

Tram Passenger Survey

Autumn 2014



Contents

1	Foreword	3
2	Key findings	4
3	Research objective and methodology	8
4	Journey satisfaction	10
5	Tram usage	36
6	Passenger and journey details	42
7	Appendices	
	Appendix 1 Network details Appendix 2 Example of typical questionnaire	50 54



Foreword

We are delighted that Passenger Focus has been able to work successfully with operators and authorities to undertake our Tram Passenger Survey for a second year.

The information in this survey can be used to make a real and positive difference to the service that passengers experience.

As part of our programme of tram passenger satisfaction research we surveyed passengers in six network areas including, for the first time, Edinburgh Trams. Overall we asked 4,962 passengers about the tram journey they had just made.

It is good to report overall passenger satisfaction running at 90 per cent again across the surveyed areas and with high levels of very satisfied passengers in Edinburgh, Blackpool and Nottingham. Passengers' rating of value for money of their journey was again very good across the networks at 61 per cent. There has also been a slight increase in satisfaction with punctuality and crowding which reflects investment in new trams by networks such as Metrolink and Midland Metro, but these remain key issues for tram passengers in all areas, as does the way that operators handle delays when they occur.

Passenger Focus has presented these findings to the operators and transport authorities covered by the survey to identify shortcomings and push the industry to develop action plans to address areas of passenger dissatisfaction. We are also beginning to make crossmodal comparisons with bus and rail passengers from our other satisfaction surveys.

We are grateful for the co-operation of the six networks covered by the survey, especially Edinburgh Trams for funding their participation, and Transport for Greater Manchester (TfGM), Centro (West Midlands) and Blackpool Transport for contributing to the funding, thus enabling us to seek the views of more passengers on those networks.

Hallinsell

Jeff Halliwell

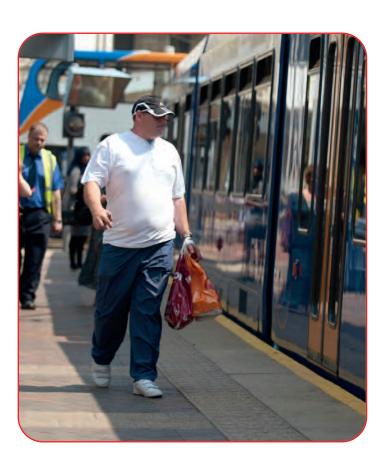
Chair

Passenger Focus

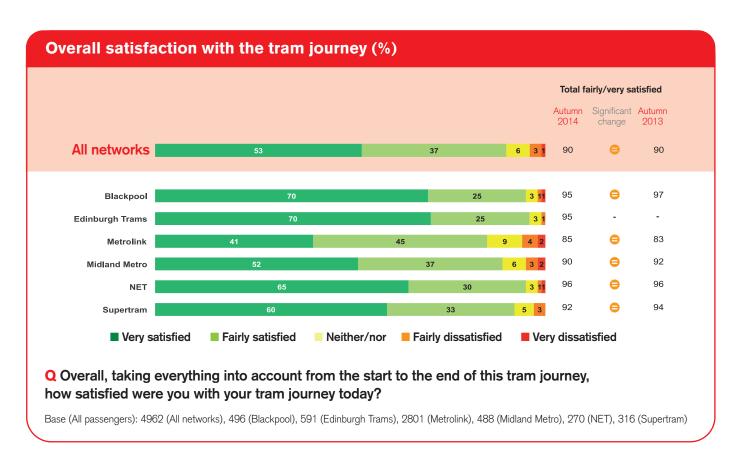
Key findings

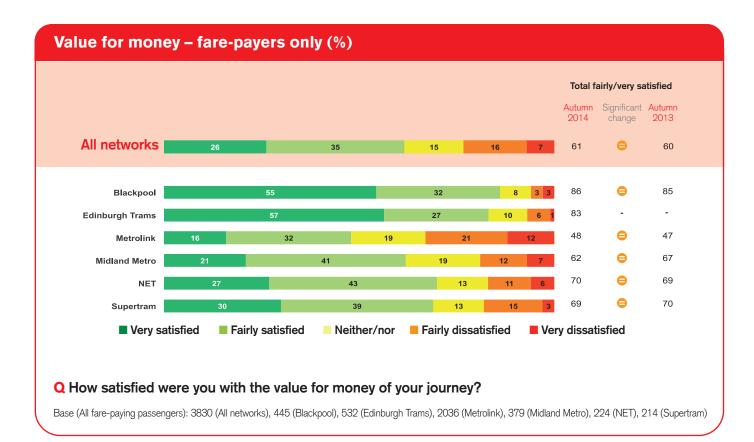
- Across all five networks, overall satisfaction with the tram journey remains at the high levels seen in 2013 (90 per cent)
 - This compares favourably to the same measure from Autumn 2014 on the National Rail Passenger Survey (81 per cent) and the Bus Passenger Survey (88 per cent)
 - The Manchester Metrolink is rated less well than other networks, but has seen significant improvements in overall satisfaction among commuters, since 2013
 - The newest network, in Edinburgh, has among the highest levels of satisfaction, at 95 per cent
- Amongst fare-paying passengers 61 per cent were satisfied with the value for money of their journey, compared to 46 per cent for rail passengers and 63 per cent for bus passengers in Autumn 2014
- When evaluating whether their journey represented value for money, the distance travelled by tram and/or the cost of making the same journey on other forms of transport were the main criteria used to make this evaluation. Amongst those who were not satisfied with value for money, the cost of using the tram compared to other modes was the main reason and has increased significantly since 2013

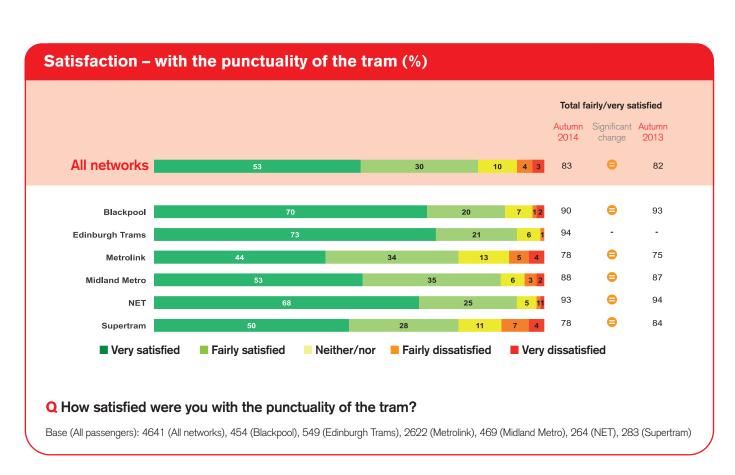
- 83 per cent of tram passengers were satisfied with the punctuality of the specific tram service on the day of interview, although 9 per cent did experience some delay to their journey. This was slightly higher than average for Metrolink (13 per cent) and lowest in Nottingham (2 per cent), Blackpool (3 per cent) and Edinburgh (3 per cent)
- Although the reasons for delays varied by network, planned engineering works had increased this year, particularly for Metrolink (where 22 per cent of delayed passengers reported planned works) and Midland Metro (21 per cent) (See individual network reports for details of the work that was taking place during the survey fieldwork)
- When evaluating trams generally, almost eight in ten passengers (79 per cent) were satisfied with the punctuality of the service, a significant increase compared to 2013 (driven by improved opinions of Metrolink, and the inclusion of Edinburgh Trams which is rated highly)
- Satisfaction with the **frequency** of trams has also increased, although not significantly
- Although overall journey satisfaction was high, 35 per cent of tram passengers did spontaneously suggest some improvements

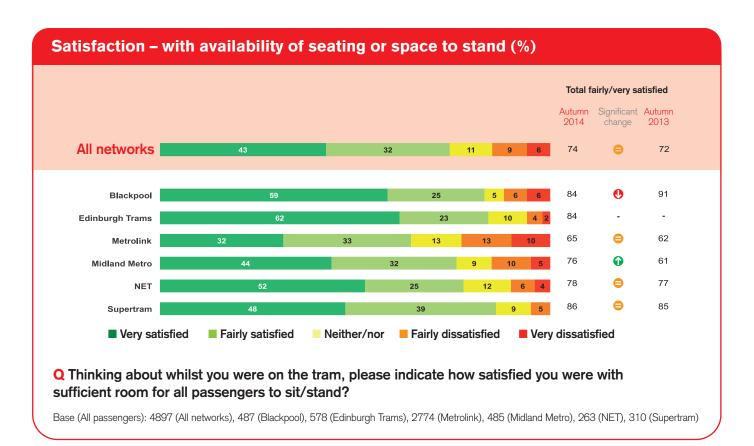


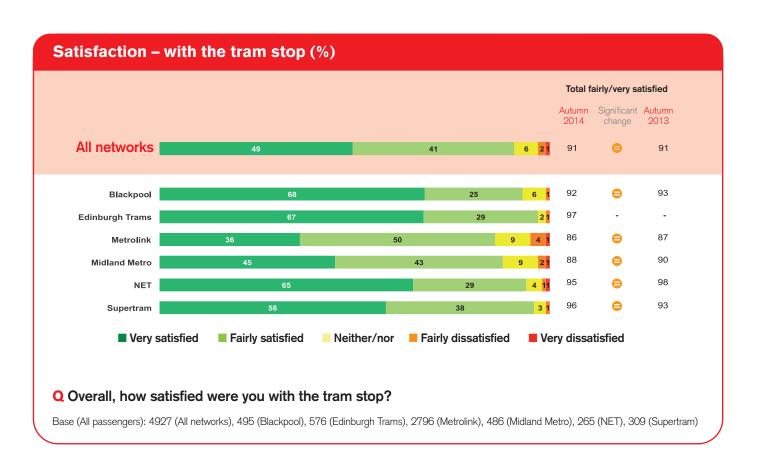
- that could be made to their journey. These mainly concerned crowding issues which were especially mentioned by passengers on the Metrolink network in Manchester
- Other improvements spontaneously mentioned across the different tram networks were: more reliable services/fewer delays, improvements to the interior of the tram (e.g. more seating) and cheaper tickets
- Only 5 per cent of passengers were troubled by anti-social behaviour of others, a significant decrease compared to 2013. Other passengers being rowdy was the most likely cause of concern
- The profile of tram passengers was quite young: a third were aged 16 to 25 years (this is very similar to 2013).
 This was true for all networks except Blackpool which had an older profile
- Half of passengers were using the tram to get to/from either work (40 per cent) or school/college (10 per cent)
- Given the age profile and journey purpose of travellers, only 14 per cent were travelling on an elderly person's (60+) concessionary pass. The respective figure for bus passengers was 24 per cent in Autumn 2014











Research objective

To measure tram passenger journey satisfaction for six tram networks in Britain:

- Blackpool
- Edinburgh Trams
- Manchester Metrolink not including the Airport line which opened in November 2014
- Midland Metro (Birmingham/Wolverhampton)
- Nottingham Express Transit (NET)
- Sheffield Supertram.

A detailed report for each individual tram network is also available.

This report shows statistically significant differences compared to the Tram Passenger Survey Autumn 2013 wave. Some of these significant differences can be explained by changes to the tram networks since the 2013 fieldwork. These include:

- The opening of the Edinburgh Trams network
- A switch from conductors to ticket vending machines on Nottingham Express Transit
- Introduction of new trams on the Manchester Metrolink and Midland Metro networks, providing greater capacity (including more double trams in Manchester) and an enhanced experience
- Withdrawal of the national concession in Blackpool
- Significant recent or ongoing engineering works in Manchester, Birmingham/Wolverhampton and Sheffield.

Blackpool Transport, Transport for Greater Manchester (Manchester Metrolink) and Centro (Midland Metro) contributed funding to the research to allow for a larger, more robust sample to be undertaken on their networks. Edinburgh Trams covered the full cost of the research on their network (this being outside the statutory remit of Passenger Focus).

Waiver

Passenger Focus has taken care to ensure that the information contained in TPS is correct. However, no warranty, express or implied, is given as to its accuracy and Passenger Focus does not accept any liability for error or omission.

Passenger Focus is not responsible for how the information is used, how it is interpreted or what reliance is placed on it. Passenger Focus does not guarantee that the information contained in TPS is fit for any particular purpose.

Methodology

Fieldwork

Fieldwork: 10 September to 27 November 2014. In 2013 fieldwork took place between 28 October and 15 December

Interviewer shifts: covered all days of the week and ran from 6am to 10pm. Each interviewer worked a three-hour shift

Method: choice of either paper questionnaire or online self-completion questionnaire

Sample size:

- Blackpool: 502 interviews (339 paper and 163 online)
- **Edinburgh Trams:** 596 interviews (531 paper and 65 online)
- Manchester Metrolink: 2,824 interviews (1,753 paper and 1,071 online)
- **Midland Metro:** 503 interviews (376 paper and 127 online)
- Nottingham Express Transit (NET):
 272 interviews (154 paper and 118 online)
- **Sheffield Supertram:** 317 interviews (228 paper and 89 online).

