



National Station Improvement Programme
Streatham Hill Station – Final report

January 2010

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National Station Improvement Plan
Streatham Hill Station Summary Report

Passenger Focus
April 2009

Prepared by:
Sonya Courtney
Graduate Consultant

Approved by:
Fiona Lever
Associate Director

Rev No	Comments	Date
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Beaufort House, 94/96 Newhall Street, Birmingham, B3 1PB
Telephone: 0121 262 1900 Fax: 0121 262 1994 Website: <http://www.fabermaunsell.com>

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Introduction

1 Introduction

1.1 Overview

Passenger Focus, Network Rail and the Association of Train Operating Companies (ATOC) appointed Faber Maunsell to investigate passenger perceptions and satisfaction with the station environment and facilities at 25 stations across England and Wales. This study aims to provide evidence to establish the impact of the National Stations Improvement Programme (NSIP) by measuring and benchmarking the level of passenger satisfaction with the station environment prior to any improvement work taking place. NSIP is a government-sponsored programme providing £150 million of funding to support improvements at 150 category A-E¹ rail stations across England and Wales. A similar study will be repeated in 2009/2010 at the same stations after improvement works have been completed, thereby enabling the elements of the improvement works that had the greatest impact on passenger satisfaction to be determined.

Twenty seven reports have been produced for this survey; one overall report, twenty five individual station reports and one summary report for the five Anglesey stations. This report summarises the data for Streatham Hill station.

1.2 Report Layout

This report summarises the findings from the research undertaken at Streatham Hill station prior to the implementation of NSIP. Following this introduction, **Chapter 2** discusses the methodology used in undertaking the 'before' surveys, **Chapter 3** reports on the findings of the survey and **Chapter 4** summarises the findings.

¹ National rail stations are categorised in six bands, broadly corresponding to their level of use. Major termini are found in category A, whilst unstaffed halts are found in category F.

Method

2 Method

2.1 Questionnaire Design

Faber Maunsell designed the questionnaire in conjunction with Passenger Focus, Network Rail and ATOC. The questionnaire identified which station the respondent was handed the questionnaire, whether each respondent was arriving, leaving or changing trains and the mode of travel to or from the station. Respondents were asked whether there was an alternative mode of travel they would like to use to access the station, what it was and what improvements would be needed for them to use this mode. Respondents were then asked to rate a number of station facilities and their overall satisfaction with the station, where they were handed the questionnaire. It is important to note that where respondents have expressed dissatisfaction with a facility that does not currently exist at the station, it may be because they feel such a facility should be provided. Respondents were then asked to indicate which facilities are important to them and which single new facility currently not available they would like to see at the station. They were then asked to rank existing facilities in need of improvement and whether they had noticed any improvement in the past year. General respondent profile and ticket information was also collected. A copy of the questionnaire can be seen in **Appendix A**.

2.2 Fieldwork

Self completion questionnaires were handed out to passengers at each station between 22nd November 2008 and 18th December 2008. Three six hour shifts were carried out at each station: one weekday morning shift 07:00-13:00; one weekday afternoon shift 13:00-19:00; and one Saturday shift 10:00-16:00.

Interviewers were provided with 210 questionnaires to hand out at each station over each six hour shift. This was possible at the busier stations but not so at those stations with lower footfalls. On average around 160 questionnaires were handed out per shift. The questionnaires were handed out by trained interviewers, with pens and reply-paid envelopes.

Where possible, passengers were encouraged to return the completed questionnaires to interviewers, before boarding the train. If this was not practicable respondents were asked to complete the questionnaire at another time during the day and return it by post using the reply-paid envelope.

2.3 Additional Shifts

After completing three interviewer shifts at each station, the number of returned questionnaires at some stations was low. In order to boost the sample size at these stations, extra shifts, were conducted between the 15th and 19th December 2008. The additional shifts were all carried out over the morning peak. Interviewers were asked to start at 07.00 and continue until at least

10.00. Interviewers were asked to distribute 100 questionnaires at each of the stations.

Table 1 below highlights the number of shifts undertaken at Streatham Hill station and the number of returned completed surveys.

