

Canterbury Fire & Rescue

EMS Emergency Response Projection for Proposed Assisted Living/Memory Care Occupancy

This summary is provided for Canterbury, NH Planning Board review to estimate the potential EMS emergency response demand associated with a proposed 72-bed nursing home occupancy. The projection uses 2025 EMS response data from an existing comparable nursing home occupancy as a baseline.

Baseline Data

Epsom Manor nursing home, an existing 108-bed facility, requested EMS emergency response 150 times in 2025. This results in a baseline utilization rate of approximately 1.39 EMS emergency responses per licensed bed per year.

Projection Methodology

The projected EMS demand for the proposed nursing home was calculated by applying the 2025 baseline response rate from Epsom Manor to the proposed 72-bed occupancy. Using this method, the projected annual EMS emergency response volume is approximately 100 calls per year.

This projection assumes that resident acuity, staffing model, facility operations, and EMS request practices at the proposed facility would be generally comparable to those observed at the existing baseline facility.

Planning Board Comparison Summary

Facility / Occupancy	Beds	EMS Responses	Estimated Responses per Bed
Epsom Manor nursing home, 2025 actual data	108	150	1.39 per year
Proposed Canterbury assisted living/memory care, projected	72	100	1.39 per year

For planning purposes, the proposed 72-bed nursing home may reasonably be expected to generate approximately 100 EMS emergency responses annually, based on the 2025

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experience of a comparable 108-bed nursing home facility. This represents approximately two-thirds of the annual EMS response volume associated with Epsom Manor in 2025.

In 2025, the Canterbury Fire & Rescue responded to 351 emergency calls in town, fire, EMS and rescue. The projected impact, as previously detailed, will add 100 EMS calls to this total, a 28.5% increase in volume.

The Planning Board may wish to consider this projected call volume when evaluating public safety service impacts, EMS capacity, and coordination with local emergency response providers.

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