Research agency: BDRC Continental



Data analysis

Base definitions

All charts are based on those who gave an answer to an individual question. Those who either left the question blank or said 'don't know' have been excluded from the base. For this reason the base sizes for those charts based on 'All passengers' vary slightly between the different charts in this report.

Autumn 2013 comparison: this report shows results from Autumn 2013 at the 'All networks' level only. Full 2013 comparisons for each network can be found in the individual network reports. Edinburgh Trams was not included in TPS in 2013 and so an Autumn 2013 comparison is not included in this report. As the 'All networks' results for 2014 include the Edinburgh Trams network but the 2013 results did not, some significant changes at the 'All networks' level may be explained by this difference. Significant changes are shown at the 95% confidence level. (1) eyellow symbols are used throughout this report to indicate positive or negative significant changes.

Weighting

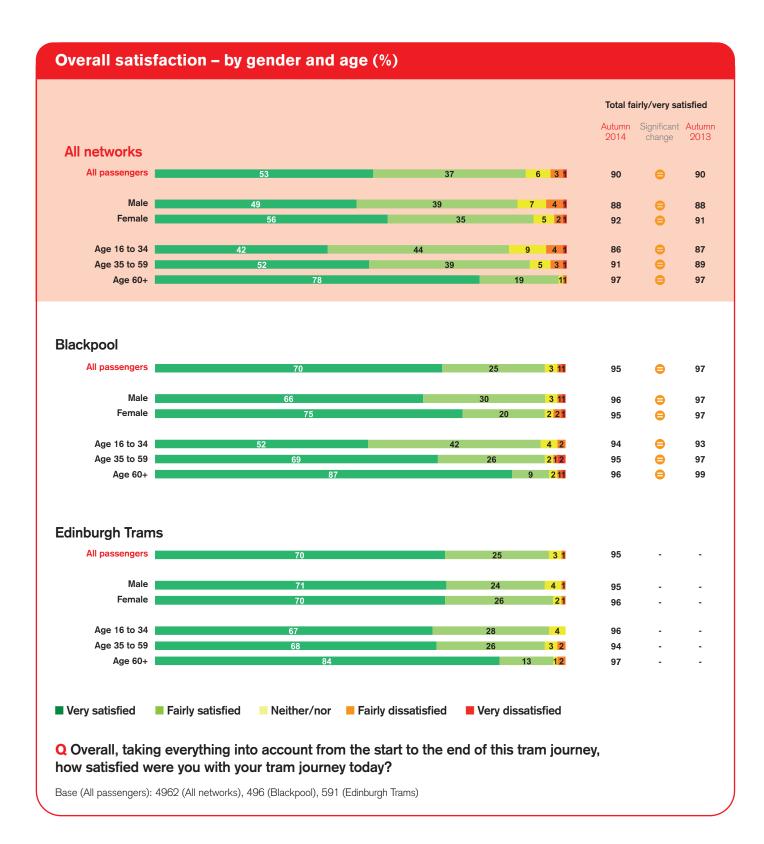
This was based on passenger count information collected by the interviewer during each interviewer shift. The weighting matrix used the following weighting cells:

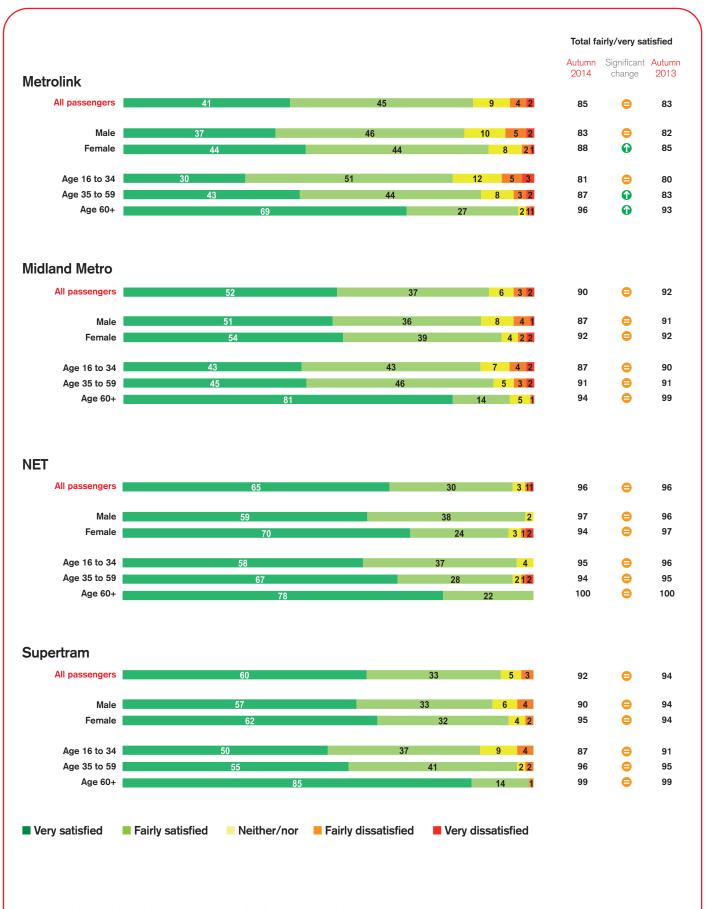
- Tram network: (for Manchester Metrolink and Sheffield Supertram this was by line)
- Age: 16-25, 26-59, 60+
- Gender: male, female
- Time/day travelled: weekday peak, weekday off peak and weekend.

A rim weight by volume of passengers using each network was also applied. This was sourced from Department for Transport (DfT) data for Blackpool, Midland Metro, NET and Sheffield Supertram. No DfT data exists for Edinburgh Trams so an estimate of passenger numbers for 2014 was used. Data for Metrolink was sourced from Transport for Greater Manchester (TfGM) statistics which provided passenger volume data for their six lines.

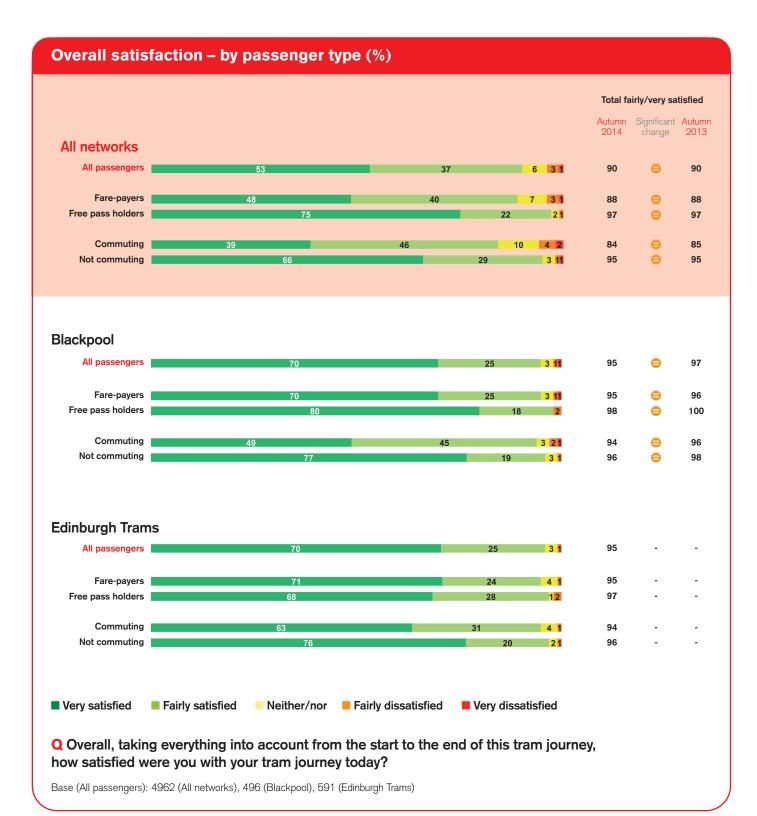
The full details of the weighting matrix can be found in the TPS Autumn 2014 technical report.

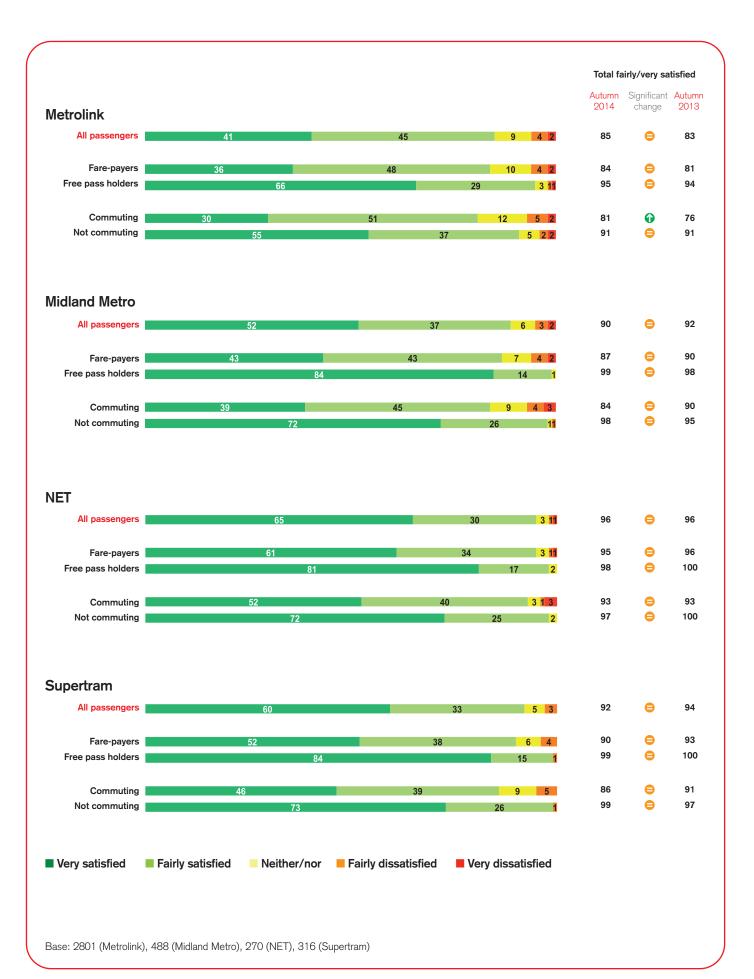
Journey satisfaction

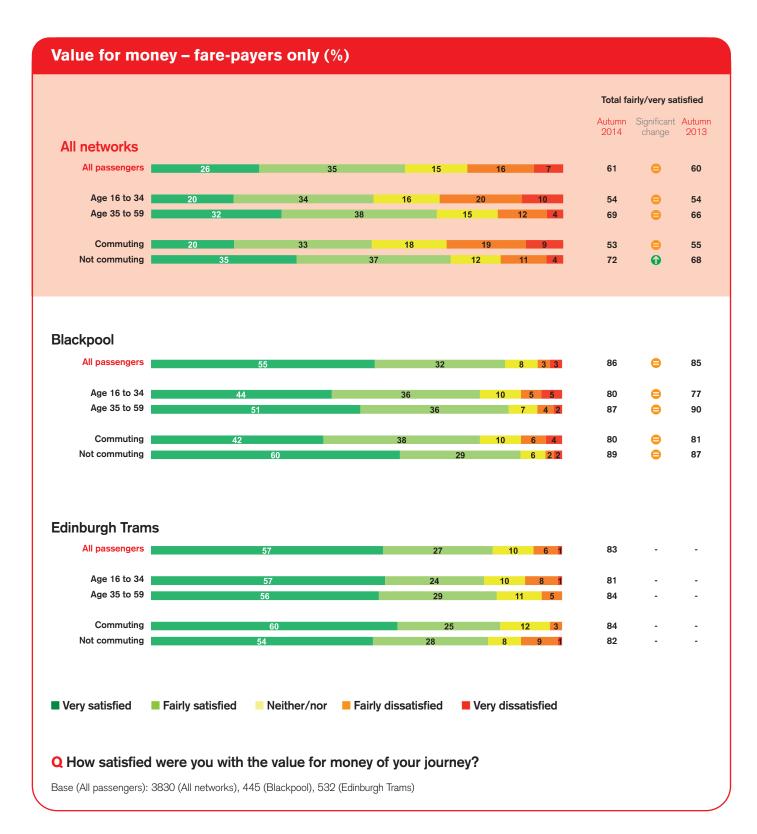




Base: 2801 (Metrolink), 488 (Midland Metro), 270 (NET), 316 (Supertram)