Table 1 Number of shifts and returned questionnaires

Station	Initial shifts (230 surveys to be handed out per shift)	Number of completed surveys returned	Daily Patronage Figures ²	Approx. response rate
Streatham Hill	3	120	2761	4.3%

2.4

Data Entry and Processing

All questionnaires received by 7th January 2009 (2,117) were data entered by F1 Data Services. Each questionnaire was checked and allocated a unique serial number for identification purposes by Faber Maunsell before it was sent off for data entry. F1 Data Services coded questions where necessary and data entered the surveys into a fixed-column ASCII file. To ensure data quality, F1 Data Services entered the data twice (double entry) and compared the two files for verification. Questionnaires (97) received between 7th January and 16th January 2009 were data entered and coded in house and merged with the data set from F1 data services.

On receipt of the data file, Faber Maunsell created a syntax file which read the data into SPSS and checked the range, routing and logic of answers given by respondents. Checks included running frequency tables to ensure all responses were valid and all routing was correctly observed. In instances where data from linked questions was missing but could be deduced from subsequent questions syntax was written to cater for this. For example, if Q2 was blank but Q3 was answered, code 1 would be inserted at Q2. However, if it was not clear what the response should be, the data was cleared. For example if Q2 was blank but both Q3 and Q4 were answered the data for Q3 and Q4 would be cleared from the data set. For Q14 only comments accompanying a ranking have been reported. Any rankings numerically higher than three have been removed.

Once the checks on the data had been made, frequencies, cross tabulations and mean scores were run. As well as a data set for all responses, individual data sets were produced for each station. Due to the low sample size, a combined data set for the five Anglesey stations was also produced.

2.5

Response Rate and Respondents Profile

In total, 120 questionnaires were received from respondents at Streatham Hill station; 37.2% of respondents were male and 62.8% female³. The highest

² Figures taken from Office of Rail Regulation website 2007 figures (data collated by Delta Rail)

³ N=94

proportion of respondents was aged 26-34 (43.2%) and the majority (104⁴) did not have a disability. However two respondents had mobility impairments, two people had hearing impairments, one person had a visual impairment, one person had a speech impediment, one person had learning difficulties and three people had 'other' disabilities not listed on the questionnaire.

The majority (88.1%⁵) of respondents used Streatham Hill station at least once a week. The most common reason for using Streatham Hill station was for the daily work commute, chosen by half (50.8%⁶) of respondents. The majority (90⁷) of respondents at Streatham Hill were not travelling with any other adults, nine were travelling with another adult and one was travelling with three other adults. Eight respondents were travelling with one child each, two were travelling with two children each, and one was travelling with six children.

2.6 Travel Habits

Table 2 Type of tickets used for journey at Streatham Hill station

What type of ticket did you use for your journey?	Number of responses
Anytime single or return	20
Off-peak single or return	11
Standard season ticket	28
Super off-peak saver return	1
One day travel-card	8
Rail staff/privilege ticket/police concession	2
Oyster	22
Freedom pass	13
Other	13

It can be seen from **Table 2** that out of the 118 respondents that answered the question 'What type of ticket did you use for your journey?' 23.7% used a standard season ticket. Oyster cards and anytime single or return tickets were also common ticket types (18.6% and 16.9% of respondents respectively).

