

known / unknowns

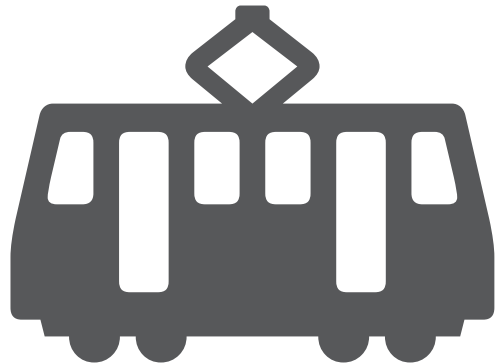


**one year aboard
the manchester
metrolink**

what the data
teaches us and
what it doesn't

St Peter's Square Deansgate - Castlefield Piccadilly Piccadilly Gardens Victoria Market Street Exchange Square Chorlton Cornbrook Altrincham Old Trafford Burton Road MediaCityUK Sale East Didsbury Exchange Quay Trafford Bar Bury Didsbury Village Shudehill Brooklands Stretford West Didsbury New Islington The Trafford Centre Navigation Road Whitefield Timperley Salford Quays Etihad Campus Wharfside Prestwich Firswood Heaton Park Harbour City Radcliffe St Werburgh's Road Manchester Airport Dane Road Ashton-under-Lyne Imperial War Museum Barlow Moor Road Withington Anchorage Barton Dock Road Shaw and Crompton Besses o' th' Barn Bowker Vale Crumpsall Velopark Derker Roundthorn Hollinwood Failsworth Parkway Oldham Mumps Edge Lane Pomona Eccles Northern Moor Oldham Central Central Park Rochdale Town Centre Newton Heath and Moston Sale Water Park Droylsden South Chadderton Oldham King Street Ladywell Wythenshawe Park Queens Road Weaste Freehold Ashton Moss Westwood Abraham Moss Langworthy Moor Road Wythenshawe Town Centre Audenshaw Milnrow Rochdale Railway Station Clayton Hall Kingsway Business Park Ashton West Village Cemetery Road Holt Town Martinscroft Baguley Benchill Newhey Shadowmoss Monsall Newbold Crossacres Peel Hall Broadway Robinswood Road St Peter's Square Deansgate - Castlefield Piccadilly Piccadilly Gardens Victoria Market Street Exchange Square Chorlton Cornbrook Altrincham Old Trafford Burton Road MediaCityUK Sale East Didsbury Exchange Quay Trafford Bar Bury Didsbury Village Shudehill Brooklands Stretford West Didsbury New Islington The Trafford Centre Navigation Road Whitefield Timperley Salford Quays Etihad Campus Wharfside Prestwich Firswood Heaton Park Harbour City Radcliffe St Werburgh's Road Manchester Airport Dane Road Ashton-under-Lyne Imperial War Museum Barlow Moor Road Withington Anchorage Barton Dock Road Shaw and Crompton Besses o' th' Barn Bowker Vale Crumpsall Velopark Derker Roundthorn Hollinwood Failsworth Parkway Oldham Mumps Edge Lane Pomona Eccles Northern Moor Oldham Central Central Park Rochdale Town Centre Newton Heath and Moston Sale Water Park Droylsden South Chadderton Oldham King Street Ladywell Wythenshawe Park Queens Road Weaste Freehold Ashton Moss Westwood Abraham Moss Langworthy Moor Road Wythenshawe Town Centre Audenshaw Milnrow Rochdale Railway Station Clayton Hall Kingsway Business Park Ashton West Village Cemetery Road Holt Town Martinscroft Baguley Benchill Newhey Shadowmoss Monsall Newbold Crossacres Peel Hall Broadway Robinswood Road St Peter's Square Deansgate - Castlefield Piccadilly Piccadilly Gardens Victoria Market Street Exchange Square Chorlton Cornbrook Altrincham Old Trafford Burton Road MediaCityUK Sale East Didsbury Exchange Quay Trafford Bar Bury Didsbury Village Shudehill Brooklands Stretford West Didsbury New Islington The Trafford Centre Navigation Road Whitefield Timperley Salford Quays Etihad Campus Wharfside Prestwich Firswood Heaton Park Harbour City Radcliffe St Werburgh's Road Manchester Airport Dane Road Ashton-under-Lyne Imperial War Museum Barlow Moor Road Withington Anchorage Barton Dock Road Shaw and Crompton Besses O' th' Barn Bowker Vale Crumpsall Velopark Derker Roundthorn Hollinwood Failsworth Parkway Oldham Mumps Edge Lane Pomona Eccles Northern Moor Oldham Central Central Park Rochdale Town Centre Newton Heath and Moston Sale Water Park Droylsden South Chadderton Oldham King Street Ladywell Wythenshawe Park Queens Road Weaste Freehold Ashton Moss Westwood Abraham Moss Langworthy Moor Road Wythenshawe Town Centre Audenshaw Milnrow Rochdale Railway Station Clayton Hall Kingsway Business Park Ashton West Village Cemetery Road Holt Town Martinscroft Baguley Benchill Newhey Shadowmoss Monsall Newbold Crossacres Peel Hall Broadway Robinswood Road

The next stop will be...



Every time someone travels on the Manchester Metrolink network, and pays via a contactless card, their journey is logged. This helps the system calculate the total cost of the trips they've made during the day, and charge them accordingly. But each of those trips also get collated into a dataset. And thanks to Britain's strangely accommodating Freedom of Information laws, the public get access to that data, and anyone so inclined can analyse the journeys that have been made. All **8,932,955** of them - every journey that anyone made during 2022. It's anonymised - we don't know the particular trips that any one individual made throughout the year - all we know is how often people made any one journey between two stops. Like how **15,124** people went from **Prestwich** to **Victoria**. Or how **14** people went from **Newbold** to **Cornbrook**. Or the **1** person who went from **Crossacres** to **Langworthy**. By analysing this data we can gain a unique insight into the collective mobility of the population of Greater Manchester. But, more than that, we gain a unique insight into the decisions behind something so personalised as someone's daily routine and habits.

We'll start off by examining what is **known** about the journeys made on the Metrolink; things that can be learned by analysing the data. And then in the second half, we'll look at what is **unknown**; the things that data can't teach us, about the people making those trips and why.

The next stop might well be St Peter's Square.

