

Supplemental Information - July 19, 2024
Project 24 – 014: SEMC-Peru Hospital Expansion
Justification of Medical/Surgical Beds planned at SEMC-Peru

The expansion plan at OSF Saint Elizabeth Medical Center-Peru includes the addition of 7 medical/surgical beds, increasing the medical/surgical bed count from 38 to 45. The permit application provides one methodology for forecasting utilization at SEMC-Peru based on the transfer of patient counts from SEMC-Ottawa to the expanded SEMC-Peru.

This paper presents a refinement of this methodology. It is based on the following assumptions:

1) the number of medical/surgical patients (710) admitted at St. Margaret’s Health-Peru in 2022 will be admitted at SEMC-Peru (source for 710: table, page 74, permit application 24-014);

2) the number of medical/surgical patients (954) admitted at St. Margaret’s Health-Spring Valley in 2022 will be admitted at SEMC-Peru (source for 954: page 74);

3) 832 patients admitted at SEMC-Ottawa and residing in 13 towns and cities in the LaSalle/Peru area will be admitted at the closer SEMC-Peru in the future. The following table shows the 13 zip codes where these 832 patients reside: 635 in LaSalle County and 197 in Bureau County. Each one of these towns is closer to Peru than to Ottawa, and the proximity to Peru compared to Ottawa will favor their utilization of SEMC-Peru in the future.

Patients from LaSalle/Peru area treated at SEMC-Ottawa (2023)
who will most likely receive care at SEMC-Peru

	Zip Code	Municipality	Inpatient Admissions & Observation Cases Medical/Surgical
LaSalle County	61354	Peru	180
	61301	LaSalle	214
	61348	Oglesby	85
	61342	Mendota	88
	61373	Utica	37
	61370	Tonica	31
Bureau County	61362	Spring Valley	71
	61356	Princeton	57
	61322	DePue	24
	61329	Ladd	19
	61330	LaMoille	11
	61379	Wyanet	7
	61368	Tiskilwa	8
Total			832

The above table was derived from and is consistent with the patient origin table on page 57 of permit application 24-014. That patient origin table counted all inpatient admissions. The patient counts in the above table in this paper are based on the fact that 50% of all inpatient admissions at SEMC-Ottawa were medical/surgical patients (source: SEMC-Ottawa AHQ 2023).

In total, these three sources sum to an estimated 2,496 patients. Using an average length of stay of 5.14 days (based on SEMC-Ottawa, year 2023), this volume is 12,829 patient days. 12,829 days is an average daily census of 35.1 patients. The census of 35.1 patients is 78.1% occupancy of 45 medical surgical beds, meeting the State standard of 75% for modernized medical/surgical units.

Conclusion: This set of calculations supports the case that the project at Peru stands on its own. It will not rely on residents from Ottawa, Marseilles, Seneca, Streater and many other communities which are closer to Ottawa and which will continue to be served by SEMC-Ottawa.

It also makes practical sense that patients living in communities closer to Peru than to Ottawa will continue to receive care closer to their homes, at SEMC-Peru.