⁴ N=114

⁵ N=118

⁶ N=118

⁷ N=100

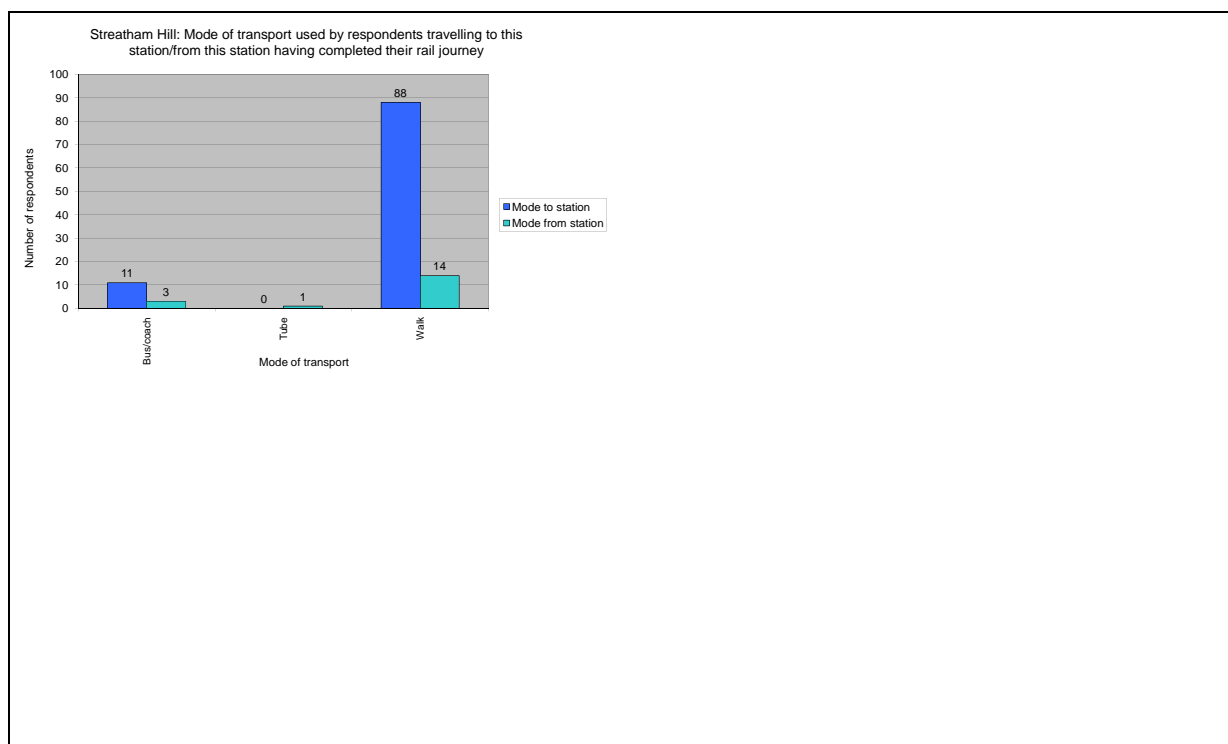
Analysis

3 Analysis

3.1 Journey to/from the Station

Most respondents (82.5%⁸) that completed the questionnaire at Streatham Hill were arriving at the station whilst 16.7% were leaving the station and only 0.8% were changing between trains.

Figure 1 Mode of transport to and from station



It can be seen from **Figure 1** that the majority of respondents questioned walked both to (88.9%⁹) and from (77.8%¹⁰) Streatham Hill station.

Most respondents did not feel that there was an alternative method of transport they would like to use to get to (73.4%¹¹) and from the station (72.0%¹²) if circumstances were different. Amongst those that listed alternative methods of transport, the most popular method for arriving at Streatham Hill station was bus/coach, chosen by 27.6%¹³ and 34.8%¹⁴ of respondents respectively. Other popular alternative transport methods to the station were tram/light rail (20.0%), bicycle (parked at the station) and Underground train (both with 16.0% of

⁸ N=120

⁹ N=99

¹⁰ N=18

¹¹ N=109

¹² N=100

¹³ N=29

¹⁴ N=23

respondents). The most popular alternative method for leaving Streatham Hill station was bus/coach (31.8%¹⁵ of respondents), followed by bicycle parked at the station (18.2%). The most popular additional facilities/services to enable the use of alternative methods of transport were found to be a more convenient drop-off point, chosen by eight respondents (out of a total of 92 multiple responses) and a direct/non-stop service, chosen by seven respondents.

A bus/cycle lane on the approach to the station, a more convenient pick-up point, a more frequent bus/coach service, discounted fares; a direct/non-stop service and better connection timings between trains and buses were all popular and were chosen by six respondents.