76,480 Chorlton to St Peter's Square

70,164 St Peter's Square to Chorlton

57,470 Burton Road to St Peter's Square

54,432 Altrincham to St Peter's Square

52,522 St Peter's Square to Burton Road

50,848 Cornbrook to St Peter's Square

48,448 St Peter's Square to Altrincham

47,786 East Didsbury to St Peter's Square

42,294 St Peter's Square to Cornbrook

42,231 St Peter's Square to East Didsbury

38,638 Old Trafford to St Peter's Square

38,525 Didsbury Village to St Peter's Square

The most common journey on the Metrolink is between **Chorlton** and **St Peter's Square**. Every day of the year, an average of **209** people make that journey, and another **192** people go the opposite way. All of the top twelve most common journeys on the network start or end at **St Peter's Square**.



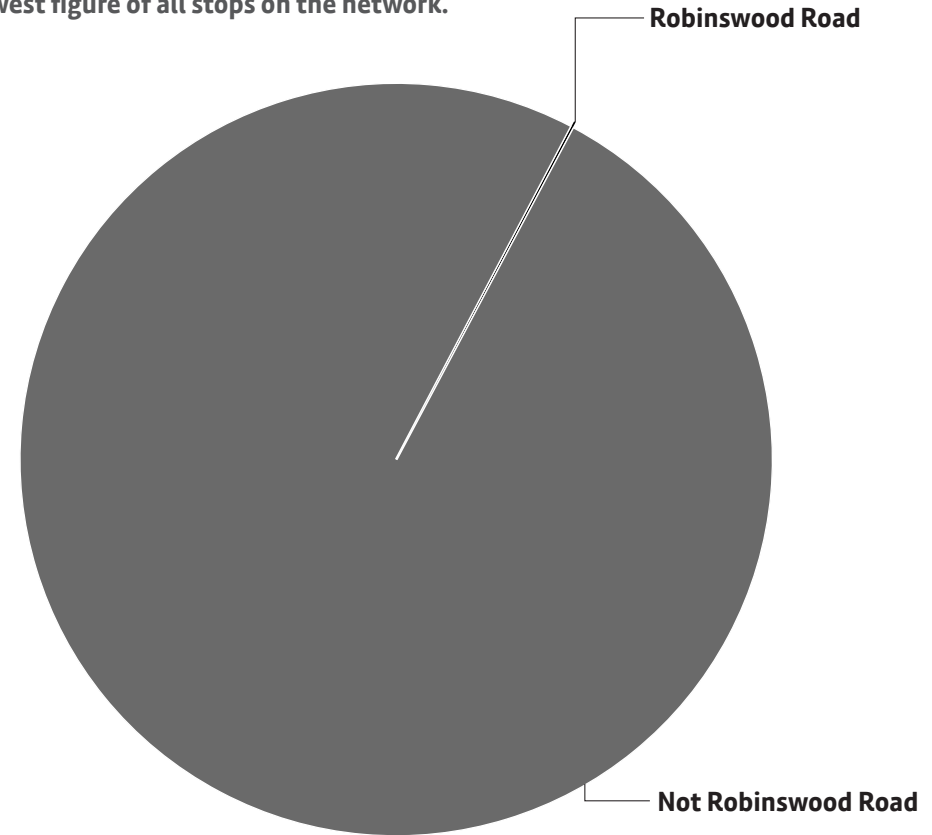
← This map shows where everyone who touched in at **St Peter's Square** went on to touch out. The larger circles represent the more popular destinations. These tend to be to the south of the city centre, including in **Chorlton** and **Didsbury Village**.

St Peter's Square is the busiest stop on the Metrolink. It's effectively the hub of the network - the two city crossings split to travel north from here, via either **Market Street** or **Exchange Square**. And to the south, it's where the busy corridor through Castlefield begins, with a tram every **40 seconds** on average passing through.

The
next stop
probably
won't be
Robinswood
Road.

0.074%

of journeys either start or end at Robinswood Road,
the lowest figure of all stops on the network.