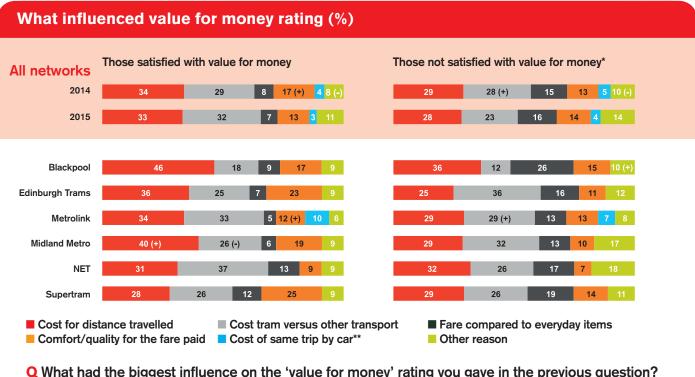






Total fairly/very satisfied AutumnSignificantAutumn2014change2013 Metrolink All passengers 48 47 Age 16 to 34 39 40 Age 35 to 59 61 0 55 Commuting 42 41 Not commuting 59 57 **Midland Metro** All passengers 62 67 Age 16 to 34 59 65 Age 35 to 59 69 65 Commuting 58 65 Not commuting 74 70 **NET** All passengers 70 69 Age 16 to 34 65 65 Age 35 to 59 70 Commuting 69 64 Not commuting 71 76 Supertram All passengers 70 Age 16 to 34 66 63 Age 35 to 59 75 81 Commuting 60 67 Not commuting 84 74 ■ Very satisfied Fairly satisfied ■ Neither/nor ■ Fairly dissatisfied ■ Very dissatisfied

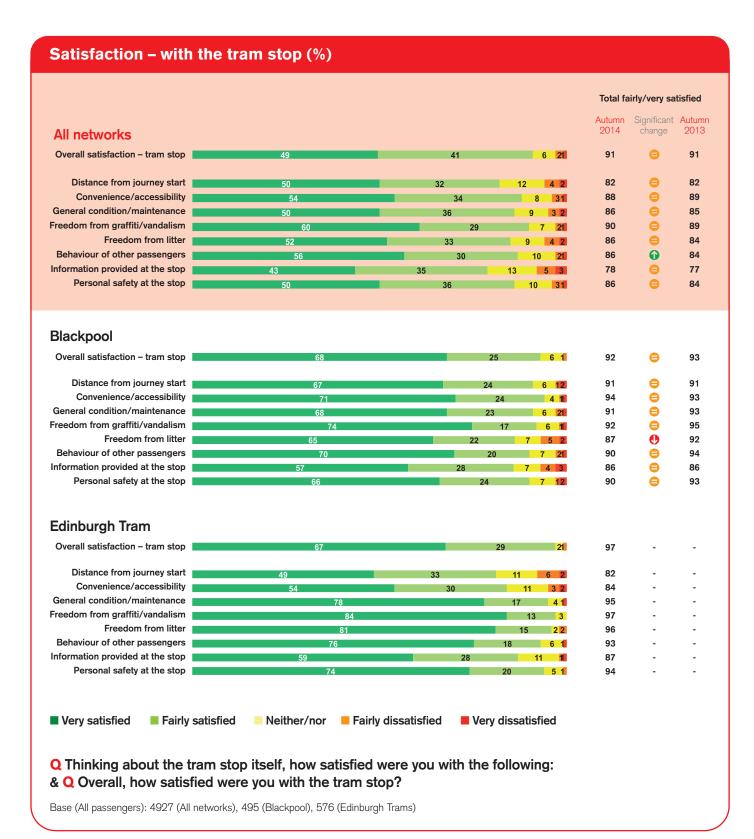
Base: 2036 (Metrolink), 379 (Midland Metro), 224 (NET), 214 (Supertram)

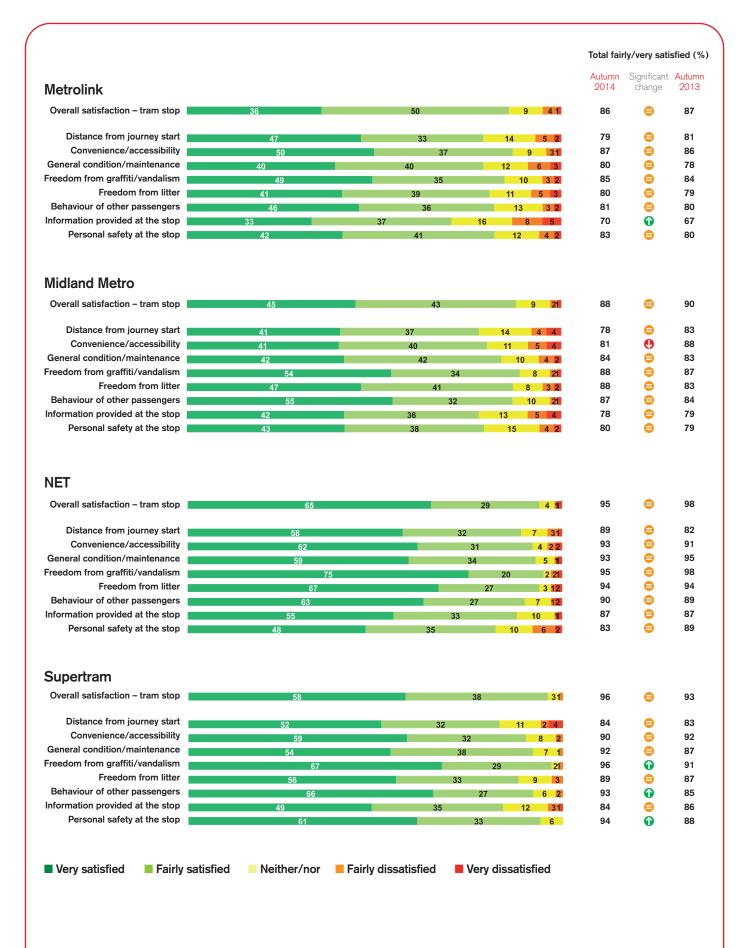


Q What had the biggest influence on the 'value for money' rating you gave in the previous question?

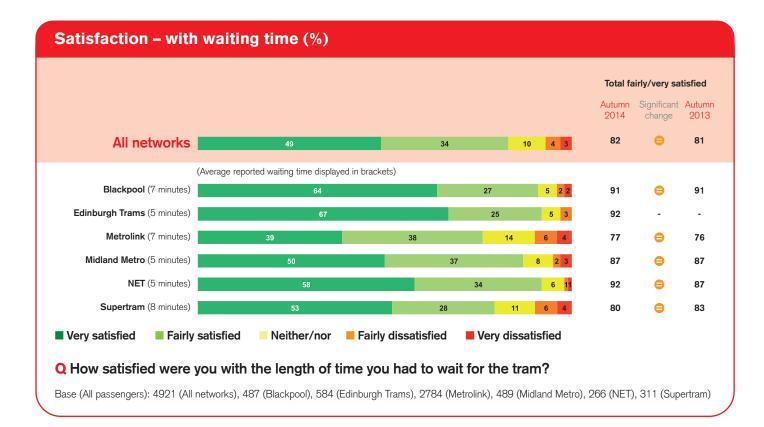
Base (All fare-paying passengers): 3698 (All networks), 425 (Blackpool), 507 (Edinburgh Trams), 1989 (Metrolink), 357 (Midland Metro), 214 (NET), 206 (Supertram) *Those not satisfied with value for money includes respondents answering 'Neither satisfied nor dissatisfied'. **Only asked for Metrolink

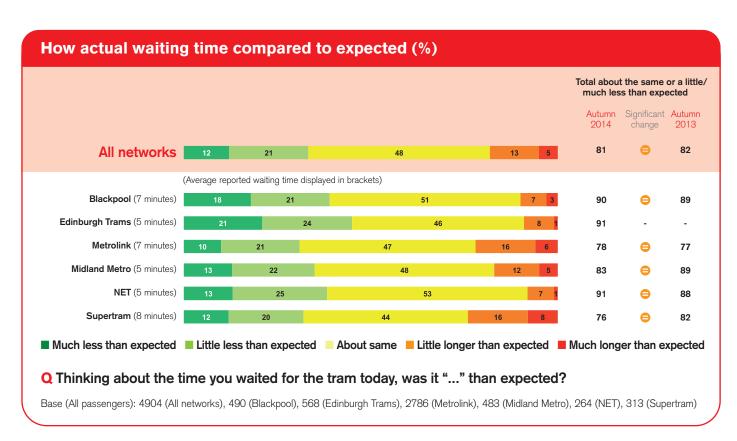






Base: 2796 (Metrolink), 486 (Midland Metro), 265 (NET), 309 (Supertram)





How passengers checked tram times (%)

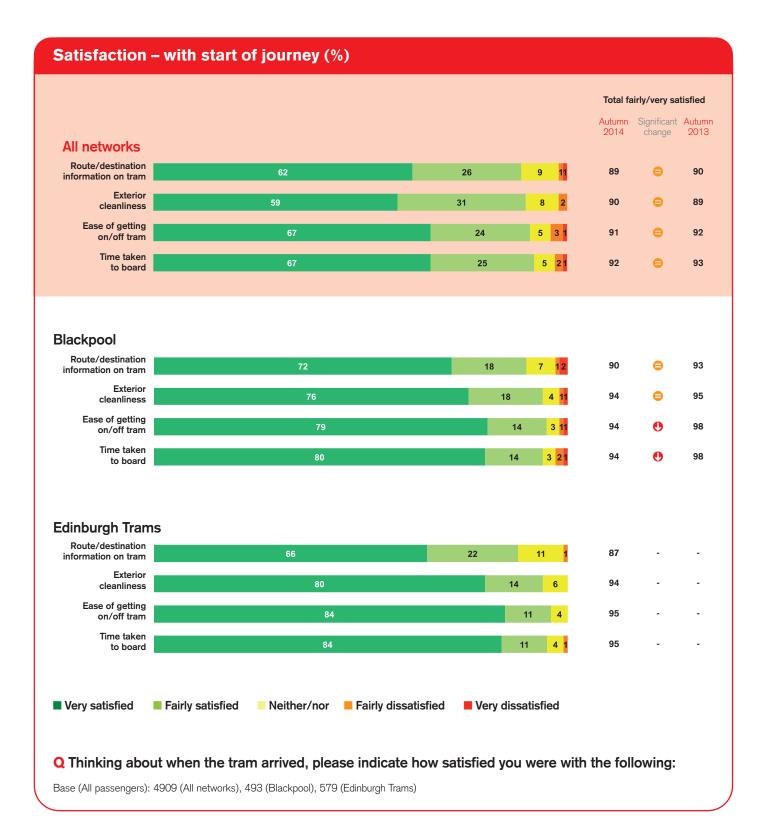
	All netwo	rks	
Before leaving	Autumn 2014	Significant change	Autumn 2013
Leaflet/paper timetable Online Live tram locator Disruption updates via social media	1 2	() () () ()	6 11 2 2
Other At tram stop	6	•	8
Electronic display Posters at stop Online Live tram locator Disruption updates via social media Other	1 1		41 12 2 1 1
Did not check Main reasons for not	29	() es	33
Knew they ran frequently	75		78
Already knew times	10	0	15
Didn't have time Could not find the information	6 5		5 4

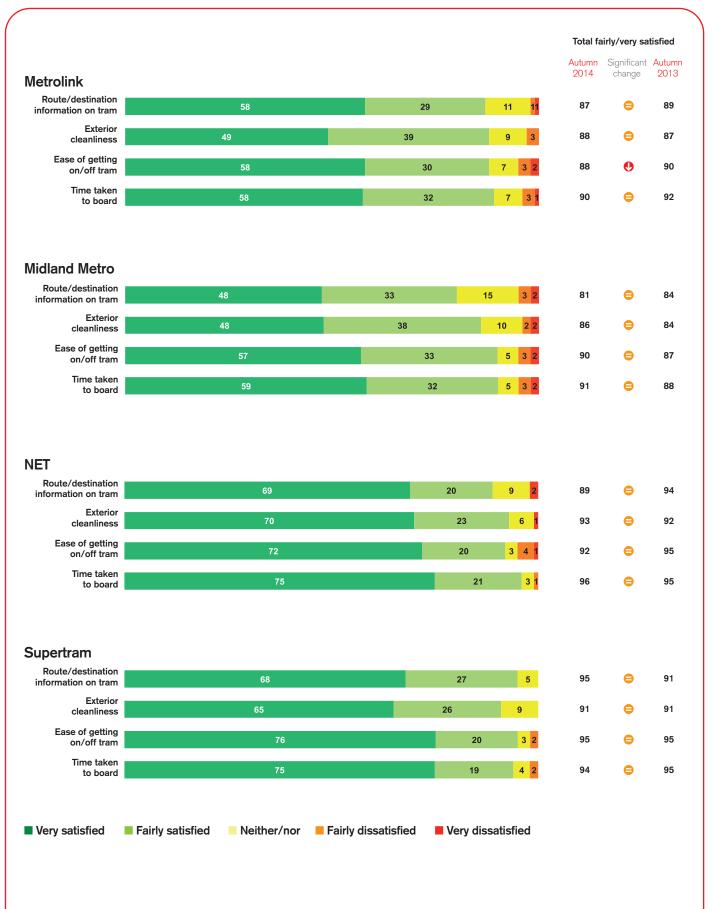
Blackpo	ol	Edinbu	burgh Trams		
Autumn 2014	Significant change	Autumn 2014	Significant change		
19 14 1 1 0 9		1 2 11 12 1 1 1 4	- - - -		
33 3 0 1 1 9		2 1 2 0 2	66		
29		18	-		
72		66	-		
11	9	5	-		
2		12	-		
3		2	-		