3.2 Station Satisfaction

When asked, 'How satisfied are you with facilities at the station from a scale of 1-5, when 1 is very unsatisfied and 5 is very satisfied?', **Table 3** shows respondents at Streatham Hill station were largely neither satisfied nor dissatisfied to dissatisfied with most of the listed facilities.

Respondents were generally satisfied with:

- The public transport availability

Respondents were neither satisfied nor dissatisfied with:

- Car parking
- Bicycle storage
- Taxi services

Information from the client reveals that there are no bus services, car parking facilities, bicycle storage facilities or taxi services.

When asked, 'Thinking overall, how satisfied are you with this station from a scale of 1-10, when 1 is very unsatisfied and 10 is very satisfied? the mean level of satisfaction with Streatham Hill station was found to be 4.16¹⁶ i.e. fairly unsatisfied.

Most (58.0%¹⁷) respondents questioned felt that over the past year Streatham Hill station had got worse; 21.4% felt the station had stayed the same and 20.7% felt the station had got better. The main reasons given for these changes included:

- The lack of information on, and view of, the building work (noticed by 29 respondents)
- The run down/deteriorated nature of the station (noticed by 14 respondents)

Most (58.3%¹⁸) respondents felt that there had been no noticeable improvements to Streatham Hill station over the past year.

¹⁵ N=22

¹⁶ N=117

¹⁷ N=69

¹⁸ N=108

Table 3 Station satisfaction

Facility	Very Satisfied (%)	Satisfied (%)	Neither Satisfied nor Dissatisfied (%)	Dissatisfied (%)	Very Dissatisfied (%)	Mean Score (1 to 5)
1. Car parking at the station						
The number of spaces	9.1	0.0	36.4	22.7	31.8	2.32
Car park security	5.3	5.3	52.6	10.5	26.3	2.53
2. Bicycle parking facilities						
The number of cycle parking facilities	0.0	2.3	27.9	30.2	39.5	1.93
The security of the cycle parking facilities	0.0	2.6	28.2	33.3	35.9	1.97
Cycle routes to and from the station	0.0	2.3	31.8	29.5	36.4	2.00
Protection from the weather	2.3	2.3	25.0	31.8	38.6	1.98
3. Ease of drop off by car:						
Secure and well-lit waiting area	3.2	9.7	14.5	35.5	37.1	2.06
Protection from the weather	4.9	6.6	14.8	39.3	34.4	2.08
Waiting area for cars picking up/drop off	1.7	3.4	15.3	27.1	52.5	1.75
4. Public transport availability						
Frequency of local buses serving the station	34.7	44.6	9.9	8.9	2.0	4.01

Facility	Very Satisfied (%)	Satisfied (%)	Neither Satisfied nor Dissatisfied (%)	Dissatisfied (%)	Very Dissatisfied (%)	Mean Score (1 to 5)
Information on the services available	9.9	39.6	29.7	17.8	3.0	3.36
Ease of getting to the bus stop	23.2	51.5	12.1	10.1	3.0	3.82
Overall	15.2	52.5	17.2	13.1	2.0	3.66
5. Availability of taxis						
Signage	1.4	15.9	24.6	39.1	18.8	2.42
Queuing arrangements	0.0	17.9	28.4	35.8	17.9	2.46
Overall	1.4	14.3	28.6	38.6	17.1	2.44
6. Ease of access on foot to station entrance:						
Lighting	6.3	48.2	25.9	16.1	3.6	3.38
Signage	5.3	48.7	25.7	16.8	3.5	3.35
Safe walking route	5.3	41.2	24.6	18.4	10.5	3.12
Overall	5.5	40.4	28.4	21.1	4.6	3.21
7. Passenger information services:						
Direction signs to the station	4.7	28.0	41.1	20.6	5.6	3.06
Direction signs to find your way around the station	9.7	55.8	24.8	8.0	1.8	3.64
Electronic departure boards	12.1	62.1	12.9	9.5	3.4	3.70

