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Identifying and Addressing a Gap in Coverage for the Trauma Service Line of a Community Hospital

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Purpose

To describe how the use of data and collaboration with an interprofessional team was able to justify the creation of additional staff resources for a diagnosis specific service line.

Method

- **Phase 1** data was collected for a three-month period (October, November, December) to illustrate the volume of trauma therapy consults requested, volume of completed evaluations, and volume of patients unable to be seen by each discipline with the staffing model at that time.
- **Phase 2** data was collected for a three-month period (May, June, July) after the addition of 1 full-time therapist for each discipline to the trauma service line to illustrate the volume of trauma therapy consults requested, volume of completed evaluations, volume of patients unable to be seen by each discipline, and the number of evaluations not addressed.

Results

- **Phase 1** data showed a daily average of Physical Therapy and Occupational Therapy evaluations requested was 6.4 and 6.5 respectively, with an average completion rate of 2.8 and 3.1 evaluations per day respectively, leaving an average of 3.6 and 3.5 evaluations unseen each day by each discipline.
- **Phase 2** data showed a daily average of Physical Therapy and Occupational Therapy evaluations requested was 6.6 and 6.6 respectively, with an average completion rate of 4.0 and 3.8 evaluations per day respectively, leaving an average of 2.8 and 3.1 unseen each day by each discipline, and an average of 0.7 and 1.0 unaddressed each day.

Conclusion/Clinical Relevance

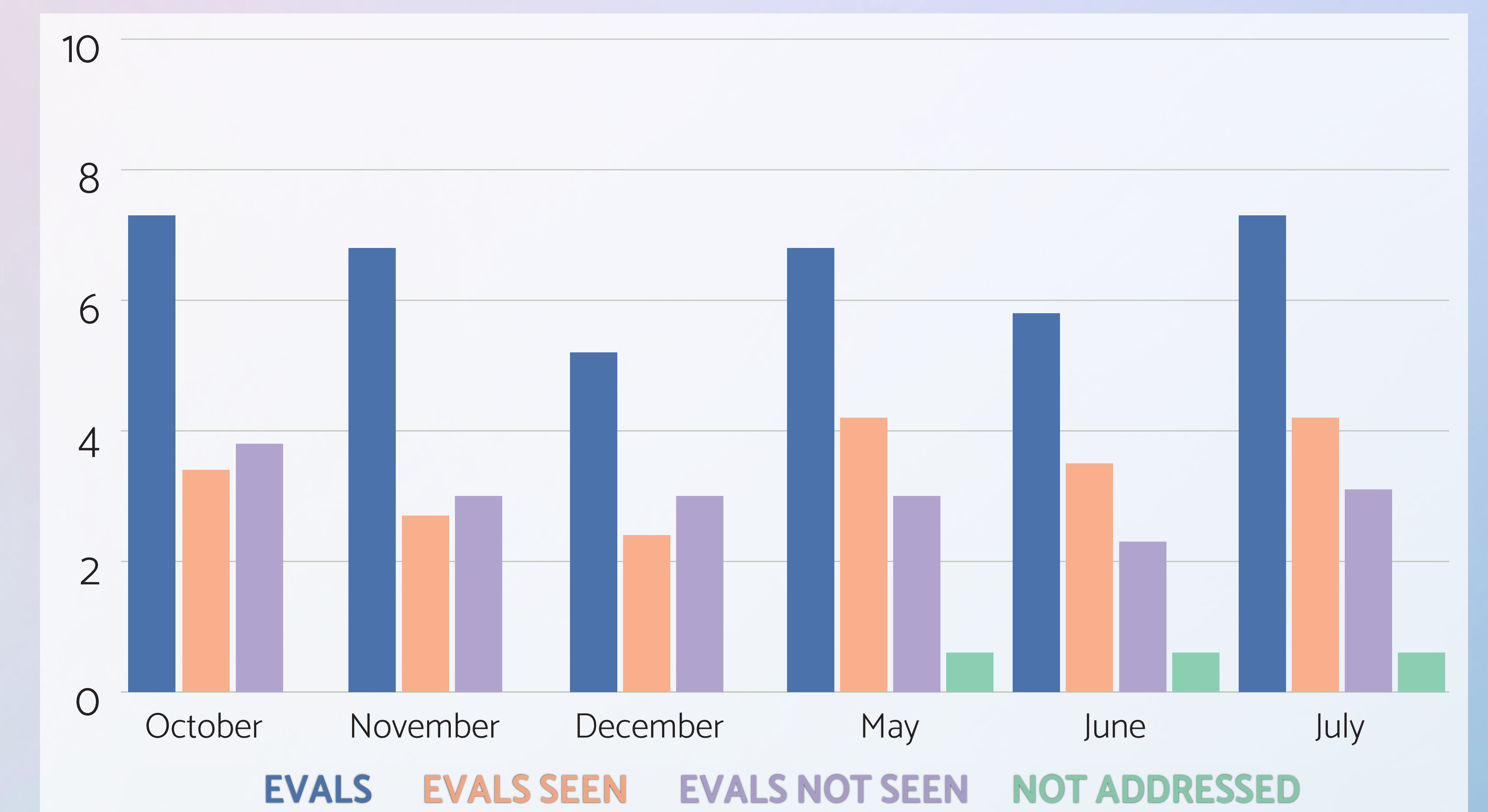
- Systematic analysis of data and collaborative presentation of needs resulted in improved patient access through the addition of new therapists.
- Successfully decreased the amount of unseen and unaddressed consults.
- After the addition of staff, Physical Therapy and Occupational Therapy disciplines were able to evaluate on average 1.1 and 0.8 more patients each day.