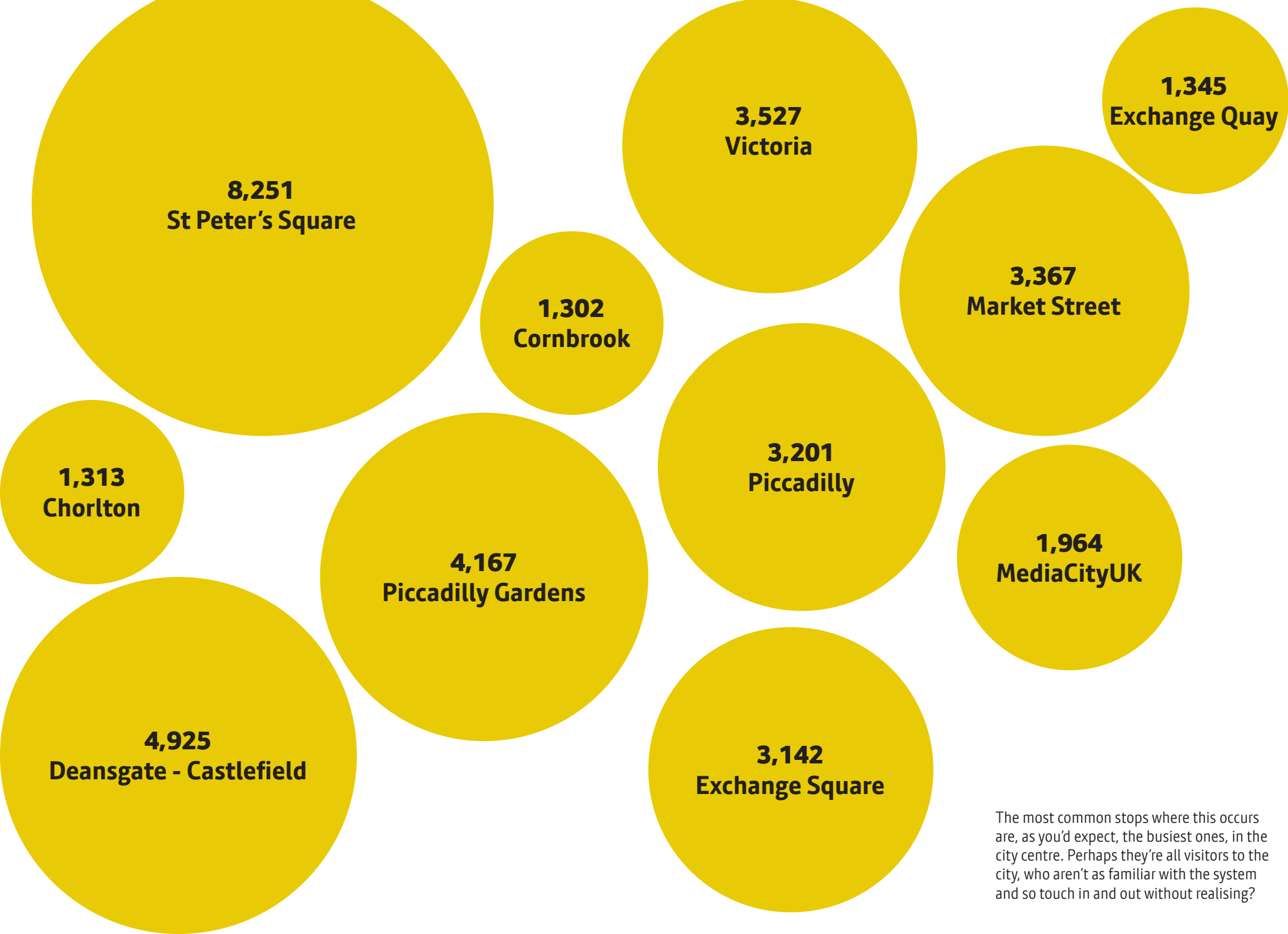


The least common station to touch in or out at is **Robinswood Road**. Each day, an average of just **17** people make a journey that starts or ends there. Is **Robinswood Road** in fact a hidden gem? Are the **24,473** people who make a journey every day to a different stop missing out? Will Robinswood Road eventually be spoken about in the same breath as Paris, New York, and Tokyo?

The
next stop
will be the
same as the
last stop,
but that'll
be £4.60
please.



One quirk of the tram payment system is that there's no gateline. Unlike the railways, there's just a single contactless reader that's used both at the start and the end of each journey. It's therefore possible to touch in and touch out at the same stop, an excursion which nets Metrolink the maximum fare of **£4.60** each time. That happens **64,727** times a year, totalling **£297,744** that Mancunians are overpaying thanks to their own forgetfulness.



The most common stops where this occurs are, as you'd expect, the busiest ones, in the city centre. Perhaps they're all visitors to the city, who aren't as familiar with the system and so touch in and out without realising?



Having public transport connections like the Metrolink built is proven to improve the prosperity of an area. And house prices too, with properties within **500 metres** of a tram stop said to be worth **4.6%** more. But it'd be wrong to suggest that every area the tram passes through is as cosmopolitan as the middle-class hotspots of **Didsbury** or **Chorlton**. And going by the contactless journeys data, those stops in the posher areas have many times more people using them. That isn't reflected in how people actually use the trams though - other lines are just as busy. It's fair to assume therefore that the lines out towards **Ashton** or **Eccles** must just have more pensioners travelling free, more passengers paying using cash, or just loads of people not bothering to pay. **Quantitative datasets can't tell you the whole story of what's really about human behaviour.**

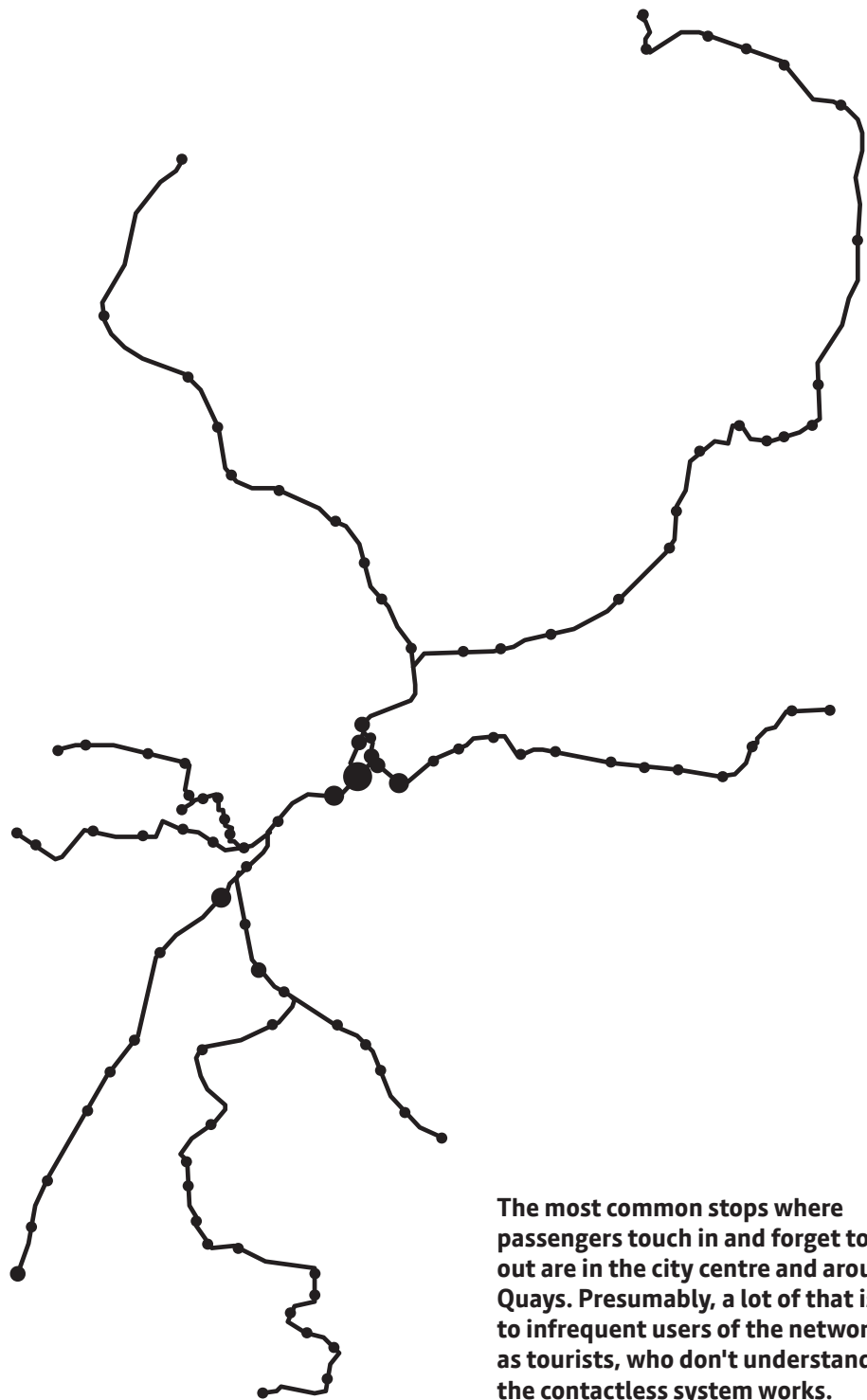
The next stop could inflate your house price by up to 4.6%.*

***probably**

St Peter's Square	72,516
Deansgate - Castlefield	41,808
Piccadilly	37,547
Old Trafford	36,955
Piccadilly Gardens	35,883
Victoria	34,468
Market Street	25,766
Altrincham	25,430
Chorlton	22,182
Exchange Square	22,170
Cornbrook	21,528
Bury	19,584
Etihad Campus	16,948
Burton Road	15,841
Trafford Bar	13,562
Sale	13,491
MediaCityUK	12,786
East Didsbury	11,990

**The
next stop
is a mystery.**

Because of the lack of gatelines on the system, it's easy to forget to touch out. And every year, **796,995** people start a journey and fail to end it. We know where they touched in, but where they ended up remains unknown...



