

Welcome to FAZSTATION

Submitting this properly, completed input sheet will faithfully implement material in Chapter 10 in Transit Cooperative Research Program Report 165's "Transit Capacity and Quality of Service Manual." Please read disclaimer below. Using FAZSTATION, one can design and operational analyze many station elements. One can determine some capacities that will provide sufficient emergency evacuations per National Fire Protection Association NFPA 130 Standard for Fixed Guideway Transit and Passenger Rail Systems.

For further information on a particular input variable, click its link on this form.

To load data from a previously saved session, [GO TO BOTTOM](#) to browse and load.

To return to main menu, [MENU](#).

To logout, [LOGOUT](#).

General Information

Analyst

Agency/Co.

Analysis Date

Station Information

Transit Line

Station Name

Station Number/Location

Comment

Inputs:

STATION ELEMENT

[Doorways](#)

[Ticket Vending Machines](#)

[Faregates](#)

[Walkways](#)

[Pedestrian Circulation Areas](#)

[Moving Walkways](#)

[Stairways](#)

[Escalators](#)

[Elevators/Lifts](#)

[Ramps](#)

DOORWAYS

[Target LOS](#)

[Number of free swinging doors](#) for subject direction, doors

[Door width](#), inches

[Number of revolving doors](#) for subject direction, doors

[Pedestrian demand](#) in subject direction, p/min

TICKET/CARD VENDING MACHINE

[Arriving passengers](#), p/h

[Proportion of arriving passengers purchasing a ticket/card](#), decimal

[Average transaction time](#), s/p

FAREGATES

[Faregate Type](#)

[Pedestrian demand](#) in subject direction, p/min

WALKWAYS

[Desired LOS](#)

[Buffer clearance width on one side](#), ft

[Pedestrian demand](#) in subject direction, p/min

PEDESTRIAN CIRCULATION AREAS

[Space available](#), ft²

[Analysis period](#), s

[Number of people involved in the activity](#), p

[Space required for the activity](#), ft²/p

[Time required for activity](#), s

MOVING WALKWAYS

[Pedestrian demand](#) in subject direction, p/min

[Tread Width](#)

STAIRWAYS

[Method](#)

[Bi-directional flow friction adjustment](#), decimal

[Arriving pedestrians](#), p

LOS Method

[Desired LOS](#)

[Pedestrian demand](#) in subject direction, p/min

[Minor, reverse-flow pedestrian volume present?](#)

Pedestrian Lanes Method

[Number of pedestrian lanes](#), ln

[Desired quality of service](#)

ESCALATORS

[Pedestrian demand](#) in subject direction, p/min

[Tread width type and speed](#), ft/min

ELEVATORS / LIFTS

[Total number of people](#), p

[Cab floor area](#), ft²

RAMPS

[Desired LOS](#)

[Buffer clearance width on one side](#), ft

[Pedestrian demand](#) in subject direction, p/min

[TOP](#)

SUBMIT

To calculate, press **SUBMIT** button.

Results appear at bottom of page.

To Save or Load Inputs For Later Usage:

NOTE: Save and load features may not work in some browsers. Enable JavaScript.

Filename to Save As:

Save Text to File

Select a File to Load:

Browse... No file selected.

Load Selected File

To return to main menu, [MENU](#).

To logout, [LOGOUT](#).

DISCLAIMER: FAZSTATION is a faithful implementation in that FAZSTATION produced values which corresponded very closely with Transit Cooperative Research Program Report 165, Transit Capacity and Quality of Service Manual, 3rd Edition, calculated values. FAZSTATION cannot guarantee 100% that other calculated values will produce accurate results. If the user suspects erroneous FAZSTATION results, the user should perform manual calculations. If discrepancies exist between FAZSTATION and manual calculations, the user should report such discrepancies to Fazio Engineerware.