Facility	Very Satisfied (%)	Satisfied (%)	Neither Satisfied nor Dissatisfied (%)	Dissatisfied (%)	Very Dissatisfied (%)	Mean Score (1 to 5)
Visibility of electronic departure boards	10.3	51.3	14.5	20.5	3.4	3.44
Up to date timetable posters	7.9	41.2	35.1	11.4	4.4	3.37
Provision of real time information screen displays	13.3	45.1	24.8	13.3	3.5	3.51
Visibility of real time information screen displays	10.6	40.7	24.8	21.2	2.7	3.35
Local area information e.g. places of interest, maps, direction to buses	1.0	18.1	33.3	41.9	5.7	2.67
Audibility of public-address announcements	5.2	52.2	19.1	15.7	7.8	3.31
Information on where to buy your ticket(s)	10.7	60.7	25.0	2.7	.9	3.78
Information on the different types of fares	5.4	17.0	42.0	31.3	4.5	2.88
Information on what to do if the ticket office is closed/ticket machines not working	3.6	11.7	35.1	37.8	11.7	2.58
8. Passenger facilities:						
Appearance of booking office	.9	20.0	29.6	35.7	13.9	2.58
Availability of seating on platforms	0.0	7.0	21.9	46.5	24.6	2.11

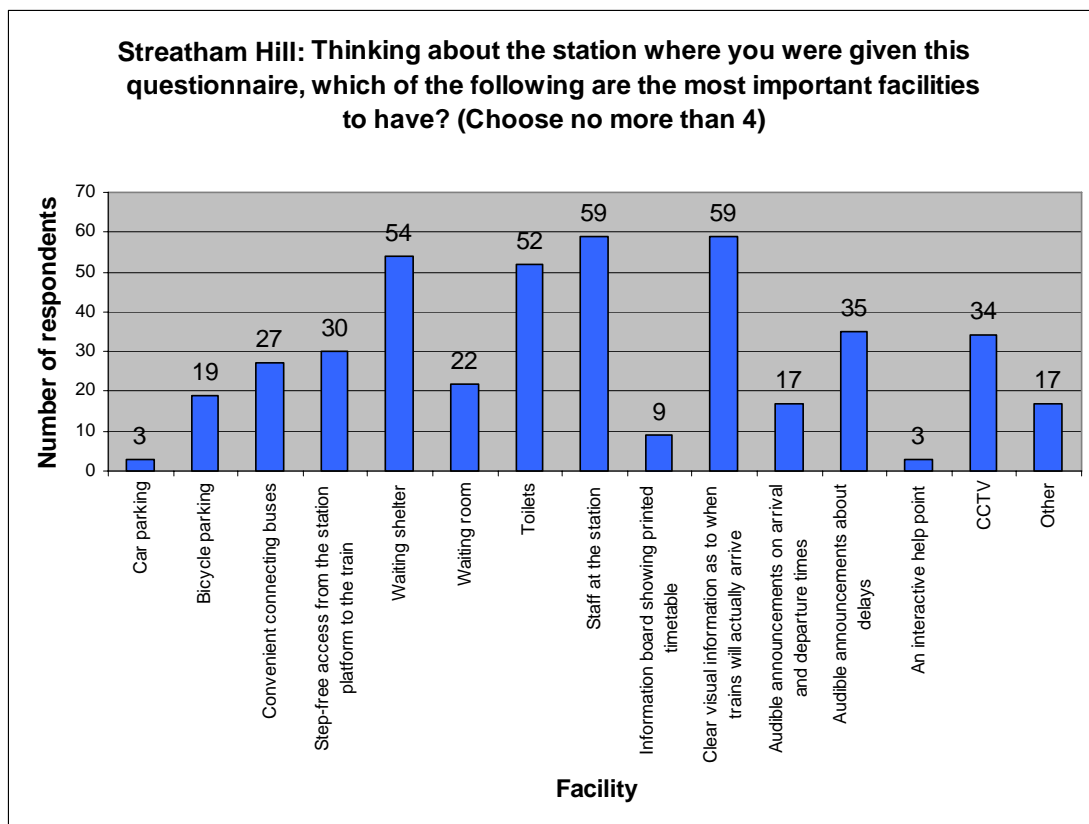
Facility	Very Satisfied (%)	Satisfied (%)	Neither Satisfied nor Dissatisfied (%)	Dissatisfied (%)	Very Dissatisfied (%)	Mean Score (1 to 5)
Availability of shelter on platforms e.g. a canopy	0.0	10.8	20.7	40.5	27.9	2.14
Condition of shelter on platforms	1.8	17.1	21.6	35.1	24.3	2.37
Availability of waiting rooms	1.8	16.1	25.9	40.2	16.1	2.47
Security of waiting rooms	.9	19.6	41.1	25.0	13.4	2.70
Lighting in waiting rooms	3.7	29.4	45.0	14.7	7.3	3.07
Heating in waiting rooms	1.0	12.9	40.6	29.7	15.8	2.53
Availability of toilets	0.0	4.2	13.5	26.0	56.3	1.66
Condition of toilets	0.0	3.9	33.3	19.6	43.1	1.98
Availability of platform seating	.9	8.7	13.9	53.0	23.5	2.11
Condition of platform seating	.9	16.4	25.5	39.1	18.2	2.43
Refreshment facilities	2.9	21.4	34.0	25.2	16.5	2.69
Retail outlets (newsagents etc.)	3.2	7.4	28.4	34.7	26.3	2.26
Public telephones	0.0	5.9	42.4	22.4	29.4	2.25
Availability of rubbish bins	0.0	15.9	29.0	34.6	20.6	2.40
Clocks	3.6	31.3	27.7	24.1	13.4	2.88

