

November 2020

For the purposes of this PTS calculator:

- The data assumes 6.5 transactions per licensed, occupied bed (census) per day.
- A batching factor of 3 is assumed, meaning manual (courier) transport occurs when 3 or more specimens or medications are ready for delivery.
- A use factor of 100% is assumed for 251 weekdays the PTS is used.
- A use factor of 70% is assumed for 114 weekend days and holidays the PTS is used, when census numbers and procedure instances are lower than weekdays.
- Laboratory-related PTS dispatches account for 20% of use.
- Pharmacy-related PTS dispatches account for 15% of use.
- This ROI calculation assumes no PTS or other automated transport system is actively being used by the facility to transport materials.
- This calculator assumes 65% of PTS dispatches are empty carrier returns to the department of origination, nursing unit-related PTS dispatches, blood bank-related dispatches, and other types.