The most common stops where passengers touch in and forget to touch out are in the city centre and around the Quays. Presumably, a lot of that is down to infrequent users of the network such as tourists, who don't understand how the contactless system works.



Railway connections at **Piccadilly** and **Victoria** are also among the most popular stations where passengers who don't touch in began their journey, clocking up **37,547** and **34,468** instances respectively. That's over 70,000 people who've already shelled out for an extortionate train fare, now getting overcharged for the last bit of their trip. That must hurt.

The most common stop where passengers touch in and go on to fail to touch out is **St Peter's Square**, where **72,516** passengers began a journey to a location that remains a mystery.

The stops with the highest proportions of passengers failing to touch out are near football grounds. **19.3%** of passengers who touched in at **Etihad Campus** didn't complete their journey, along with **16.2%** of visitors to **Old Trafford**. One nil to United?

Congratulations of the passengers of **Withington**, who are among the least likely to forget to touch out. Just **6.5%** of those who touch in there don't make a complete journey, compared to an average of **8.9%** across the network. Well done Withingtonians, you're a credit to your city.

1098 passengers

Market Street

Piccadilly Gardens

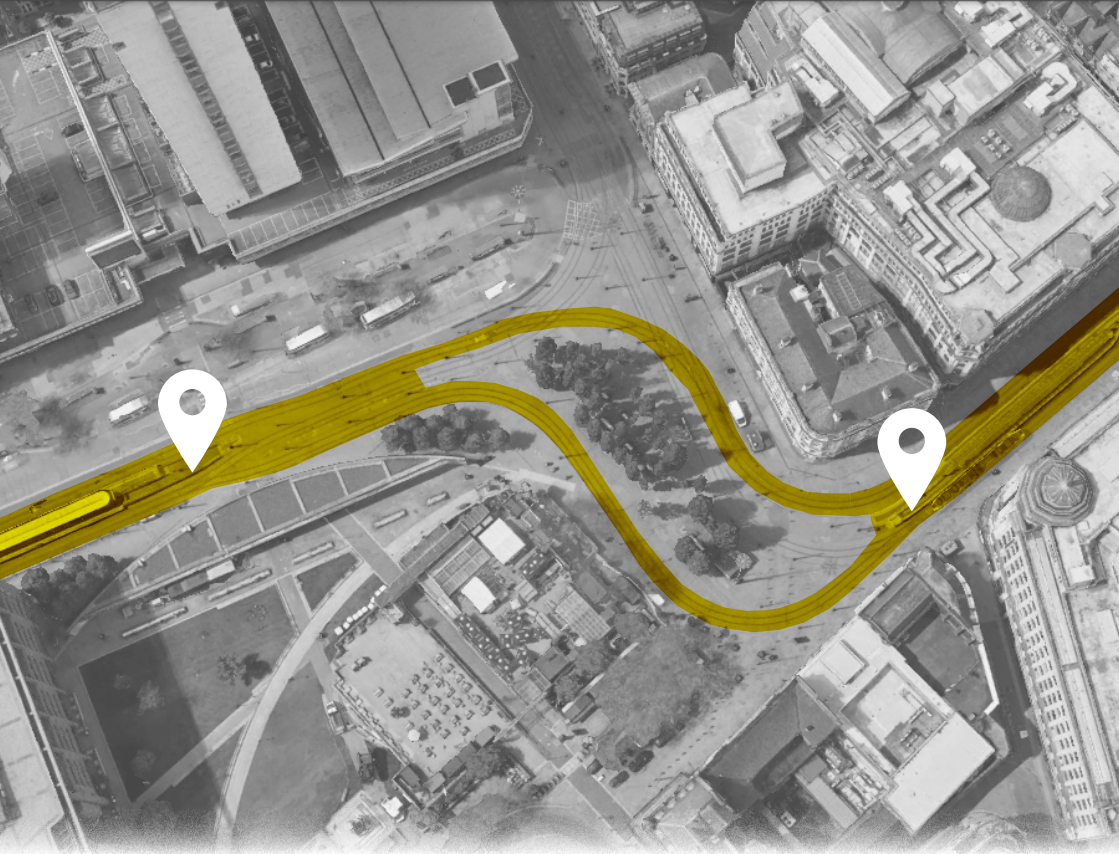
902 passengers

Piccadilly Gardens

Market Street

Two of the closest stops on the network are **Market Street** and **Piccadilly Gardens**, which are just **142m** from each other. They're located on two arms of the junction after **St Peter's Square**, so not many trams call at both. One of the lines does, however, so there's a tram every twelve minutes between the two stops. And each day, **5.47** people make the journey between **Piccadilly Gardens** and **Market Street** or vice versa. Who are these people? They'd be waiting an average of six minutes for the tram to turn up; you could walk the journey three times in that time. Indeed, there are only a handful of destinations between the two stops that the tram would take you closer to - from the front door of Primark, to the back door of Primark.

The
next stop
will be just
142 metres
from the
previous
stop.



Attention tram passengers

Are YOU one of the 2000 people each year who gets the tram between **Piccadilly Gardens** and **Market Street**?

- Why?
- Who are you?
- Are you lost?
- Have you got money to burn?

Please call our confidential helpline today to explain yourself. We want to know.

Perhaps some of these **2000** people are tourists who don't realise their destination is just round the corner from where were already stood. They could all be people who'd struggle to walk the distance or who had mobility impairments, but they get free travel anyway so wouldn't be paying contactless. Or maybe there was a sudden downpour, and **2000** people had to take refuge beneath the canopy at **Market Street**, and decided that getting the tram around the corner would give their paper Primark bags less chance of disintegrating all over the pavement.

Market Street - Piccadilly Gardens
Passengers' Advice Hotline
0161 496 0735
All calls are confidential and are treated in the strictest confidence. We just want to know why you voluntarily paid £1.40 to travel less than 30 seconds. Lines are open from 06:00 - 20:00, seven days a week. We look forward to your call.