	Metrolin	k	Midland	d Metro	NET		Supertr	am
Before leaving	Autumn 2014	Significant change	Autumn 2014	Significant change	Autumn 2014	Significant change	Autumn 2014	Significant change
Leaflet/paper timetable Online Live tram locator Disruption updates via social media Other	1 1 14 0 1 3 6		4 8 6 1 3 11		■ 5 ■ 9 ■ 4 □ 1	•• •• •• ••	■ 7 ■ 11 ■ 4 0	
At tram stop								
Electronic display Posters at stop Online Live tram locator Disruption updates via social media Other Did not check Main reasons for not	4 2 0 1 1 2 27 Checking tin	1 61 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 4 1 1 2 1 1 1 4 4 1 1 1 4 1 1 1 1 1 1	68 (C) (C)	1 2 0 1 1 0 1 1	67	3 35 1 1 1 1 0 5	⊖ • • • • • • •
Knew they ran frequently	74		73		73		79	
Already knew times	9	⊜	8	O	7		13	
Didn't have time	5		5		13		4	
Could not find the information	9		7		0		2	

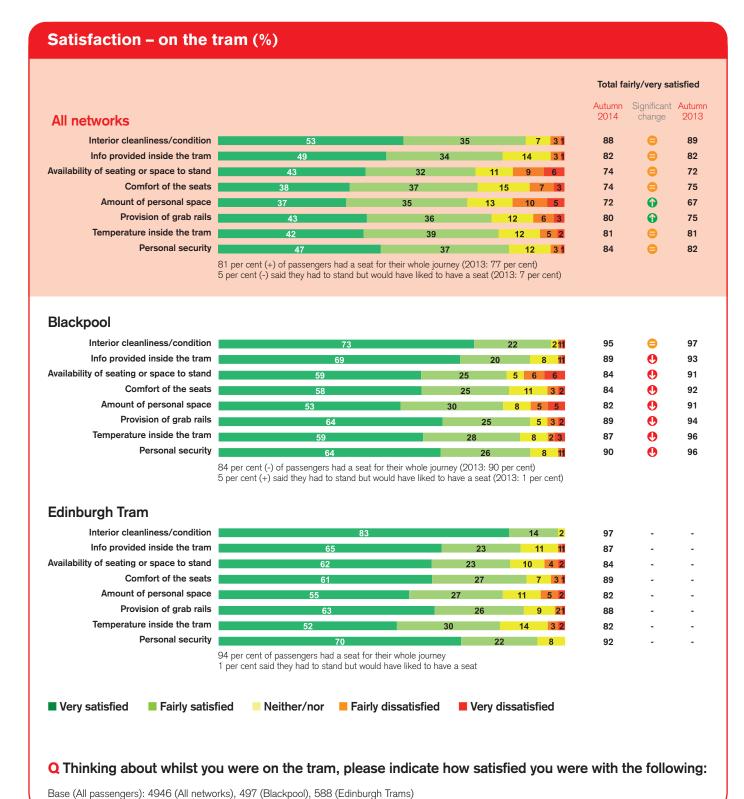
Q How did you know when the tram was meant to arrive? (More than one response permissible)

Base (All passengers): 5014 (All networks), 502 (Blackpool), 596 (Edinburgh Trams), 2824 (Metrolink), 503 (Midland Metro) 272 (NET), 317 (Supertram)



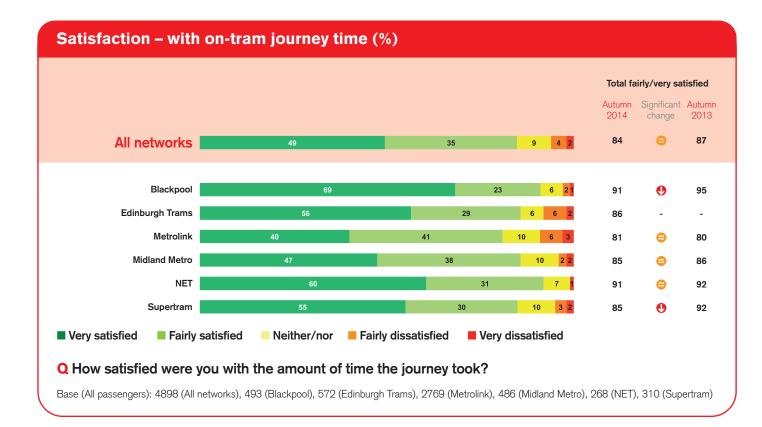


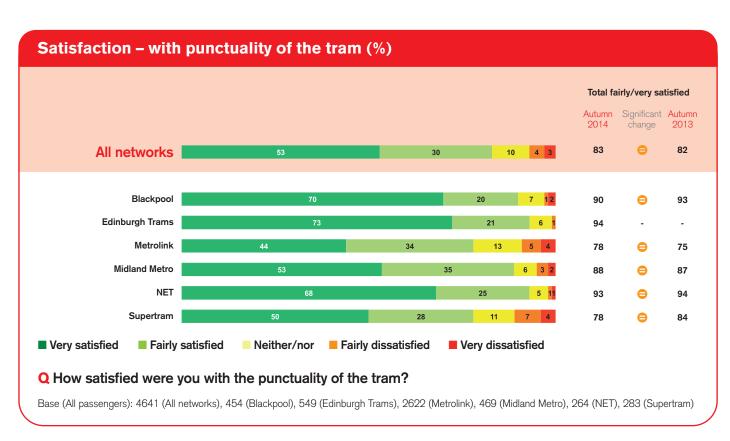
Base: 2778 (Metrolink), 484 (Midland Metro), 268 (NET), 309 (Supertram)



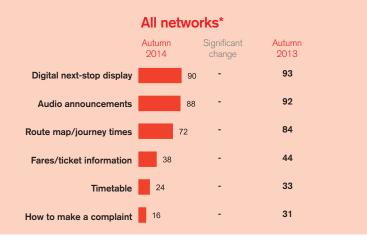
Total fairly/very satisfied Significant Autumn Autumn 2014 2013 Metrolink change Interior cleanliness/condition 85 85 Info provided inside the tram 80 80 Availability of seating or space to stand 65 62 Comfort of the seats 66 67 Amount of personal space 0 61 65 Provision of grab rails 70 73 Temperature inside the tram 76 76 Personal security 76 78 73 per cent of passengers had a seat for their whole journey (2013: 70 per cent) 8 per cent said they had to stand but would have liked to have a seat (2013: 10 per cent) **Midland Metro** Interior cleanliness/condition 85 88 Info provided inside the tram 77 0 83 Availability of seating or space to stand 76 0 61 Comfort of the seats 64 69 Amount of personal space 69 0 56 Provision of grab rails 74 0 63 Temperature inside the tram 73 Personal security 81 83 83 per cent (+) of passengers had a seat for their whole journey (2013: 72 per cent) 6 per cent (-) said they had to stand but would have liked to have a seat (2013: 10 per cent) **NET** Interior cleanliness/condition 93 92 Info provided inside the tram 86 83 Availability of seating or space to stand 78 77 Comfort of the seats 82 76 Amount of personal space 74 66 Provision of grab rails 84 76 Temperature inside the tram 88 83 Personal security 84 85 85 per cent of passengers had a seat for their whole journey (2013: 82 per cent) 3 per cent said they had to stand but would have liked to have a seat (2013: 6 per cent) Supertram Interior cleanliness/condition 0 93 Info provided inside the tram 83 82 Availability of seating or space to stand 85 86 Comfort of the seats 88 84 Amount of personal space 79 80 Provision of grab rails 86 84 Temperature inside the tram 88 88 Personal security 92 90 93 per cent of passengers had a seat for their whole journey (2013: 87 per cent) 1 per cent said they had to stand but would have liked to have a seat (2013: 3 per cent) Very satisfied Fairly satisfied Neither/nor Fairly dissatisfied Very dissatisfied

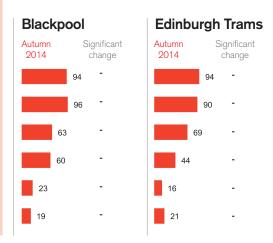
Base: 2790 (Metrolink), 492 (Midland Metro), 267 (NET), 312 (Supertram)





Availability of information inside the tram (%)

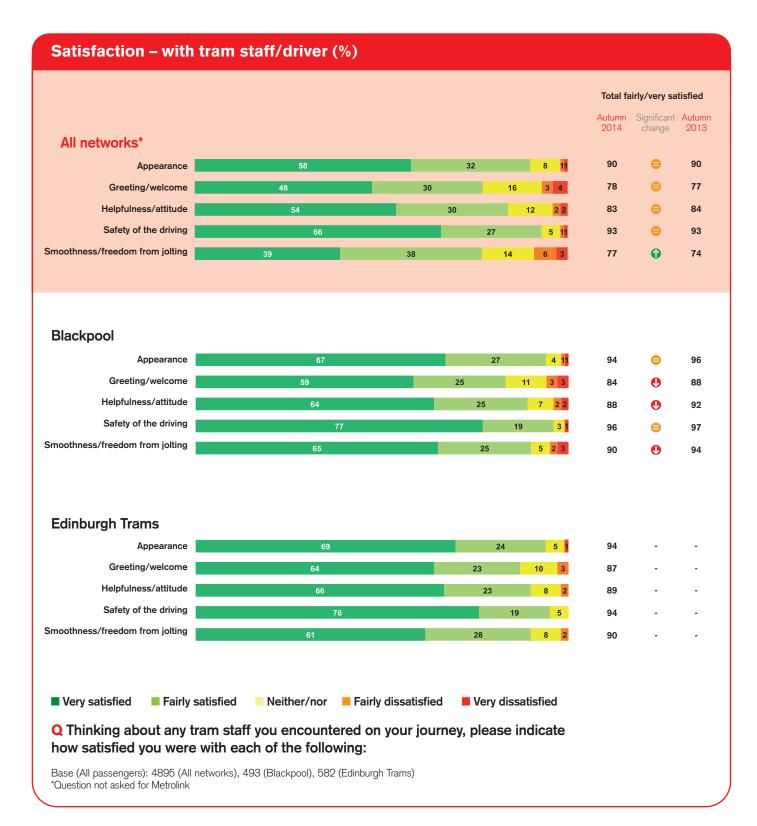




	Metrolink	(Midlan	d Metro	NET		Superti	am
	Autumn 2014	Significant change	Autumn 2014	Significant change	Autumn 2014	Significant change	Autumn 2014	Significant change
Digital next-stop display	*Question not asked			80 -		94 -		88 -
Audio announcements	for Metrolink			90 -		94 -		79 -
Route map/journey times			57	-		83 -	7	75 -
Fares/ticket information			23	-	47	-	27	-
Timetable			14	-	46	-	15	-
How to make a complaint			22	-	22	-	7	-

Q Were any of these items of information present on the tram?

Base (All passengers): 2044 (All networks), 478 (Blackpool), 573 (Edinburgh Trams), - (Metrolink), 436 (Midland Metro) 261 (NET), 296 (Supertram) NOTE: Significant changes are not shown for this question. The question was changed between 2013 and 2014 (by the addition of a 'Don't know' option) and is not directly comparable. *Question not asked for Metrolink



Total fairly/very satisfied Autumn Significant Autumn 2014 change 2013 Metrolink Appearance Question not asked Greeting/welcome for Metrolink Helpfulness/attitude Safety of the driving Smoothness/freedom from jolting 70 66 **Midland Metro** 90 89 Appearance Greeting/welcome 73 71 Helpfulness/attitude 79 77 Safety of the driving 89 86 Smoothness/freedom from jolting 71 72 **NET** Appearance 82 89 Greeting/welcome 69 77 Helpfulness/attitude 76 86 Safety of the driving 91 95 Smoothness/freedom from jolting 83 75 Supertram Appearance 91 90 Greeting/welcome 78 79 Helpfulness/attitude 84 84 Safety of the driving 94 94 Smoothness/freedom from jolting 84 85 Very satisfied Fairly satisfied ■ Neither/nor ■ Fairly dissatisfied ■ Very dissatisfied

Base: 2778 (Metrolink), 481 (Midland Metro), 268 (NET), 311 (Supertram)



Experience of delays (%)

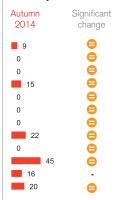
All networks

	Autumn 2014	Significant change	Autumn 2013
Signal/points failure	8	•	19
Tram waiting too long at signals	7	•	14
Had to use bus replacement	1 2	•	14
Tram waiting too long at stops	13		10
Congestion/traffic jam	9		9
Tram failure	8		6
Poor weather	0	•	6
Time it took passengers to board	5		4
Planned engineering works	17	•	3
Other	28		27
No reason given for delay*	18	-	-
Not sure	17	(22

- 9 per cent of tram passengers experienced delay (2013: 10 per cent). Typical length of the delay was 11 minutes
- 95 per cent were able to board the first tram they wanted to travel on (2013: 95 per cent)

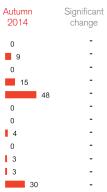
*No reason given for delay not asked in 2013. Its addition could have caused the significant drops in other factors

