



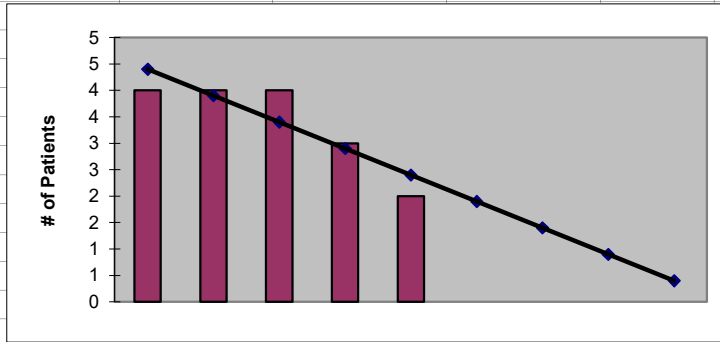
**2022**  
**Wahkiakum County**  
**ESRD Need Projection Methodology**

|   | Planning Area                          | 6 Year Utilization Data - Resident Incenter Patients |                |                |                |                |                |
|---|--|--|----------------|----------------|----------------|----------------|----------------|
|   | Wahkiakum                              | 2016   | 2017           | 2018           | 2019           | 2020           | 2021           |
|   | Wahkiakum County                       | 4  | 4              | 4              | 4              | 3              | 2              |
|   | <b>TOTALS</b>                          | <b>4</b>   | <b>4</b>       | <b>4</b>       | <b>4</b>       | <b>3</b>       | <b>2</b>       |
| <b>246-310-812(4)(a)</b>  | Rate of Change                         |  | 0.00%          | 0.00%          | 0.00%          | -25.00%        | -33.33%        |
|   | 6% Growth or Greater?                  |  | FALSE          | FALSE          | FALSE          | FALSE          | FALSE          |
|   | Regression Method:                     | Linear   |                |                |                |                |                |
| <b>246-310-812(4)(c)</b>  |  |  | Year 1<br>2022 | Year 2<br>2023 | Year 3<br>2024 | Year 4<br>2025 | Year 5<br>2026 |
| Projected Resident Incenter Patients Station Need for Patients            | from 246-310-812(4)(b)                 |  | 1.90           | 1.40           | 0.90           | 0.40           | -0.10          |
|   | Divide Resident Incenter by 3.2        |  | 0.59           | 0.44           | 0.28           | 0.12           | -0.03          |
|   | Rounded to next whole number           |  | 1              | 1              | 1              | 1              | -1             |
| <b>246-310-812(4)(d)</b>  | subtract (4)(c) from approved stations |  |                |                |                |                |                |
| Existing CN Approved Stations   | Total                                  |  | 0              | 0              | 0              | 0              | 0              |
| Results of (4)(c) above   |  |  | 1              | 1              | 1              | 1              | -1             |
| Net Station Need  |  |  | -1             | -1             | -1             | -1             | 1              |
| Negative number indicates need for stations                               |  |  |                |                |                |                |                |
| <b>Planning Area Facilities</b>   |  |  |                |                |                |                |                |
| Name of Center  | # of Stations                          |  |                |                |                |                |                |
| None  | 0                                      |  |                |                |                |                |                |
| <b>Total</b>  | <b>0</b>                               |  |                |                |                |                |                |
| Source: Northwest Renal Network / Comagine ESRD Network 16 data 2016-2021 |  |  |                |                |                |                |                |
| Most recent year-end data: 2021 posted 03/15/2022                         |  |  |                |                |                |                |                |



**2022**  
**Wahkiakum County**  
**ESRD Need Projection Methodology**

| x    | y | Linear |
|------|---|--------|
| 2017 | 4 | 4      |
| 2018 | 4 | 4      |
| 2019 | 4 | 3      |
| 2020 | 3 | 3      |
| 2021 | 2 | 2      |
| 2022 |   | 1.90   |
| 2023 |   | 1.40   |
| 2024 |   | 0.90   |
| 2025 |   | 0.40   |
| 2026 |   | -0.10  |



**SUMMARY OUTPUT**

| <i>Regression Statistics</i> |             |
|------------------------------|-------------|
| Multiple R                   | 0.883883476 |
| R Square                     | 0.78125     |
| Adjusted R Square            | 0.708333333 |
| Standard Error               | 0.483045892 |
| Observations                 | 5           |

| <b>ANOVA</b> |           |           |             |             |                       |
|--------------|-----------|-----------|-------------|-------------|-----------------------|
|              | <i>df</i> | <i>SS</i> | <i>MS</i>   | <i>F</i>    | <i>Significance F</i> |
| Regression   | 1         | 2.5       | 2.5         | 10.71428571 | 0.046661882           |
| Residual     | 3         | 0.7       | 0.233333333 |             |                       |
| Total        | 4         | 3.2       |             |             |                       |

|              | <i>Coefficients</i> | <i>Standard Error</i> | <i>t Stat</i> | <i>P-value</i> | <i>Lower 95%</i> | <i>Upper 95%</i> | <i>ower 95.0%</i> | <i>pper 95.0%</i> |
|--------------|---------------------|-----------------------|---------------|----------------|------------------|------------------|-------------------|-------------------|
| Intercept    | 1012.9              | 308.4074199           | 3.284291929   | 0.046276149    | 31.40994593      | 1994.390054      | 31.40995          | 1994.39           |
| X Variable 1 | -0.5                | 0.152752523           | -3.273268354  | 0.046661882    | -0.986126703     | -0.0138733       | -0.98613          | -0.01387          |