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The next stop will be unique.



Queens Road to Kingsway Business Park

A devout royalist that wishes the Metrolink could be a little bit more regal?

Broadway to Imperial War Museum

Someone who works in the Broadway Industrial Estate wanted to learn more about the Blitz, but didn't know they could just walk over the bridge to get there.

Oldham Mumps to Cemetery Road

Somebody wanted to find the North's most morbid day out? Next stop, Bolton Measles?

Ashton Moss to Abraham Moss

Perhaps they just really like moss.

Etihad Campus to Monsall

A football fan who prefers to travel all the way into town and back out again instead of just getting the bus half a mile up the road.

Manchester Airport to Kingsway Business Park

Someone who's flown in for a disappointing business meeting in a warehouse by the M62.

Newhey to Parkway

A poet wanted to make sure at least one line on the spreadsheet rhymed. Thanks.

Abraham Moss to Ashton Moss
Abraham Moss to Milnrow
Abraham Moss to Peel Hall
Abraham Moss to Robinswood Road
Abraham Moss to Rochdale Railway Station
Abraham Moss to Weaste
Ashton Moss to Baguley
Ashton Moss to Barlow Moor Road
Ashton Moss to Benchill
Ashton Moss to Besses O' th' Barn
Ashton Moss to Bowker Vale
Ashton Moss to Crosscres
Ashton Moss to Derker
Ashton Moss to Freehold
Ashton Moss to Kingsway Business Park
Ashton Moss to Martinscroft
Ashton Moss to Milnrow
Ashton Moss to Monsall
Ashton Moss to Newbold
Ashton Moss to Newhey
Ashton Moss to Oldham Central
Ashton Moss to Oldham King Street
Ashton Moss to Peel Hall
Ashton Moss to Rochdale Railway Station
Ashton Moss to St Werburgh's Road
Ashton Moss to Westwood
Ashton Moss to Wythenshawe Park
Ashton West to Crosscres
Ashton West to Dane Road
Ashton West to Derker
Ashton West to Freehold
Ashton West to Martinscroft
Ashton West to Milnrow
Ashton West to Newbold
Ashton West to Oldham Central
Ashton West to Parkway
Ashton West to Peel Hall
Ashton West to Queens Road
Ashton West to Robinswood Road
Ashton West to Rochdale Railway Station
Ashton West to Rochdale Town Centre
Ashton West to Sale Water Park
Ashton West to Shadowmoss
Ashton West to Shaw and Crompton
Ashton West to Westwood
Ashton-under-Lyne to Milnrow
Ashton-under-Lyne to Newbold
Ashton-under-Lyne to Oldham King Street
Ashton-under-Lyne to Rochdale Railway Station
Audenshaw to Baguley
Audenshaw to Benchill
Audenshaw to Central Park
Audenshaw to Crosscres
Audenshaw to Derker
Audenshaw to Milnrow
Audenshaw to Monsall
Audenshaw to Moor Road
Audenshaw to Newhey
Audenshaw to Robinswood Road
Audenshaw to Rochdale Railway Station
Audenshaw to Shadowmoss
Audenshaw to Village
Audenshaw to Westwood
Baguley to Ashton Moss
Baguley to Audenshaw
Baguley to Besses O' th' Barn
Baguley to Broadway
Baguley to Freehold
Baguley to Milnrow
Baguley to Newhey
Baguley to Prestwich
Baguley to Rochdale Railway Station
Baguley to Timperley
Barlow Moor Road to Cemetery Road
Barlow Moor Road to Derker
Barlow Moor Road to Milnrow
Barlow Moor Road to Newhey
Benchill to Ashton Moss
Benchill to Broadway
Benchill to Cemetery Road
Benchill to Kingsway Business Park
Benchill to Newbold
Benchill to Newhey
Benchill to Oldham Pumps
Benchill to Pomona
Benchill to Rochdale Railway Station
Benchill to Shaw and Crompton
Benchill to Westwood
Besses O' th' Barn to Baguley
Besses O' th' Barn to Crosscres
Besses O' th' Barn to Derker
Besses O' th' Barn to Monsall
Besses O' th' Barn to Newbold
Besses O' th' Barn to Newhey
Besses O' th' Barn to Rochdale Railway Station
Besses O' th' Barn to Shadowmoss
Bowker Vale to Baguley
Bowker Vale to Crosscres
Bowker Vale to Derker
Bowker Vale to Kingsway Business Park
Bowker Vale to Milnrow
Bowker Vale to Newbold
Bowker Vale to Peel Hall
Bowker Vale to Robinswood Road
Bowker Vale to South Chadderton
Broadway to Abraham Moss
Broadway to Baguley
Broadway to Holt Town
Broadway to Kingsway Business Park
Broadway to Martinscroft
Broadway to Monsall
Broadway to Newhey
Broadway to Oldham Central
Broadway to Robinswood Road
Broadway to Rochdale Railway Station
Broadway to Rochdale Town Centre
Broadway to Village
Broadway to Westwood
Brooklands to Kingsway Business Park
Brooklands to Newbold
Burton Road to Robinswood Road
Cemetery Road to Abraham Moss
Cemetery Road to Central Park
Cemetery Road to Crosscres
Cemetery Road to Dane Road
Cemetery Road to Derker
Cemetery Road to Failsworth
Cemetery Road to Hollinwood
Cemetery Road to Imperial War Museum
Cemetery Road to Kingsway Business Park
Cemetery Road to Milnrow
Cemetery Road to Monsall
Cemetery Road to Moor Road
Cemetery Road to Navigation Road
Cemetery Road to Newbold
Cemetery Road to Newhey
Cemetery Road to Newton Heath and Moston
Cemetery Road to Oldham King Street
Cemetery Road to Parkway
Cemetery Road to Peel Hall
Cemetery Road to Robinswood Road
Cemetery Road to South Chadderton
Cemetery Road to Westwood
Central Park to Audenshaw
Central Park to Benchill
Central Park to Cemetery Road
Central Park to Crosscres
Central Park to Droydsden
Central Park to Edge Lane