Blackpool



- 3 per cent of tram passengers experienced delay (2013: 2 per cent). Typical length of the delay was 15 minutes
- 97 per cent (-) were able to board the first tram they wanted to travel on (2013: 100 per cent)

Edinburgh Trams



- . 3 per cent of tram passengers experienced delay. Typical length of the delay was 7 minutes
- 96 per cent were able to board the first tram they wanted to travel on

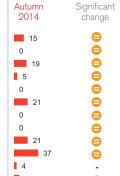
Metrolink

Poor weather

Significant 2014 change 2014 Signal/points failure 15 0 Tram waiting too long at signals 11 0 0 Had to use bus replacement | 1 ĕ Tram waiting too long at stops | 12 5 Congestion/traffic jam 8 0 ĕ Tram failure 6 21 0 0 Time it took passengers to board 6 0 22 Planned engineering works 0 21 Other 30 No reason given for delay 17 4 13 8 Not sure

- 13 per cent of tram passengers experienced delay (2013: 15 per cent). Typical length of the delay was 10 minutes
- 94 per cent were able to board the first tram they wanted to travel on (2013: 93 per cent)

Midland Metro



- 11 per cent (+) of tram passengers experienced delay (2013: 7 per cent). Typical length of the delay was 20 minutes
- 93 per cent were able to board the first tram they wanted to travel on (2013: 95 per cent)

NET

Significant 2014 change Base too small to report

- · 2 per cent of tram passengers experienced delay (2013: 4 per cent). Typical length of the delay was 5 minutes
- 95 per cent were able to board the first tram they wanted to travel on (2013: 97 per cent)

Supertram

Autumn 2014	Significant change
0	
0	
0	
24	
14	
1 1	
0	
0	
0	ě
12	ě
30	-
32	

- 7 per cent of tram passengers experienced delay (2013: 8 per cent). Typical length of the delay was 9 minutes
- 98 per cent were able to board the first tram they wanted to travel on (2013: 96 per cent)

Q Was the length of your journey affected by any of the following? (More than one response permissible)

Base (All experiencing a delay): 442 (All networks), 12 (Blackpool), 17 (Edinburgh Trams), 337 (Metrolink), 49 (Midland Metro) 5 (NET), 22 (Supertram) Caution: small bases.

Worry or concern at other passengers' behaviour (%)

	All netv	All networks					
	Autumn 2014	Significant change	Autumn 2013				
All passengers	5	•	7				
Male	6		7				
Female	5	•	7				
Age 16 to 34	7	⊜	7				
Age 35 to 59	5	•	8				
Age 60+	4	⊜	5				

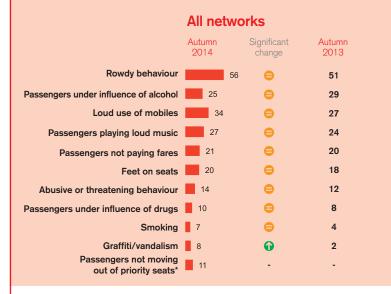
Blacl	kpool	Edinbu	urgh Trams
Autumn 2014	Significant change	Autumn 2014	Significant change
5	⊖	2	-
5	⊖	2	-
6	⊖	1	-
6	=	2	-
4	⊜	1	-
7		2	-

	Metrolini	<	Midland	l Metro	NET		Superti	ram
	Autumn 2014	Significant change						
All passengers	8		5	⊜	4	⊜	1 1	•
Male	9		7	⊜	4	•	0	
Female	8		3	⊜	3	⊜	2	
Age 16 to 34	10		5	⊜	4	•	1	
Age 35 to 59	6	•	5		4	⊜	2	
Age 60+	6		6		1		0	•

Q Did other passengers' behaviour give you cause to worry or make you feel uncomfortable during your journey?

Base (All passengers): 4964 (All networks), 496 (Blackpool), 588 (Edinburgh Trams), 2803 (Metrolink), 498 (Midland Metro) 266 (NET), 313 (Supertram)

Types of worrying/concerning behaviour (%)



Blackpool					
Autumn 2014	Significant change	Ai 2			
35	⊜	Ba			
8		re			
22					
16					
4					
45					
6					
8					
6					
0					
24	-				

Disaksaal

Edinbur	gh Trams
Autumn 2014	Significant change
Base too small to report	

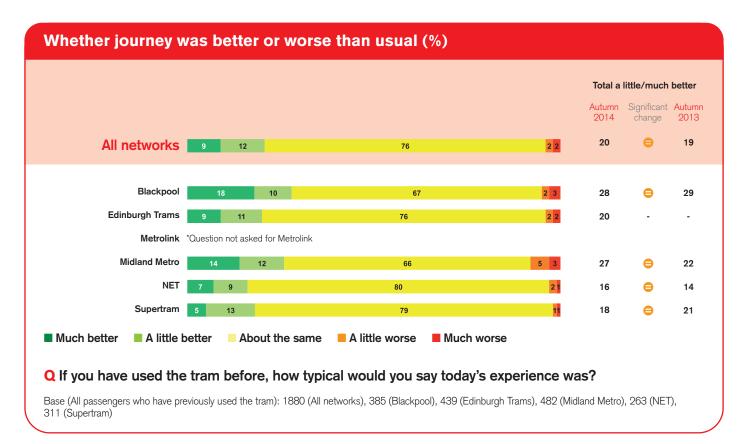
	Metrolink		Midland Metro	
	Autumn 2014	Significant change	Autumn 2014	Significant change
Rowdy behaviour		62 😑	51	
Passengers under influence of alcohol	26		0	
Loud use of mobiles	33	⊜	28	
Passengers playing loud music	26	⊜	28	
Passengers not paying fares	21	⊜	23	
Feet on seats	17	⊖	44	
Abusive or threatening behaviour	15	⊖	16	
Passengers under influence of drugs	11	e	8	
Smoking	5	e	8	
Graffiti/vandalism	7	•	8	
Passengers not moving out of priority seats	12	-	13	-

NET Supertram Significant Autumn 2014 change Base too small to report

Autumn Significant 2014 change Base too small to report

Q Which of the following were the reasons for other passengers' behaviour causing you concern?

Base (All experiencing worrying/concerning behaviour): 272 (All networks), 17 (Blackpool), 8 (Edinburgh Trams), 216 (Metrolink), 20 (Midland Metro) 9 (NET), 2 (Supertram) Caution: small bases *Not asked in 2013





Suggested improvements spontaneously mentioned by passengers (%)

All networks

• 65 per cent (+) of passengers could think of no improvement suggestions to make (2013: 59 per cent). Of the 35 per cent (-) who did, their suggestions are shown below (2013: 41 per cent)

	Autumn 2014	Significant change	Autumn 2013
More seating Bigger/longer tram Less crowding Other space issues	8 8 8 11	• • • • • • • • • • • • • • • • • • •	14 12 8 11
More punctual/fewer delays More frequent trams Faster journey time Other punctuality/reliability issues	8 8 7		11 7 5 3
Better information on-board Other interior issues	7 10	0	12 11
Cheaper ticket prices Better ticket facilities Other ticket issues	7 8 3	•	10 5 1
Address unruly behaviour Improvements to tram stops	3 18	e	5 6
Other uncategorised issues	17	•	20

suggest improve	ool passengers ed an	passen	cent of rgh Trams gers suggested rovement
Autumn 2014	Significant change	Autumn 2014	Significant change
6 2 14 8		3 0 2 10**	
14 8 2		0 5 4	- - 5 -
9 7		9 10***	
4 2 8 *		3 17	-
5 14	(a)	I 1 9	-
18		16	-

Blackpool

Edinburgh Trams

	Metrolink	Midland Metro	NET	Supertram	
	44 per cent (-) of Metrolink passengers suggested an improvement (2013: 51 per cent)	31 per cent (-) of Midland Metro passengers suggested an improvement (2013: 43 per cent)	27 per cent (-) of NET passengers suggested an improvement (2013: 36 per cent)	29 per cent of Supertram passengers suggested an improvement (2013: 29 per cent)	
	Autumn Significant change	Autumn Significant 2014 change	Autumn Significant 2014 change	Autumn Significant 2014 change	
More seating Bigger/longer tram Less crowding Other space issues	9 9	10	1 2	1 1	
More punctual/fewer delays More frequent trams Faster journey time Other punctuality/reliability issues	11 1 5	8	0	13	
Better information on-board Other interior issues	6 8	13 ()	0	12 🖨	
Cheaper ticket prices Better ticket facilities Other ticket issues	8 6	3	7	11	
Address unruly behaviour Improvements to tram stops		0		24	
Other uncategorised issues	1 1	25	41 ^^^	13	

Q If something could have been improved on your tram journey today what would it have been?

Base (All passengers suggesting an improvement): 1767 (All networks), 128 (Blackpool), 175 (Edinburgh Trams), 1139 (Metrolink), 161 (Midland Metro), 77 (NET), 87 (Supertram)

*Be able to use a concessionary ticket: 7%+. **Better/more comfortable seats: 6%. ***Improved temperature: 9%.

*Better/more comfortable seats: 17%+. **Improved temperature: 9%. ***Not enough checking of tickets: 10%+. ***More staff: 25%+.

Tram usage

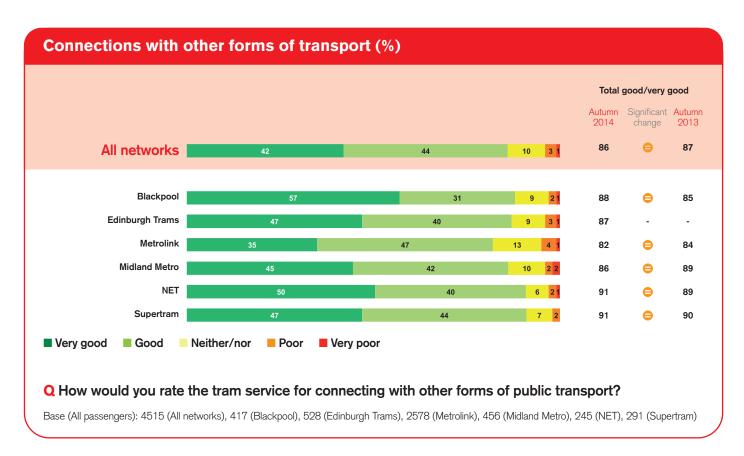
Reasons for choosing the tram (%)

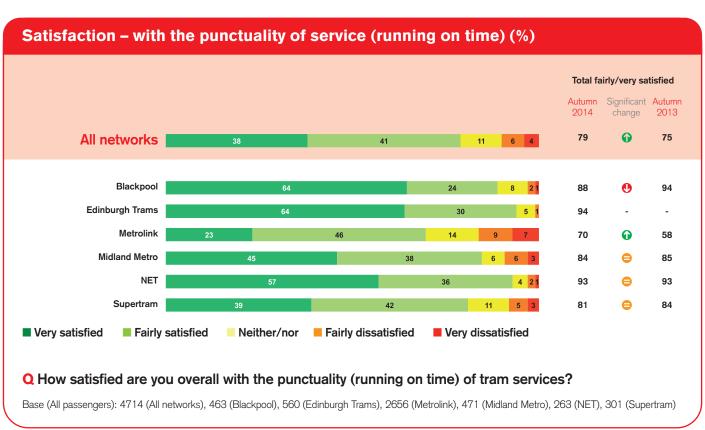
	All networks				Blackp	ool	Edinbur	Edinburgh Trams		
	Autumn 2014	Significant change	Autumn 2013		Autumn 2014	Significant change	Autumn 2014	Significant change		
Best way to get where I am going	30	⊜	31		26		26	-		
More convenient than car (e.g. parking)	22	⊜	20		17		11	-		
Quicker than other transport	17	⊜	15		13		22	-		
Didn't have option of other means	13	•	15		16		5	-		
Cheaper than the car	4	⊜	5		2	•	2	-		
More comfortable than other transport	5	⊜	4		11		12	-		
Cheaper than other transport	3	⊜	3		3		7	-		
For experience of riding the tram*	2	-	-		6	-	12	-		
Other	4	•	6		7		5	-		

	Metrolini	K	Midland Metro		NET		Supertram	
	Autumn 2014	Significant change						
Best way to get where I am going	28		26		33		37	
More convenient than car (e.g. parking)	22		15		34	•	21	
Quicker than other transport	19		28		12		13	
Didn't have option of other transport	15		15		9		11	
Cheaper than the car	5		6		5		5	
More comfortable than other transport	4	•	3		1		8	
Cheaper than other means	3		4		2		2	
For experience of riding the tram	1	-	2	-	1	-	1	-
Other	4		1	•	3		2	

Q What was the main reason you chose to take the tram for this journey?

