**Section 1100.630 In-Center Hemodialysis Category of Service**

a) Planning Areas

Planning areas for the in-center hemodialysis category of service are Health Service Areas.

b) Age Groups

For in-center hemodialysis, all ages.

c) Utilization Target

Facilities providing in-center hemodialysis should operate their dialysis stations at or above an average annual utilization rate of 80%, assuming three patient shifts per day per renal dialysis station operating six days a week.

d) Need Determination

The five-year need determination is a short-term assessment that applies to the planning area need requirements in the 77 Ill. Adm. Code 1110 category of service review criteria. The in-center hemodialysis or end stage renal disease (ESRD) station need is a five year projection from the base year. The need for additional treatment stations can be projected utilizing the following methodology:

1) Establish a minimum institutional dialysis rate by dividing the total number of institutional dialysis patients in the base year by the State base year population estimate in thousands and multiply the result by .6 (60%).

2) Determine each planning area's experienced institutional dialysis rate by dividing the number of patients receiving dialysis in the base year by the planning area population projection in thousands for the base year.

3) Multiply each planning area's population projection in thousands by the greater of the minimum institutional dialysis rate or the experienced institutional dialysis rate for the planning area to determine the estimated number of institutional dialysis patients.

4) Multiply the planning area's projected number of institutional dialysis patients by a factor of 1.33 (5 year increase in prevalence) to determine the projected number of institutional dialysis patients in the planning area for the projected year.

5) Multiply the projected number of annual institutional dialysis patients by 156 (3 treatments/week x 52 weeks) to determine the projected number of institutional procedures.

6) Divide the projected number of annual institutional procedures by 749 (3 shifts/day x 6 days/week x 52 weeks/year x .80 utilization target) to determine the projected number of stations needed for the projected year.

7) Subtract the number of existing stations from the projected number of needed stations to determine the excess (surplus) or additional (deficit) number of stations needed.

(Source: Amended at 38 Ill. Reg. 2822, effective February 1, 2014)