Central Park to Holt Town
Clayton Hall to Hollinwood
Clayton Hall to Milnrow
Clayton Hall to Moor Road
Clayton Hall to Newhey
Clayton Hall to Oldham King Street
Clayton Hall to Peel Hall
Clayton Hall to Robinswood Road
Clayton Hall to Shadowmoss
Clayton Hall to South Chadderton
Clayton Hall to St Werburgh's Road
Clayton Hall to Westwood
Crosscres to Ashton Moss
Crosscres to Ashton West
Crosscres to Audenshaw
Crosscres to Besses O' th' Barn
Crosscres to Cemetery Road
Crosscres to Derker
Crosscres to Droydsden
Crosscres to Edge Lane
Crosscres to Hollinwood
Crosscres to Kingsway Business Park
Crosscres to Milnrow
Crosscres to Monsall
Crosscres to Newbold
Crosscres to Newhey
Crosscres to Oldham Central
Crosscres to Oldham King Street
Crosscres to Oldham Pumps
Crosscres to Rochdale Railway Station
Crosscres to Shaw and Crompton
Crosscres to St Werburgh's Road
Crumpsall to Robinswood Road
Crumpsall to Weaste
Dane Road to Baguley
Dane Road to Cemetery Road
Dane Road to Kingsway Business Park
Dane Road to Newbold
Dane Road to Peel Hall
Derker to Ashton Moss
Derker to Audenshaw
Derker to Baguley
Derker to Barlow Moor Road
Derker to Benchill
Derker to Cemetery Road
Derker to Clayton Hall
Derker to Droydsden
Derker to Martinscroft
Derker to Robinswood Road
Derker to Shadowmoss
Derker to Wythenshawe Town Centre
Didsbury Village to Robinswood Road
Droydsden to Central Park
Droydsden to Crosscres
Droydsden to Dane Road
Droydsden to Derker
Droydsden to Milnrow
Droydsden to Newbold
Droydsden to Newhey
Droydsden to Oldham Central
Droydsden to Oldham King Street
Droydsden to Oldham Pumps
Droydsden to Peel Hall
Droydsden to Robinswood Road
Droydsden to Rochdale Town Centre
Droydsden to Shadowmoss
Eccles to Newbold
Eccles to Robinswood Road
Edge Lane to Crosscres
Edge Lane to Derker
Edge Lane to Freehold
Edge Lane to Newbold
Edge Lane to Newhey
Edge Lane to Oldham King Street
Edge Lane to Peel Hall
Edge Lane to Robinswood Road
Edge Lane to South Chadderton
Failsworth to Clayton Hall
Failsworth to Holt Town
Failsworth to Robinswood Road
Firswood to Kingsway Business Park
Freehold to Ashton Moss
Freehold to Ashton West
Freehold to Besses O' th' Barn
Freehold to Broadway
Freehold to Martinscroft
Freehold to Weaste
Heaton Park to Crosscres
Heaton Park to Kingsway Business Park
Hollinwood to Newbold
Hollinwood to Barlow Moor Road
Hollinwood to Clayton Hall
Hollinwood to Crosscres
Hollinwood to Queens Road
Hollinwood to Robinswood Road
Hollinwood to Shadowmoss
Hollinwood to Weaste
Hollinwood to Wythenshawe Park
Holt Town to Baguley
Holt Town to Derker
Holt Town to Monsall
Holt Town to Newbold
Holt Town to Newton Heath and Moston
Holt Town to Rochdale Railway Station
Holt Town to South Chadderton
Imperial War Museum to Cemetery Road
Kingsway Business Park to Ashton Moss
Kingsway Business Park to Benchill
Kingsway Business Park to Bowker Vale
Kingsway Business Park to Cemetery Road
Kingsway Business Park to Crosscres
Kingsway Business Park to Dane Road
Kingsway Business Park to Droydsden
Kingsway Business Park to Eccles
Kingsway Business Park to Firswood
Kingsway Business Park to Heaton Park
Kingsway Business Park to Peel Hall
Kingsway Business Park to Whitfield
Kingsway Business Park to Wythenshawe
Kingsway Business Park to Wythenshawe Town Centre
Ladywell to Freehold
Ladywell to Kingsway Business Park
Ladywell to Newhey
Langworthy to Peel Hall
Langworthy to Oldham King Street
Langworthy to Shadowmoss
Martinscroft to Ashton Moss
Martinscroft to Ashton West
Martinscroft to Audenshaw
Martinscroft to Derker
Martinscroft to Hollinwood
Martinscroft to Holt Town
Martinscroft to Kingsway Business Park
Martinscroft to Milnrow

Martinscroft to Newbold
Martinscroft to Newhey
Martinscroft to Oldham King Street
Martinscroft to Radcliffe
Martinscroft to Rochdale Railway Station
Martinscroft to Rochdale Town Centre
Milnrow to Ashton-under-Lyne
Milnrow to Baguley
Milnrow to Bowker Vale
Milnrow to Cemetery Road
Milnrow to Crosscres
Milnrow to Droydsden
Milnrow to Ladywell
Milnrow to Martinscroft
Milnrow to Moor Road
Milnrow to Northern Moor
Milnrow to Peel Hall
Milnrow to Queens Road
Milnrow to Radcliffe
Milnrow to Robinswood Road
Milnrow to Shadowmoss
Milnrow to Weaste
Milnrow to Wythenshawe Park
Monsall to Ashton Moss
Monsall to Ashton West
Monsall to Audenshaw
Monsall to Besses O' th' Barn
Monsall to Clayton Hall
Monsall to Crosscres
Monsall to Moor Road
Monsall to Peel Hall
Monsall to Wythenshawe Park
Moor Road to Ashton West
Moor Road to Cemetery Road
Moor Road to Freehold
Moor Road to Milnrow
Moor Road to Monsall
Moor Road to Newbold
Moor Road to Newhey
Navigation Road to Cemetery Road
Navigation Road to Newhey
Navigation Road to Robinswood Road
Newbold to Ashton Moss
Newbold to Ashton West
Newbold to Ashton-under-Lyne
Newbold to Benchill
Newbold to Besses O' th' Barn
Newbold to Bowker Vale
Newbold to Brooklands
Newbold to Cemetery Road
Newbold to Crosscres
Newbold to Dane Road
Newbold to Heaton Park
Newbold to Holt Town
Newbold to Ladywell
Newbold to Langworthy
Newbold to Martinscroft
Newbold to Moor Road
Newbold to New Islington
Newbold to Northern Moor
Newbold to Peel Hall
Newbold to Radcliffe
Newbold to Robinswood Road
Newbold to Sale Water Park
Newbold to St Werburgh's Road
Newbold to Stretford
Newbold to Wythenshawe Town Centre
Newhey to Abraham Moss
Newhey to Ancoats
Newhey to Ashton Moss
Newhey to Ashton West
Newhey to Audenshaw
Newhey to Baguley
Newhey to Barlow Moor Road
Newhey to Benchill
Newhey to Bowker Vale
Newhey to Broadway
Newhey to Cemetery Road
Newhey to Clayton Hall
Newhey to Crosscres
Newhey to Droydsden
Newhey to Edge Lane
Newhey to Ladywell
Newhey to Martinscroft
Newhey to Moor Road
Newhey to Navigation Road
Newhey to Northern Moor
Newhey to Peel Hall
Newhey to Robinswood Road
Newhey to Shadowmoss
Newhey to Whitfield
Newhey to Wythenshawe Park
Newton Heath and Moston to Cemetery Road
Newton Heath and Moston to Clayton Hall
Northern Moor to Kingsway Business Park
Northern Moor to Milnrow
Northern Moor to Newbold
Northern Moor to Newhey
Northern Moor to South Chadderton
Northern Moor to Whitfield
Oldham Central to Ashton Moss
Oldham Central to Audenshaw
Oldham Central to Dane Road
Oldham Central to Robinswood Road
Oldham King Street to Ashton Moss
Oldham King Street to Ashton West
Oldham King Street to Audenshaw
Oldham King Street to Broadway
Oldham King Street to Cemetery Road
Oldham King Street to Crosscres
Oldham King Street to Martinscroft
Oldham King Street to Robinswood Road
Oldham Pumps to Ashton Moss
Oldham Pumps to Audenshaw
Oldham Pumps to Broadway
Oldham Pumps to Crosscres
Oldham Pumps to Droydsden
Parkway to Baguley
Parkway to Broadway
Parkway to Kingsway Business Park
Parkway to Newhey
Peel Hall to Ashton Moss
Peel Hall to Ashton West
Peel Hall to Bowker Vale
Peel Hall to Broadway
Peel Hall to Droydsden
Peel Hall to Edge Lane
Peel Hall to Failsworth
Peel Hall to Kingsway Business Park
Peel Hall to Milnrow
Peel Hall to Newhey
Peel Hall to Pomona
Peel Hall to Rochdale Town Centre
Peel Hall to Velopark
Peel Hall to Weaste
Pomona to Baguley
Pomona to Benchill
Pomona to Kingsway Business Park
Pomona to Robinswood Road
Pomona to Shadowmoss
Prestwich to Crosscres
Prestwich to Kingsway Business Park
Prestwich to Robinswood Road
Queens Road to Newbold
Queens Road to Shadowmoss