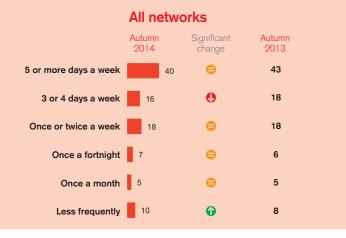
Base (All passengers): 4903 (All networks), 470 (Blackpool), 576 (Edinburgh Trams), 2792 (Metrolink), 490 (Midland Metro), 264 (NET), 311 (Supertram) *Not asked in 2013







Frequency of using the tram (%)



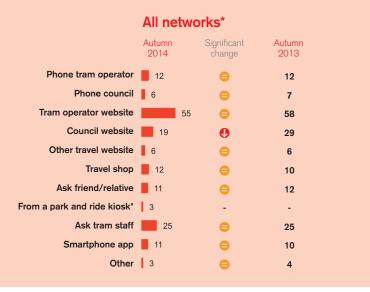
Blackpo	ol	Edinbu	Edinburgh Trams					
Autumn 2014	Significant change	Autumn 2014	Significant change					
32	⊜	24	-					
12	•	13	-					
12	•	12	-					
2	•	7	-					
3	•	8	-					
29	•	12	-					

	Metrolink		Midland I	Vletro	NET		Supertra	am
	Autumn S	Significant change	Autumn 2014	Significant change	Autumn 2014	Significant change	Autumn 2014	Significant change
5 or more days a week	43	⊜	44	•	34		42	
3 or 4 days a week	16	⊜	22	⊜	14		16	
Once or twice a week	19	⊖	15	⊜	18	⊜	22	⊜
Once a fortnight	8	⊜	4	⊜	10		4	⊜
Once a month	5	⊜	4	⊜	7		4	⊜
Less frequently	6		9		14		10	

Q How often do you typically travel by tram?

Base (All passengers): 4921 (All networks), 442 (Blackpool), 590 (Edinburgh Trams), 2808 (Metrolink), 492 (Midland Metro), 272 (NET), 317 (Supertram)

Sources for tram information (%)



Blackpo	ol	Edinbu	Edinburgh Trams				
Autumn 2014	Significant change	Autumn 2014	Significant change				
20		12	-				
2		0	-				
57			60 -				
7		0	-				
7		10	-				
13		8	-				
9		8	-				
-	-	3	-				
33		21	-				
5		27	-				
4		2	-				

	Metrolin	•	Midland	l Metro	NET		Supertra	am
	Autumn 2014	Significant change	Autumn 2014	Significant change	Autumn 2014	Significant change	Autumn 2014	Significant change
Phone tram operator	Question		14		10		11	
Phone council	not asked for Metrolink		8		1		12	
Tram operator website			21	•		69 😑	56	
Council website			33	•	5		33	
Other travel website			4		7		5	
Travel shop			16		12		12	
Ask friend/relative			1 1		1 1		14	
From a park and ride kiosk			1	-	6	-	3	-
Ask tram staff			27		22		25	
Smartphone app			14		6		8	
Other			2		1		5	

Q If you needed information about your local tram services, e.g. times, fares, where would you obtain that information?

Base (All passengers): 2096 (All networks), 493 (Blackpool), 581 (Edinburgh Trams), 444 (Midland Metro), 265 (NET), 313 (Supertram) *Question not asked for Metrolink; park and ride not asked in Blackpool, nor in 2013

Factors preventing more journeys being made (%)



Blackpo	ol	Edinburgh Trams					
Autumn 2014	Significant change	Autumn 2014	Significant change				
40		13					
37			68 😑				
10		8					
8		8					
7		14					
9		10					
5		1					
7		3					
2		1					
2		4					
6	-	6	-				

	Metrolink	Metrolink		Midland Metro		NET		Supertram	
	Autumn 2014	Significant change							
Level of crowding on board	40	•	27	•	29		32	•	
Places reachable	27	•	33		32	•	42	•	
Cost of using trams	29		18		19		20		
Reliability of trams	23	•	20		6		8		
Journey times	14		8		9		11		
Frequency of trams	10	•	10		9		10		
Concern for personal safety	9		7		9		1		
Comfort of trams	4		9		6		8		
Understanding the fares	3		2		1		6		
Understanding the ticket machines	2		1		5	•	1		
Tram network improvement works*	37	-	25	-	6	-	36	-	

Q Have any of the following frequently stopped you making journeys by tram? (More than one answer permissible)

Base (All passengers): 3653 (All networks), 279 (Blackpool), 297 (Edinburgh Trams), 2258 (Metrolink), 369 (Midland Metro), 208 (NET), 242 (Supertram) *Improvement works not asked in 2013. Its addition could have caused the significant drops in other factors

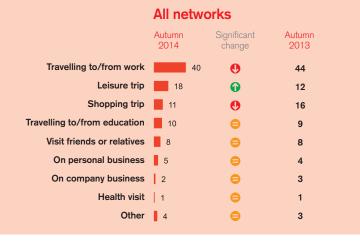
Passenger and journey details



Passenger profile (%)									
	Autumn 2014	II netwo		Blackpool	Edinburgh Trams	Metrolink	Midland Metro	NET	Supertram
Age 16 to 34 35 to 59 Over 60	48 31 20		48 33 19	32 31 37	47 35 18	50 34 16	50 27 24	44 34 23	51 25 24
Access to private transport Easy Moderate Limited/none	36 33 31	000	34 35 31	39 40 21	40 43 18	32 30 38	24 49 27	47 27 25	39 33 29
Has a disability Yes	13	0	10	24	7	13	13	15	10
Ticket type Free pass holders Fare-payers	18 82	0 0	17 83	9 91	11 89	16 84	23 77	19 81	24 76

Base (All passengers): 5014 (All networks), 502 (Blackpool), 596 (Edinburgh Trams), 2824 (Metrolink), 503 (Midland Metro), 272 (NET), 317 (Supertram)

Journey purpose (%)

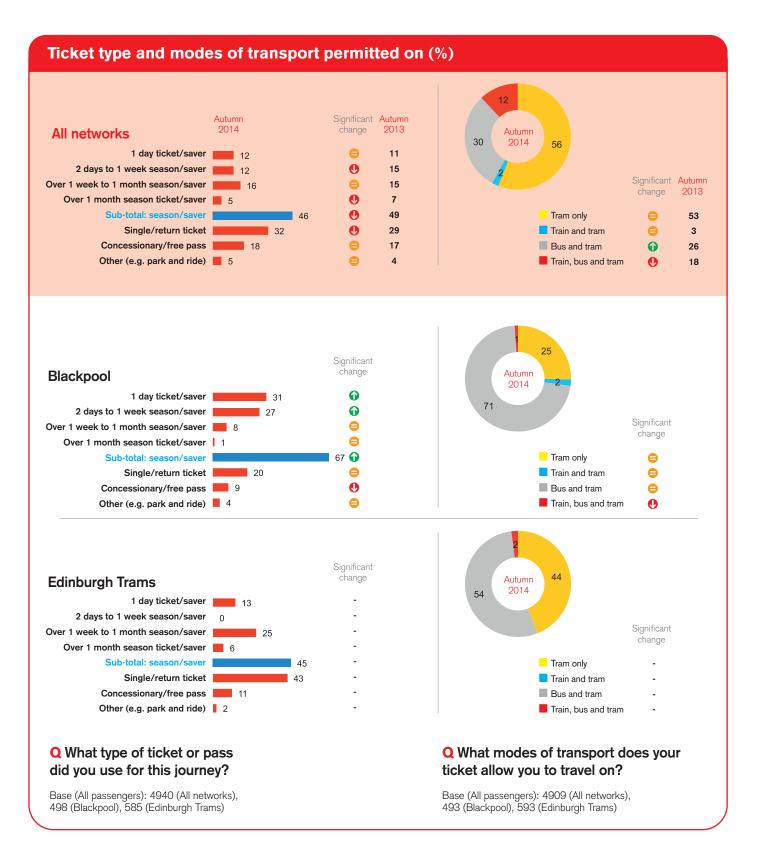


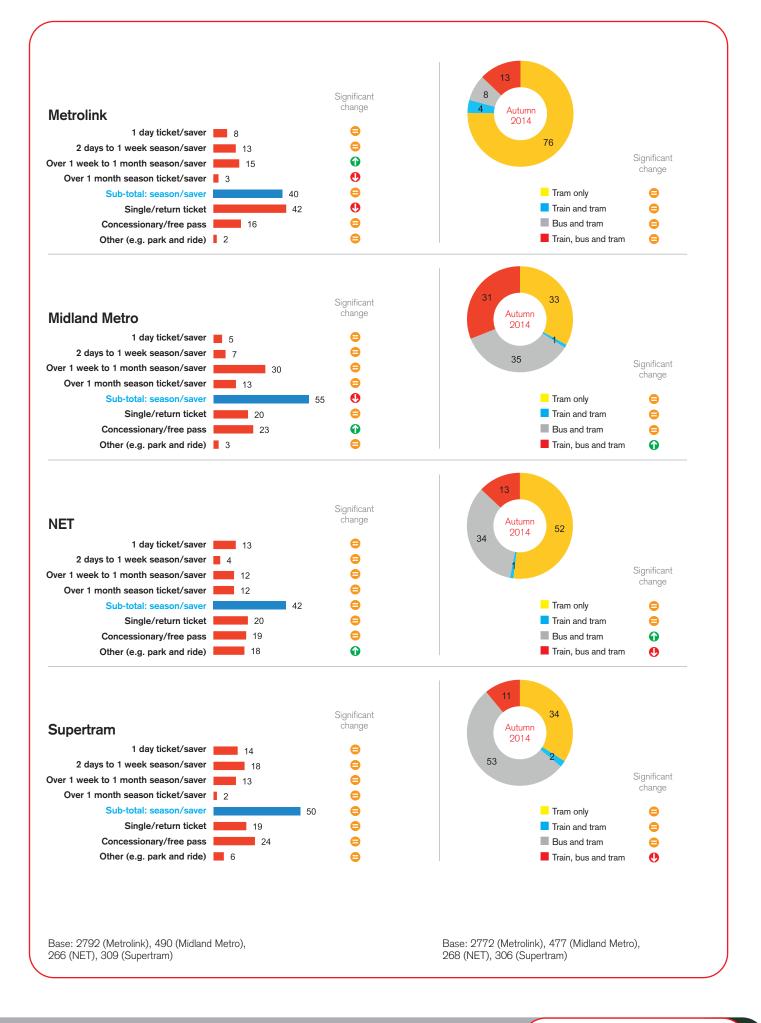
Blackp	ool	Edinbur	gh Trams
Autumn 2014	Significant change	Autumn 2014	Significant change
20		37	-
	48	21	-
12	•	9	-
5		8	-
5	•	6	-
3		7	-
1		6	-
2		0	-
5		5	-

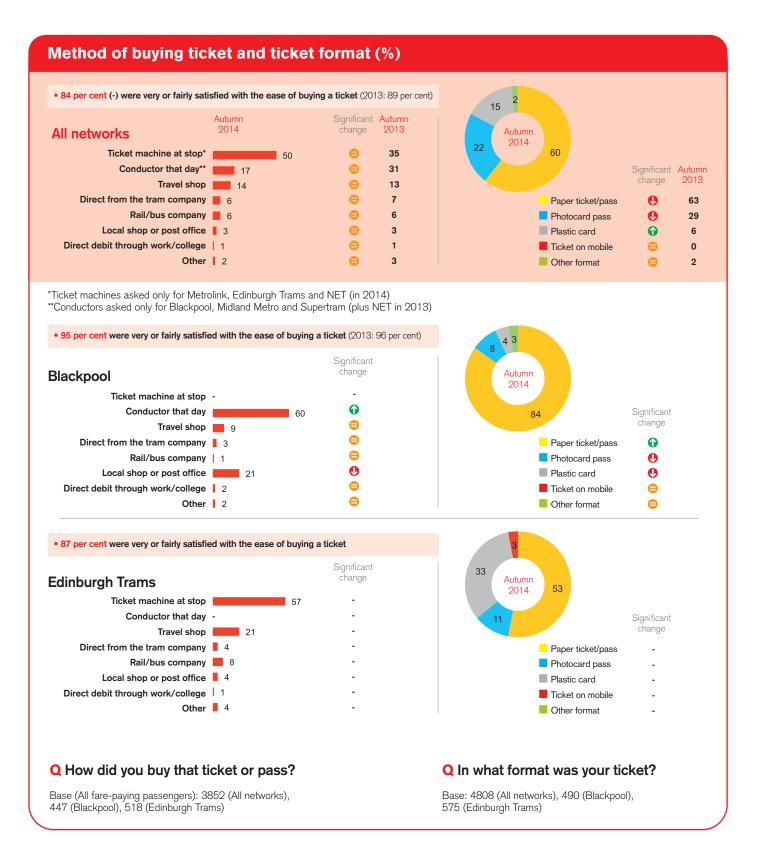
	Metrolin	k	Midland	Metro	NET		Supertra	am
	Autumn 2014	Significant change						
Travelling to/from work	48		4	4 😑	30	•	35	
Leisure trip	14		9		25	•	14	
Shopping trip	10	•	14		13		14	
Travelling to/from education	8		17		■ 8		15	
Visit friends or relatives	8		5		1 1	•	9	
On personal business	5		6	•	6		5	
On company business	3	•	1		1		1	
Health visit	1		2		2		2	
Other	4	a	1 2		4		5	

