

'23 MINUTES IS WALKING DISTANCE, UNLESS...' FACTORS DETERMINING WALKING TIME THRESHOLDS OF TWITTER USERS

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Mal 😰

Do you guys consider 23 minutes a walking distance?

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28 March – 7 July 2022 11,905 replies _____ n = 4,970





exercise without disability pace destination end friend shop half fast work long everywhere condition usual hot nice city transit train commute far things daily pedestrians driving place bus nothing short mile tine love body school need walkable home maybe outside live unless year people around somewhere safe absolutely groceries road want sidewalk within sure bad car consider definitely area bicycle good no person town able weather general nds flat day maximum anywhere carry easy others suburb rain difference think hour_{new} york shoes trip away who hill of course street regular probably store highway public lazy kilometers totally america new



Mode options & parking, 6.2%
Unable to walk, 6.1%
Ease of activity, 5.6%
Distance & pace, 2.2%
Age, 1.1%
Saves money, 0.7%

Subjective well-being, 3.0% Behavioral goals, 1.8% Health, 1.7% ■ Listening & playing, 1.4% Exploration & experience, 1.4%

%8.26 (Ibitnotenuo).

Weather conditions, 12.3%
Planning design & diversity elements, 5.4%
Topography, environment, & shade, 3.6%
Crime concerns, 3.1%
Urbanization, 2.9%
Traffic safety, noise, & pollution, 2.4%
Planning policy, 1.7%

Route familiarity & regularity, 9.7%
Time pressure, 6.1%
Trip purpose, 5.5%
City-contingent, 4.7%
Accompanying others, 2.6%
Carrying objects, 2.2%
Preparation, 1.6%
Intoxication level, 0.4%



EXTERNAL

(-) Weather conditions (p<0.001): 'If it's raining, no.'

(-) Planning diversity and design elements (p<0.001): 'No, but I live somewhere without good sidewalks.'

(-) Crime concerns (p<0.001): 'I need to walk one way for 15 minutes (...) and I'm scared, [so] I'm going to run.'

(-) Traffic safety, noise, and pollution (p<0.001): 'Too many pedestrians are hit and killed where I live. The frequency is unnerving and definitely makes walking here unappealing.'

CIRCUMSTANTIAL

(-) Route familiarity and regularity (p<0.001): 'If it was daily, I'd invest in a bike to lock and leave at the destination.'

(-) Time pressure (p<0.001): 'Depends if I am in a hurry or not. Anything under 5 minutes, I'd consider easy walking distance. Over 12 minutes, I'd check for buses.'

(-) Trip purpose (p<0.001): 'Walking distance to work or to pick up groceries? Absolutely not.'

(-) City-contingent (p=0.002): 'Am I in Tokyo? Sure. Am I in Oklahoma? No.'

CIRCUMSTANTIAL

(-) Accompanying others (p<0.001): 'By myself? Yes. With a wife and two kids? No.'

(-) Carrying objects (p<0.001): 'Under 30 [minutes] is waking distance unless you have to grab groceries or something. I'm definitely not hauling bags back that far.'

(-) Preparation (p=0.020): 'If I know [about the walk] ahead if time, and can plan my outfit and shoes and bag accordingly, I won't mind. If someone just unexpectedly throws a 23 minute walk at me, [I am] not happy about that at all.'

SUBJECTIVE

- (-) Subjective well-being (p=0.002): '[A 23-minute walk] seems generally unpleasant.'
- (-) Behavioral goals (p=0.002): 'Only when I feel productive.'
- (-) Health (p=0.010): 'It depends on my health that day.'

ACCESSIBILITY

(-) Mode options and parking (p<0.001): 'Not if I have a car or a bike and there is parking available.'

(-) Unable to walk (p<0.001): 'No because I have a physical disability.'

(-) Age (p=0.002): 'When I was 16, yes. Now, no way.'

(-) Saves money (p=0.005): 'Depends. With gas prices as they are, I might be easier to convince.'

(+) Distance and pace (p=0.009): 'Yes. It's not even 23 [minutes] if you walk fast.'

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EXTERNAL CIRCUMSTANTIAL SUBJECTIVE ACCESSIBILITY





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