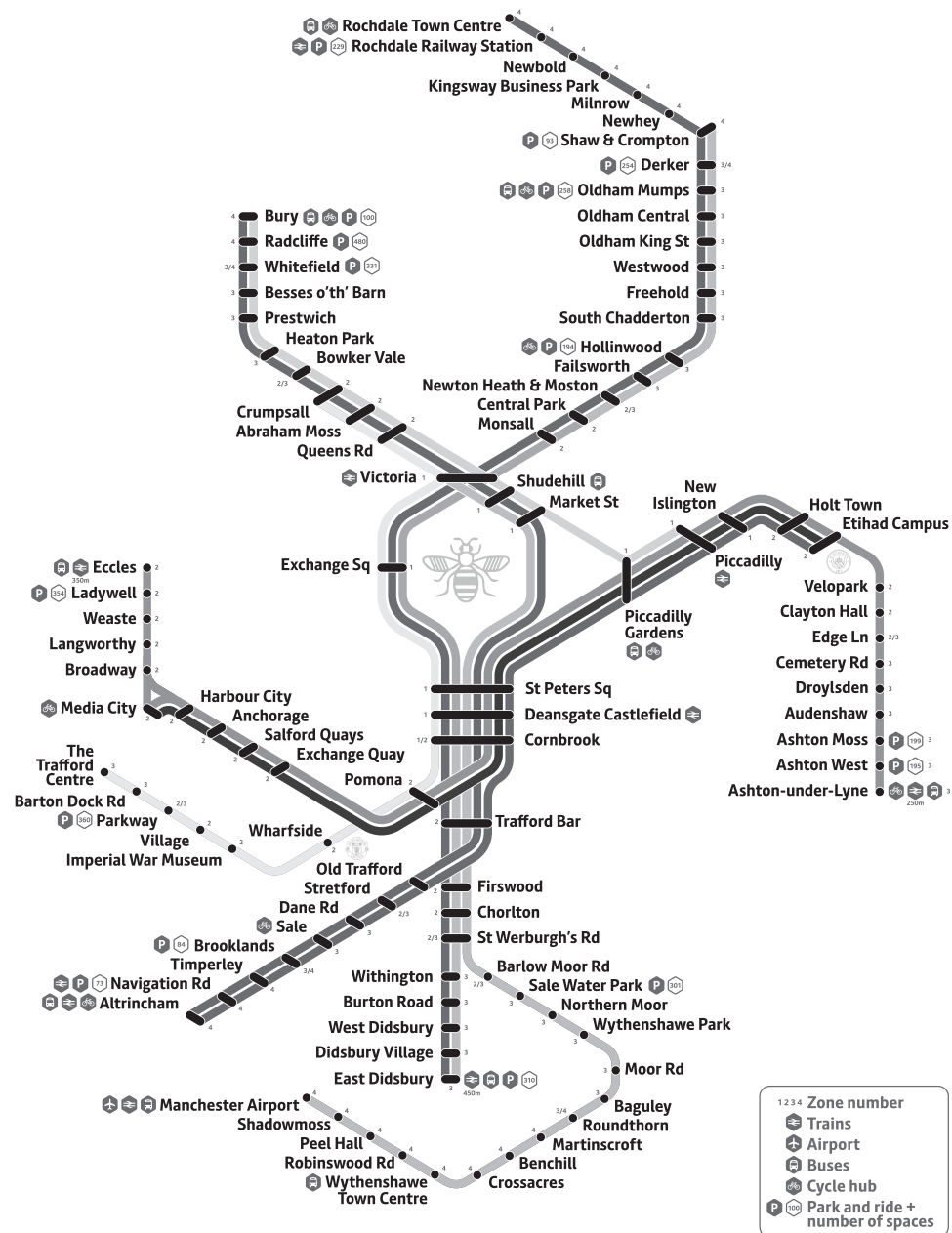
Radcliffe to Baguley
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Radcliffe to Milnrow
Radcliffe to Newbold
Radcliffe to Robinswood Road
Radcliffe to Rochdale Railway Station
Robinswood Road to Ashton Moss
Robinswood Road to Audenshaw
Robinswood Road to Bowker Vale
Robinswood Road to Central Park
Robinswood Road to Clayton Hall
Robinswood Road to Derker
Robinswood Road to Droydsden
Robinswood Road to Edge Lane
Robinswood Road to Failsworth
Robinswood Road to Heaton Park
Robinswood Road to Holt Town
Robinswood Road to Kingsway Business Park
Robinswood Road to Milnrow
Robinswood Road to Monsall
Robinswood Road to Newbold
Robinswood Road to Newhey
Robinswood Road to Oldham Central
Robinswood Road to Oldham King Street
Robinswood Road to Queens Road
Robinswood Road to Radcliffe
Robinswood Road to Rochdale Railway Station
Robinswood Road to Rochdale Town Centre
Robinswood Road to Shaw and Crompton
Robinswood Road to Stretford
Robinswood Road to Timperley
Robinswood Road to Weaste
Robinswood Road to Westwood
Robinswood Road to Whitfield
Rochdale Railway Station to Abraham Moss
Rochdale Railway Station to Ashton Moss
Rochdale Railway Station to Audenshaw
Rochdale Railway Station to Benchill
Rochdale Railway Station to Baguley
Rochdale Railway Station to Cemetery Road
Rochdale Railway Station to Crosscres
Rochdale Railway Station to Droydsden
Rochdale Railway Station to Edge Lane
Rochdale Railway Station to Newton City
Rochdale Railway Station to Holt Town
Rochdale Railway Station to Martinscroft
Rochdale Railway Station to Peel Hall
Rochdale Railway Station to Sale Water Park
Rochdale Railway Station to Velopark
Rochdale Railway Station to Weaste
Rochdale Town Centre to Broadway
Rochdale Town Centre to Droydsden
Rochdale Town Centre to Martinscroft
Rochdale Town Centre to Robinswood Road
Rochdale Town Centre to Shadowmoss
Rochdale Town Centre to Wythenshawe Town Centre
Roundthorn to Newbold
Sale Water Park to Ashton West
Sale Water Park to Audenshaw
Sale Water Park to Cemetery Road
Sale Water Park to Newbold
Sale Water Park to Newhey
Sale Water Park to Rochdale Railway Station
Shadowmoss to Ashton West
Shadowmoss to Audenshaw
Shadowmoss to Besses O' th' Barn
Shadowmoss to Clayton Hall
Shadowmoss to Dane Road
Shadowmoss to Hollinwood
Shadowmoss to Holt Town
Shadowmoss to Kingsway Business Park
Shadowmoss to Navigation Road
Shadowmoss to Newbold
Shadowmoss to Newhey
Shadowmoss to Oldham King Street
Shadowmoss to Pomona
Shadowmoss to Rochdale Town Centre
Shadowmoss to Velopark
Shaw and Crompton to Ashton West
Shaw and Crompton to Besses O' th' Barn
Shaw and Crompton to Cemetery Road
Shaw and Crompton to Clayton Hall
Shaw and Crompton to Crosscres
Shaw and Crompton to Ladywell
Shaw and Crompton to Martinscroft
Shaw and Crompton to Robinswood Road
South Chadderton to Newbold
South Chadderton to Baguley
South Chadderton to Cemetery Road
South Chadderton to Crosscres
South Chadderton to Queens Road
South Chadderton to Robinswood Road
South Chadderton to Wythenshawe Park
St Werburgh's Road to Kingsway Business Park
Stretford to Robinswood Road
Timperley to Robinswood Road
Velopark to Baguley
Velopark to Milnrow
Velopark to Newhey
Velopark to Peel Hall
Velopark to Rochdale Railway Station
Velopark to Rochdale Town Centre
Velopark to Shadowmoss
Village to Baguley
Village to Shadowmoss
Weaste to Bowker Vale
Weaste to Freehold
Weaste to Milnrow
Weaste to Newbold
Weaste to Oldham Pumps
Weaste to Queens Road
Weaste to Robinswood Road
Weaste to Rochdale Railway Station
Weaste to Shaw and Crompton
West Didsbury to Robinswood Road
Westwood to Ashton Moss
Westwood to Ashton West
Westwood to Ashton-under-Lyne
Westwood to Benchill
Westwood to Clayton Hall
Westwood to Holt Town
Westwood to Robinswood Road
Westwood to Shadowmoss
Whitfield to Crosscres
Whitfield to Kingsway Business Park
Whitfield to Martinscroft
Whitfield to Newbold
Whitfield to Robinswood Road
Whittington to Ashton Moss
Whittington to Newhey
Wythenshawe Park to Cemetery Road
Wythenshawe Park to Kingsway Business Park
Wythenshawe Park to Monsall
Wythenshawe Park to Newbold
Wythenshawe Park to Newhey
Wythenshawe Town Centre to Ashton Moss
Wythenshawe Town Centre to Audenshaw
Wythenshawe Town Centre to Cemetery Road
Wythenshawe Town Centre to Clayton Hall
Wythenshawe Town Centre to Derker
Wythenshawe Town Centre to Kingsway Business Park
Wythenshawe Town Centre to Milnrow
Wythenshawe Town Centre to Newbold
Wythenshawe Town Centre to Newhey
Wythenshawe Town Centre to Rochdale Railway Station
Wythenshawe Town Centre to Westwood