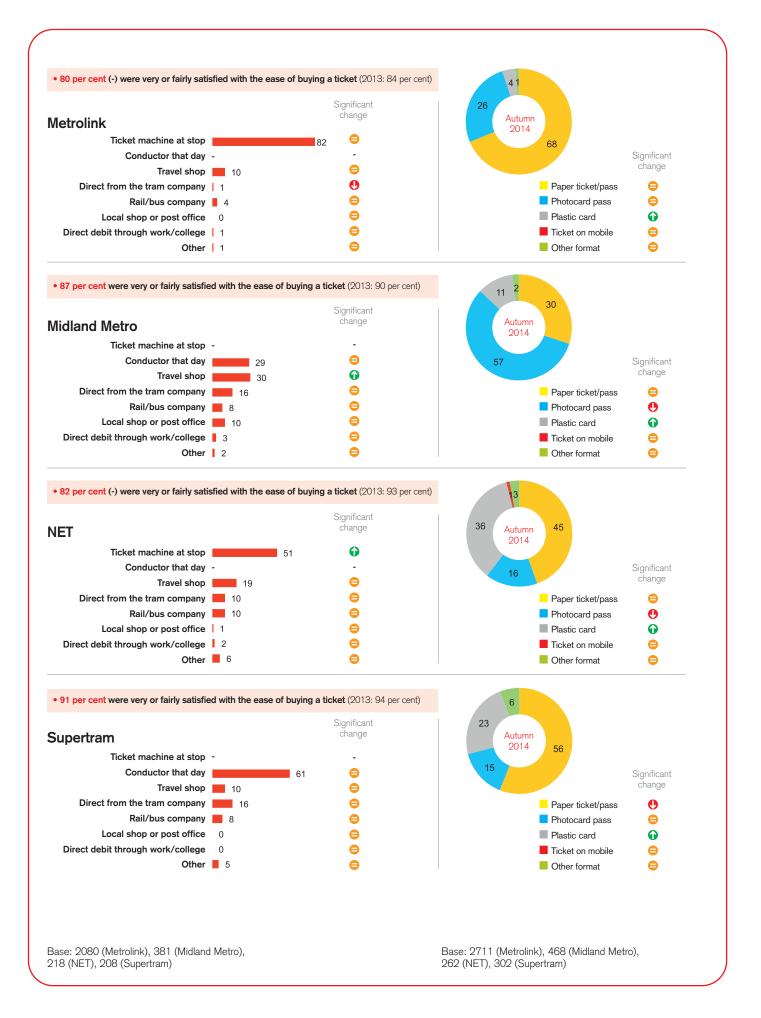
Q What is the main purpose of your tram journey today?

Base (All passengers): 4935 (All networks), 496 (Blackpool), 573 (Edinburgh Trams), 2797 (Metrolink), 492 (Midland Metro), 265 (NET), 312 (Supertram)

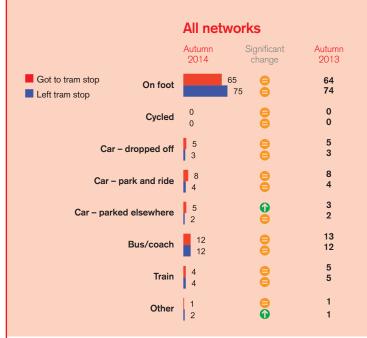




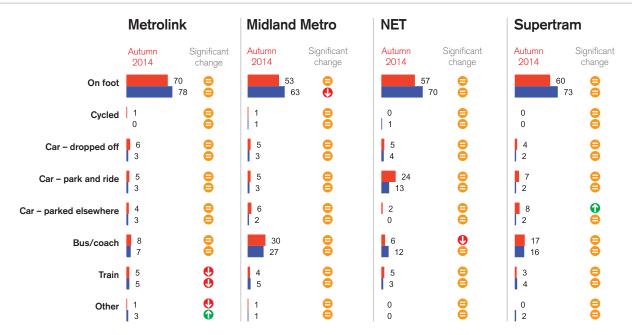




How got to and from the tram stop (%)

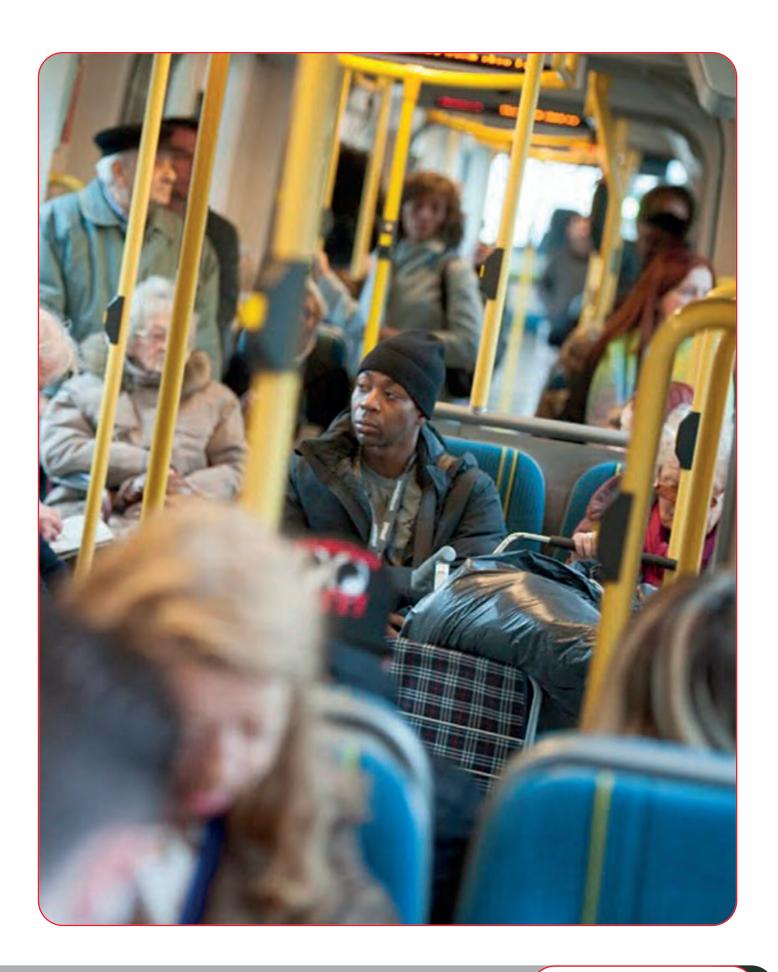


Blackpo	ool	Edinburgh Trams			
Autumn 2014	Significant change	Autumn 2014	Significant change		
	83 (=) 84 (=)	60 71	-		
0 0		0	-		
2 2		6 2	-		
0 0	e	7 4	-		
4 3		3 3	-		
6 7		16 14	-		
0 1		2 4	-		
2 4	•	6	:		



Q How did you get to/from the tram stop where you boarded/left the tram today?

Base (All passengers): 4942 (All networks), 495 (Blackpool), 577 (Edinburgh Trams), 2797 (Metrolink), 495 (Midland Metro), 266 (NET), 312 (Supertram)



Appendix 1

Network details

The Blackpool tram system

- The Blackpool tramway consists of one line with 37 stops, running 11 miles along the coast between Starr Gate and Fleetwood Ferry
- Approximately 4.3 million* passenger journeys were made in 2013/14
- The trams run with conductors and passengers may purchase tickets on board. There are no ticket machines at Blackpool tram stops
- From 2014 no national concessionary passes can be used on the Blackpool tramway. This may explain some

- of the significant differences shown in this report
- Tram stops do not have Passenger Information Displays
- Blackpool Transport operates modern and heritage trams on the network. Heritage trams operate on bank holidays, weekends and during the summer. This research does not include journeys made on heritage trams
- Trams run every 15-30 minutes Monday to Saturday and every 20-30 minutes on Sundays
- There were no significant issues affecting tram services during the fieldwork period

Blackpool tram route map



The Edinburgh Trams system

- The Edinburgh Trams route consists of 15 stops, running 8.7 miles between Edinburgh Airport and York Place
- It opened on 31st May 2014; no annual passenger journey data exists
- There are no conductors on board; tickets can be purchased from ticket vending machines at tram stops
- Tram stops have Passenger Information Displays
- Trams run every 8-10 minutes Monday to Saturday and every 12-15 minutes on Sundays
- There were no significant issues affecting tram services during the fieldwork period

Edinburgh Trams route map Ingliston Park & Ride Gyle Centre Edinburgh Park Station Saughton Murrayfield Stadium West End - Princes Street (travasaicria) (foerrer panier) Edinburgh Airport Gogarburn Edinburgh Park Central Bankhead Balgreen Haymarket Princes Street York Place

^{*}Source: Department for Transport, Passenger journeys on light rail and trams by system in England, 2013/14

The Manchester Metrolink system

- At the time the research was undertaken, Metrolink consisted of six lines with 76 stops in total, running 47.7 miles throughout the Greater Manchester area. (Please see network map on following page)
- The Airport line opened in November 2014 and was not included in the research
- Approximately 29.2 million* passenger journeys were made in 2013/14
- There are no conductors on board; tickets can be purchased from ticket vending machines at tram stops
- All Metrolink stops have information boards with timetables and fare information. City Centre stops and the Ashton, East Didsbury, Eccles and Rochdale lines have Passenger Information Displays

Tram frequency is as follows:

Monday - Saturday

Altrincham line Every 6 mins
Ashton Line Every 12 mins
Bury line Every 6 mins
East Didsbury line Every 12 mins
Eccles Line[†] Every 12 mins
Rochdale line Every 12 mins

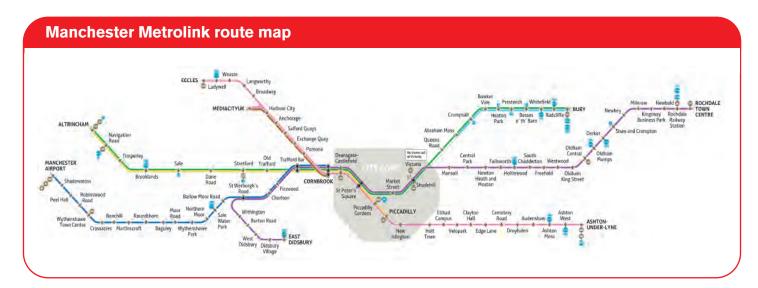
Sunday (all lines)

Morning/evening Every 15 mins
Daytime Every 12 mins

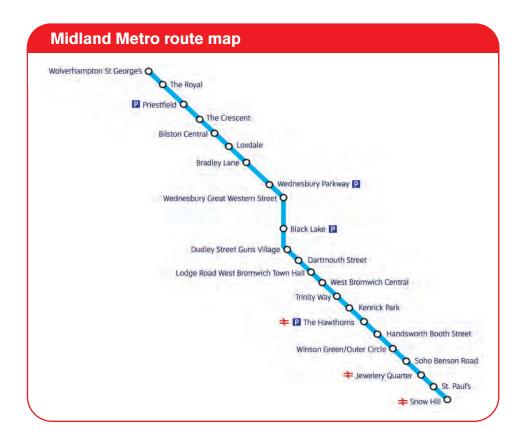
 During busy periods two trams may be coupled together (as a 'double tram') to increase passenger capacity. In 2014 new trams were added to the fleet, allowing more double trams to be run. This may explain some of the significant differences shown in this report

Fieldwork notes:

- Ongoing engineering works ran through the fieldwork period. Shifts were scheduled to avoid major tram network improvement works and large sporting events
- One shift on the Rochdale line was disrupted by a points failure on 6 November. This was rescheduled
- The research did not include the airport line which opened in November 2014
- *Source: Department for Transport, Passenger journeys on light rail and trams by system in England, 2013/14
- ⁺Additional trams every 12 mins from Media City



Network details



The Midland Metro system

- Midland Metro consists of one line with 23 stops, currently running 12.5 miles between Birmingham Snow Hill and Wolverhampton St. George's. Extensions to New Street and Wolverhampton stations are being developed
- Approximately 4.7 million* passenger journeys were made in 2013/14
- The trams run with conductors and passengers may purchase tickets on board. There are no ticket machines at Midland Metro stops
- In 2014 new trams were added to the Midland Metro fleet
 This may explain some of the significant differences shown in this report
- All trams stops have digital Passenger Information Displays, but only some have information boards with timetables and fare information

Tram frequency is as follows:

Monday - Saturday

Peak Every 6-8 mins
Off-peak Every 15 mins

Sunday

Every 15 mins

Fieldwork note:

 Network improvement works at Wolverhampton St. George's and The Royal meant that fieldwork was conducted between Birmingham Snow Hill and Priestfield

*Source: Department for Transport, Passenger journeys on light rail and trams by system in England, 2013/14





The Nottingham Express Transit system

- Nottingham Express Transit currently consists of a single line with 23 stops, covering 8.7 miles between Hucknall/Phoenix Park and Station Street.
 Additional routes are under construction, extending the network from Station Street to serve Clifton and Toton
- Approximately 7.9 million* passenger journeys were made in 2013/14
- During the Autumn 2013 wave the trams ran with conductors and passengers could purchase tickets on board. In 2014 Nottingham Express Transit introduced ticket machines at stops and so conductors are no longer on board. This may explain some of the significant differences shown in this report
- All NET stops have Passenger Information Displays and information boards with tram times and local information