Facility	Very Satisfied (%)	Satisfied (%)	Neither Satisfied nor Dissatisfied (%)	Dissatisfied (%)	Very Dissatisfied (%)	Mean Score (1 to 5)
9. Station areas						
Main station entrance/exits	1.7	22.4	22.4	31.9	21.6	2.51
Other entrance points/walking routes to platforms	2.1	15.8	22.1	24.2	35.8	2.24
Ticket office/sales points	4.4	24.6	32.5	27.2	11.4	2.83
Platforms	2.6	27.2	29.8	25.4	14.9	2.77
Subways	2.3	23.3	37.2	18.6	18.6	2.72
Footbridges	0.0	10.5	22.1	32.6	34.9	2.08
Lifts	0.0	13.5	32.4	8.1	45.9	2.14
Escalators	3.2	9.7	29.0	16.1	41.9	2.16
Track bed free from litter and vegetation	.9	21.3	33.3	27.8	16.7	2.62
Areas around platforms free from litter/unwanted vegetation	0.0	27.5	32.1	19.3	21.1	2.66
Flower beds/vegetation	0.0	9.6	23.3	30.1	37.0	2.05
10. Safety and security						
Number of visible staff in the daytime	5.1	40.7	29.7	14.4	10.2	3.16
Number of visible staff after dark	2.7	17.1	18.9	30.6	30.6	2.31

Facility	Very Satisfied (%)	Satisfied (%)	Neither Satisfied nor Dissatisfied (%)	Dissatisfied (%)	Very Dissatisfied (%)	Mean Score (1 to 5)
Level of CCTV provision	1.0	12.5	53.8	15.4	17.3	2.64
Station lighting	2.6	27.0	32.2	26.1	12.2	2.82
Provision of Help Points	4.5	17.3	45.5	19.1	13.6	2.80
Location of Help Points	4.6	16.5	47.7	19.3	11.9	2.83