The
next stop
was never...

There are **602** combinations of stations on the network where nobody ever made a journey between the two. Most of these are between residential areas on opposite ends of the city, where there would be very few reasons for people to make those trips. The least used stop on the network, **Robinswood Road**, is also the one with the most journeys to and from that were never made, with **28** missing destinations. The stop closest to the city centre that has any missing journeys is **Pomona**, which has nine trips that haven't been made. The stations at the end of the East Manchester line, **Ashton Moss** and **Ashton West**, appear **75** times in this list, being two quite isolated stations with park and ride facilities that are mostly used by those travelling into town. If you fancy a trip out this weekend, why not make one of these journeys? You'll be able to pick yourself out on next years' spreadsheet and tell all your friends...

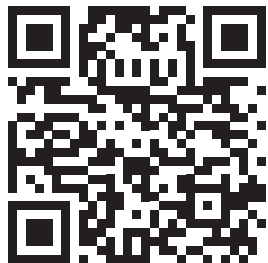


Manchester Metrolink map



The next stop could be...

99 stops.
8,932,955 journeys made and analysed.
602 possible journeys that were never made.
Where next?



Explore more insights into
your local tram stop online.

First of all, this publication couldn't have been possible without **the people of Greater Manchester**. We're lucky to have a half-decent mass transit system, so thanks to everyone who uses it and provides something for this project to analyse.

Thanks must also go to the **staff of Transport for Greater Manchester**, firstly for running the network and letting people make those journeys, but also to those who compiled and released this dataset. Even if converting it from an awkward PDF was an arduous task. We love you, TfGM.

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OpenStreetMap contributors

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