Tram frequency is as follows:

Monday - Saturday

Morning/evening Every 10-20 mins
Daytime Every 5-12 mins

Sunday

Morning/evening Every 15-30 mins
Daytime Every 7-15 mins

Fieldwork note:

• There were no significant issues affecting tram services during the fieldwork period

*Source: Department for Transport, Passenger journeys on light rail and trams by system in England, 2013/14



The Sheffield Supertram system

- Supertram consists of three lines with 48 stops in total, covering 18 miles in the city of Sheffield
- Approximately 12.6 million* passenger journeys were made in 2013/14
- The trams run with conductors and passengers may purchase tickets on board. There are no ticket machines at Supertram stops
- Supertram stops do not have Passenger Information Displays but do have information boards with timetables and fare information

Tram frequency is as follows:

Monday - Saturday

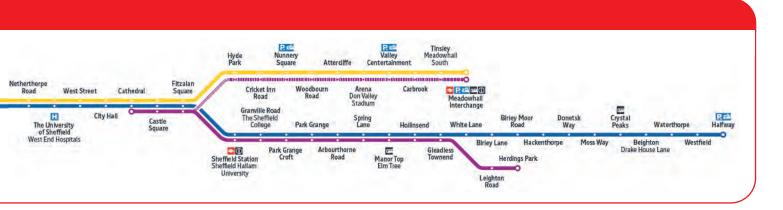
Morning/evening Every 10-20 mins
Daytime Every 5-10 mins

Sunday (all lines)

Morning/evening Every 10-20 mins
Daytime Every 10 mins

Fieldwork note:

• The fieldwork had to be postponed for three weeks due to a hole near the track that disrupted services



*Source: Department for Transport, Passenger journeys on light rail and trams by system in England, 2013/14

Appendix 2

Example of typical questionnaire

Individual network questionnaires differed slightly to reflect local geography, presence of conductors and/or ticket machines, ticket types available, etc.

T Survey Shift Date Shift Date Shift Date Shift Date A standard paper ticket/pass. A phonor card latek/pass. A plactic card you touched on to the fare machine	98	Q2. Were you on your outward or return journey when you were given a questionnaire? Outward	Q8. Were you travelling with? (Please tick oil that apply) Children in a buggy or pushchair	ded the tram today? ded the tram today? ded the tram today? On foot/walked. Other. Oth		Other ticket Park and Ride Park and Ride	Bus and Metro
**************************************	Passengerfocus lease fill in the questionnaire <u>affer</u> you have completed your journey with Midland Metro, lease tick only one box per question, unless that question requests otherwise. ther completing the questionnaire, please return it using the postage paid envelope provided. About your journey on Midland Metro.	At which stop tild you board this tram?	At which stop did you leave this tram?	Please fill in the time that you boarded the tram today: Hour Mins (Please use 24 hour clock e.g. 5.25pm should be written as 12: What type of ticket or pass did you use for this Journey on Midland Metro? (Please tick one box only)	A free po	Ouarterly/3 months 1 year 1	Metro only Train and Metro.

600		hishing about the true arter the items freely fact were were with the following			Fairly satis	Neither satisfied nor Fairly	Very	Dan't know/n
rija Tija	Thinking about the train stop fiself, how satished to distance from your journey start of Frome, shops. The convenience/accessibility of its location	Pairty Very kno svetisfied dissultsfied opi	The length of time you had to wait for the tram	settisfied *		70	8	nolido
	Its freedom from graffitt/Vandalism		4. On the tram					
	Behaviour of follow passengers waiting at the stop The information provided at the tram stop Your personal safety whilst at the tram stop	8 2000 2000 2000 2000	Thinking about when the tram arrived, please indic	cate how s	Satisfied you had be satisfied of satisfied	d you were with the Neither Satisfied nor Fairly dissatisfied	the following Very led dissatsfied	Den't Rnow/no d opinion
014.	Overall, how satisfied were you with the tram stop?		Route/destination information on the outside of the tram					
	Very satisfied	Fairly dissatisfied	The cleaniness and condition of the outside of the tram					
6.	Waiting for the tram		The length of time it took to board the tram			10	10	
915	Approximately, how long did you wait for your tram? (Please write in the time in minutes)	921.	Thinking about whilst you were on the tram, please	e Indicate I	how satisf N Fairly satis	stisfied you were wi Netther satisfied nor Fairly discatified discaliding	with the following	Mowing: Don't know/no
Q16a.	 Did you check any of the following to find out when the tram was meant to arrive? (Please tick all that apply) 	the tram was meant to acrive?	The cleanliness and condition of the inside of the tram.					
	Before leaving for the train stop Leaflet/paper timetable	At the tram stop Electronic display at the stop	Sufficient room for all the passengers to sit/stand The comfort of the seats.	100		100	100	
	Live tram focator/timings (e.g. via mobile app/web)	1	The amount of personal space you had around you manage around you around you are a second to the around the					
	Disruption updates [e.g. on Twitter/Facebook]	(e.g. via mobile app/web)	Provision of grab rails to hold on to when standing/ moving about the train		000	000	DDE	
Q16b.	 If you did not check to find out when the train was meant to arrive, why was this? (Please tick all that apply) 	neant to arrive, why was this?	The amount of time the journey took				10	
	Knew the trams ran frequently on this route	Oldn't have time	smootnress/rreedon from Jottulg during the journey.	П				
Q17.	Approximately how long did you expect to wait for the tram? (Please write in the time in minutes)	Q22.	Did you get a seat on the tram? Yes – for all of the journey	No - bu	you wer	No – but you were happy to stand No – but you would have liked a seat	a seat	
Q18a.	Much longer than expected	ay, was it A little less time than you expected	ia. Did other passengers' behaviour give you cause to worry or make you feel uncomfortable during your journey? No	No worry o	r make y	ou feel und	mfortable	i g
Q18b.	. Were you able to board the first tram you wanted to travel on?	travel on?						

Example of typical questionnaire

								Your overall opinion of the Midland Metro journey you made when given this questionnaire	OU MAGE WITE	BINCH III	s duest	Onliane
	the influence of alcohol	Feet on seals	Feet on seals Music being played loudly Smoking				928.	Overall, taking everything into account from start to end of this journey, how satisfied were you with your journey on Midland Metro today? Very satisfied	end of this journey, how satisfied were yo Fairly dissatisfied	ow satisfied were	were you	ı with your
023c.	If yes: What local area was the tram travelling through or concerned?	or at which	at which stop was it when you were worried or	t when you	u were wo	wried or	029.	If something could have been improved on your journey on Midland Metro today, what would it have been?	on Midland M	etro today,	what wo	uld it have
024a.	Was your journey with Midland Metro today delayed	lat all?	in the second se	missionis								
Q24b.	If yes: Why was this? (Please tick all that apply) Due to a signal/points failure	Time It took passenger pay for tickets Had to use bus replace Other (please write in)	Time It took passengers to board/ pay for tickets	to board/			Q30.	How satisfied were you with the value for money of your journey on Midland Metro? Very satisfied	our journey on Midland Metro? Fairly dissatisfied Very dissatisfied. Don't know/No opinion. ey'rating you gave in the previous questi	ind Metro?	s questio	000 %
	Poor weating too long at signals	No reason give Don't know	No reason given		transpire (7			Comfort/journey quality for the fare paid	ity for ed above	-	
ġ	if yes: by approximately now long was your fourney today delayed: (Please write in the time in minutes)	day delayer	ă					of everyday terns	(please write in box).	(X		
026.	Were any of these items of information present on the tram? A man of the tram source/sourney times	tram?	\$	Ž		Don't know						T
	Audio announcements e.g. saying the next tram stop						ú	Your opinion of trams generally				
	An electronic display e.g. showing the next tram stop Information about tickets/fares		V 4			3.01	Q32a.	How would you rate Midland Metro services for the following:	ring: Meither			Don't
	A limetable management of the properties of how to make a complaint, if you had one consequent							Very good getting to local amenities for choose hosevirals loising abelilities	Good poor	, Poor	yery poor	knaw/na opinion
027.	Thinking about any Midland Metro staff you encountered on your journey, please indicate how satisfied you were with each of the following:	red on you	ur journey,	please inc	licate hov	v satisfied		nuntanatana			П	П
	Yelve Yelves	ry Fairly fled satisfied	Noither satisfied nor dissatisfied	Fairny	Very	Den't know/na apinian	Q32b.	And how satisfied are you overal! with Midland Me	vices for the follo	wing:		Don't
	The appearance of any staff							Vary satured as the satured sa	satisfied disatisfied	or Fairly and disselfied	dissatisfied	Angw/ng apinian
	The helpfulness and attitude of the staff											
	The safety of the driving (i.e. appropriateness of speed, driver concentrating)							Range of tickets available commencements and the Commencements and				

Ask friend/relative		J	ĺ	
About you About you About you About working Juli Lime (30+ hours). All the seeking work improvement working up to tworking a seeking work. About working John page group are you? About working John John John John John John John John	34.	Phone: Centro		
So more days a week		Frense tick the closest to your frequency of tram use)		
Nuch better than usual A little better th			00.0	Does your condition or illness have an advarse effect on your ability to make journeys by tram? Ves, a lot. Not at all uncommencement of the following best describes your ethnic background?
About you About you	135.	If you have used Midland Metro before, how typical would you say today's exp	erience was? Was it	
Have any of the following frequently stopped you making journeys by tram? (Please tick oil that apply) The places you can reach By Midland Metro		₹₹	00	Mixed
The places you can reach	136.	Have any of the following frequently stopped you making journeys by tram? (P	lease tick all that apply)	8 Drefer not to drive
About you Are you? About you Are you?		0000	retroussesses	How often are you able to ask someone else to drive you for local journeys? All or most of the time
Are you? Female		" <u>E</u> 1□□	Works	What is your postcode? (This will only be used for research purposes e.g. to help determine h far people live from the tram service) Live outside the UK
Not working – seeking work Not work No	7	About you	Ple	Please complete the contact details requested below if you would be happy to participate in future research projects
In which age group are you?	\$			out ravel. me: ephone number:
80+? 8 [u] I lime (30+ hours)	8	are you? 55-59		ail address:
It fine (30+ hours)				Thank you for your help in completing this questionnaire. Please return it in the envelope provided or use the following Freepost address: Tham Passenger Survey. Perspective Research Services Ltd
Otherwinensammuninensammunin	Ų,	Il time (30+ hours)		FreeDot Wasto-SAUCHTON PassengerTocus III Rigisbourne House 229-231 High Holborn LONDON WCLV 7DA
		∄ □		cheep it began servated from the Stift Contents of mission from the manifester of the American problem is served from Contents of the American Stift Stift Contents of the American Stift

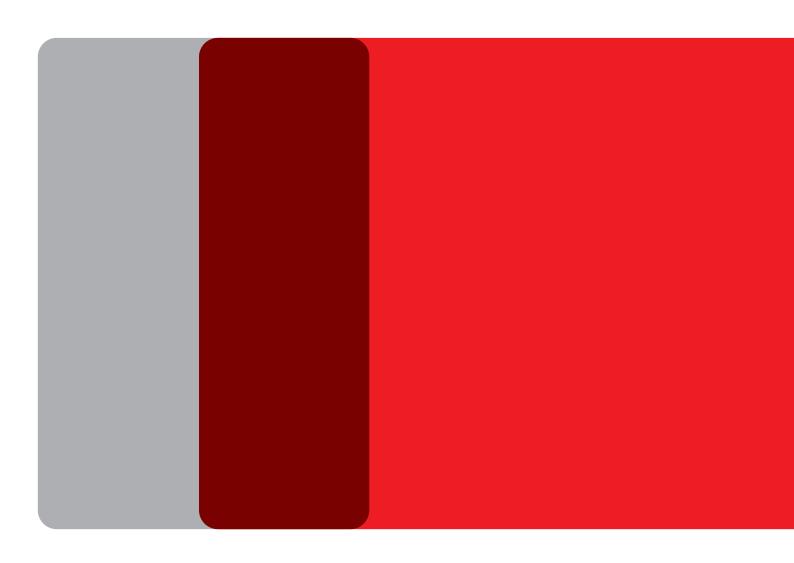
Tram Passenger Survey

/	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
l .	
N.	

Tram Passenger Survey

/	
1	
1	
1	
1	
1	
1	
1	
1	
1	
A	





Contact Passenger Focus

Any enquiries regarding this research should be addressed to:

Keith Bailey Senior Research Adviser Passenger Focus t 0300 123 0822

e keith.bailey@passengerfocus.org.uk **w** www.passengerfocus.org.uk

Fleetbank House 2-6 Salisbury Square London EC4Y 8JX

Passenger Focus is the operating name of the Passengers' Council

Published in March 2015 © 2015 Passenger Focus

Design and Print by **TU ink** www.tuink.co.uk