI * (dci + ici) * hmh1 * (ho / 60 * do) / (dc + ic) + tt * paa / ch$$

Where:

*rWTE = recommended Whole Time Equivalent*

*WI = Workload Index = sum of (number of interventions at each acuity level \* (hourly minutes per hour for each level of acuity / hourly mins per hour for acuity level 1))*

*dci = average number of direct care interventions at each level of care*

*ici = average number of indirect care interventions at each level of care*

*hmh1 = hourly mins per hour for dependency level 1*

*hmph = the number of minutes on average per hour spent on direct and indirect care by dependency*

*ho = hours open = number of hours per day the service is open*

*do = days open = number of days the service is open*

*dc = direct care = percentage of time spent on direct care as a proportion of all time observed in the national run*

*ic = indirect care = percentage of time spent on indirect care as a proportion of all time observed in the national run*

*tt = travel time = actual travel time in hours*

*paa = Predicted absence allowance = percentage to cover planned and unplanned leave, for example study leave, annual leave, maternity leave, sickness absence*

*ch = hours worked per week by 1 WTE*

The results of the above formula calculates the multiplier for one intervention at each level of acuity. This value is multiplied by the total number of interventions, per level of acuity to derive a recommended Whole Time Equivalent (rWTE).

Staffing Tool	Table of multipliers*	Tool guidance
Community Nursing	Table 1	<a href="#">CN User Guide</a>
Community Children's & Children's Specialist Nurse	Table 2	<a href="#">CCSN User Guide</a>
Clinical Nurse Specialist	Table 3	<a href="#">CNS User Guide</a>

\*multipliers are based on WTE of 37.5 hours and will be impacted by a change in conditioned hours

### **Table 1**

#### **Community Nursing**

	Level 1	Level 2	Level 3	Level 4
District Nursing	0.19	0.25	0.27	0.31
Health Visiting	0.24	0.40	0.47	0.55
School Nursing	0.27	0.33	0.55	0.67

### **Table 2**

#### **Community Children's & Children's Specialist Nurse**

Level 1	Level 2	Level 3	Level 4
0.32	0.36	0.48	0.53

### **Table 3**

#### **Clinical Nurse Specialist**

Level 1	Level 2	Level 3	Level 4
0.16	0.21	0.24	0.34

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