Month	PT Trauma Evals	PT Trauma Evals Seen Same Day	PT Trauma Evals Not Seen	Not Addressed
October	7.3	3.4	3.8	-
November	6.8	2.7	4.0	-
December	5.2	2.4	3.0	-
May	6.8	4.2	3.0	0.7
June	5.8	3.5	2.3	0.7
July	7.3	4.2	3.1	0.6
Phase 1	6.4	2.8	3.6	
Phase 2	6.6	4.0	2.8	0.7

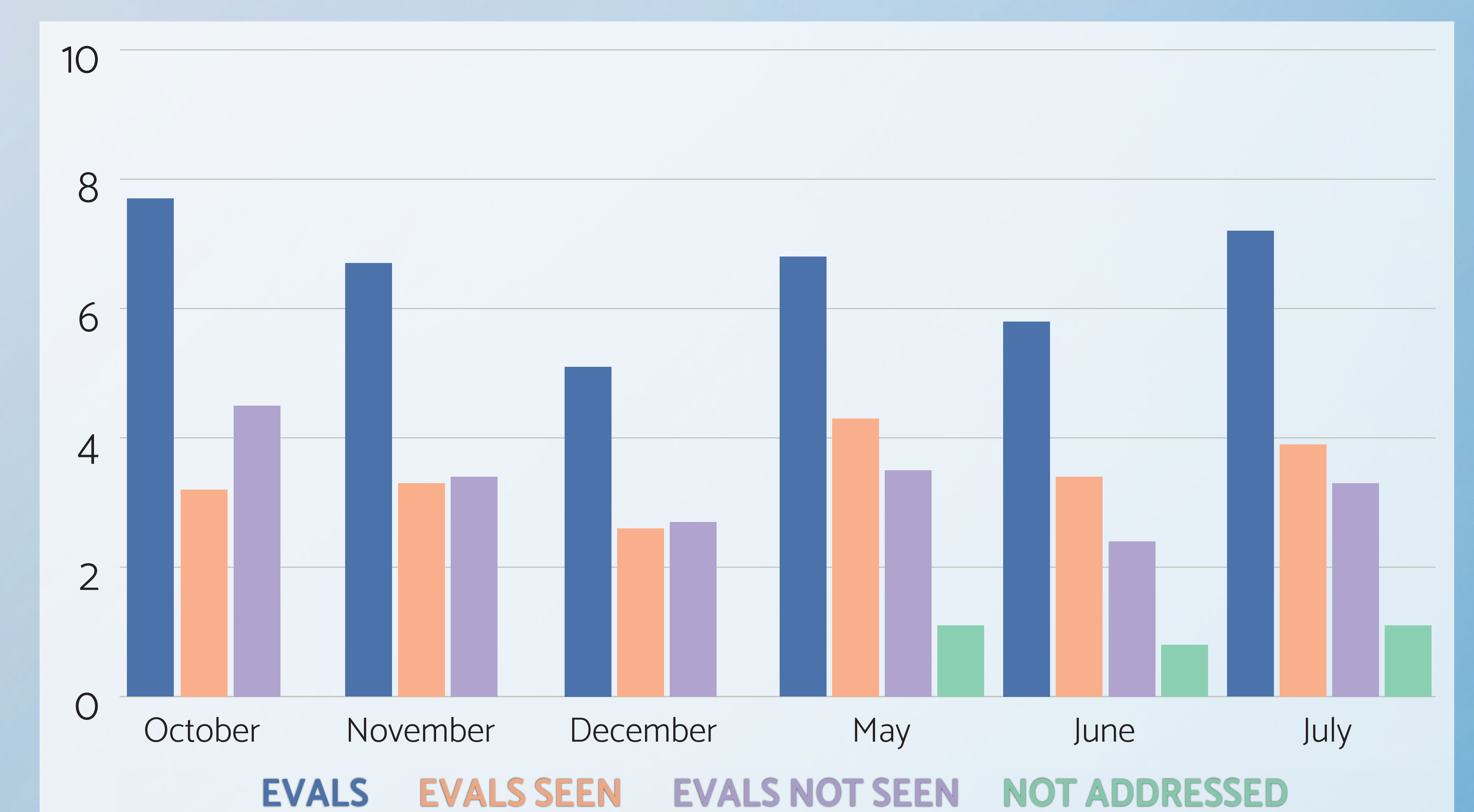
Month	OT Trauma Evals	OT Trauma Evals Seen Same Day	OT Trauma Evals Not Seen	Not Addressed
October	7.7	3.2	4.5	-
November	6.7	3.3	3.4	-
December	5.1	2.6	2.7	-
May	6.8	4.3	3.5	1.1
June	5.8	3.4	2.4	0.8
July	7.2	3.9	3.3	1.1
Phase 1	6.5	3.1	3.5	
Phase 2	6.6	3.8	3.1	1.0



PT Daily Average



OT Daily Average



REFERENCES