3.3 Important Station Facilities

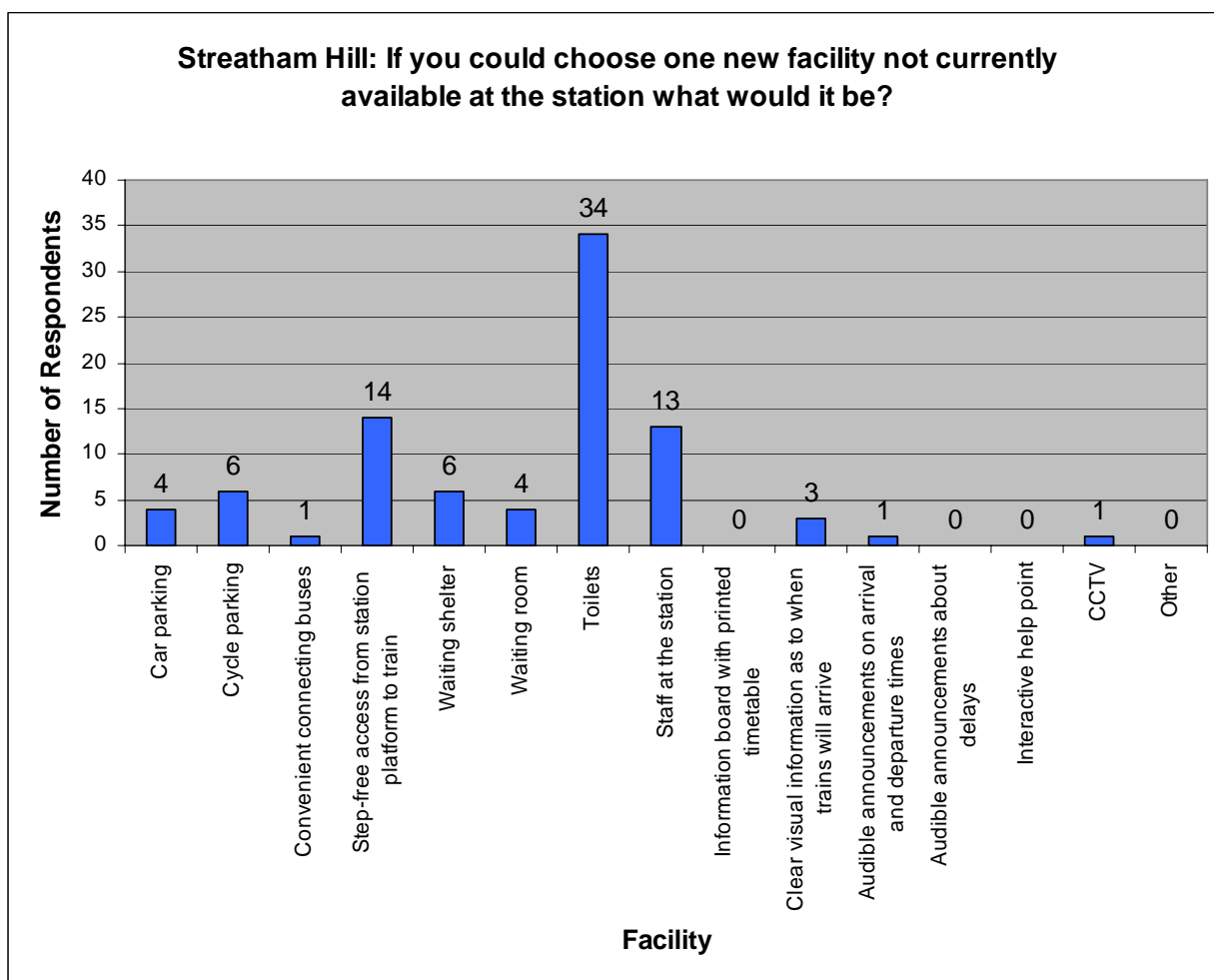
Figure 2 Important facilities



Respondents were asked to select from a list up to four facilities they feel it is important to have at their station. Out of the 440 responses to the question ‘Thinking about where you were given this questionnaire, which of the following are the most important facilities to have?’ **Figure 2** shows the three most important facilities were;

- Staff at the station and ‘clear visual information as to when trains will arrive’, each chosen by 59 respondents
- This was followed in popularity by a waiting shelter (with 54 responses)
- Toilets (52 responses)

Figure 3 Facilities desired

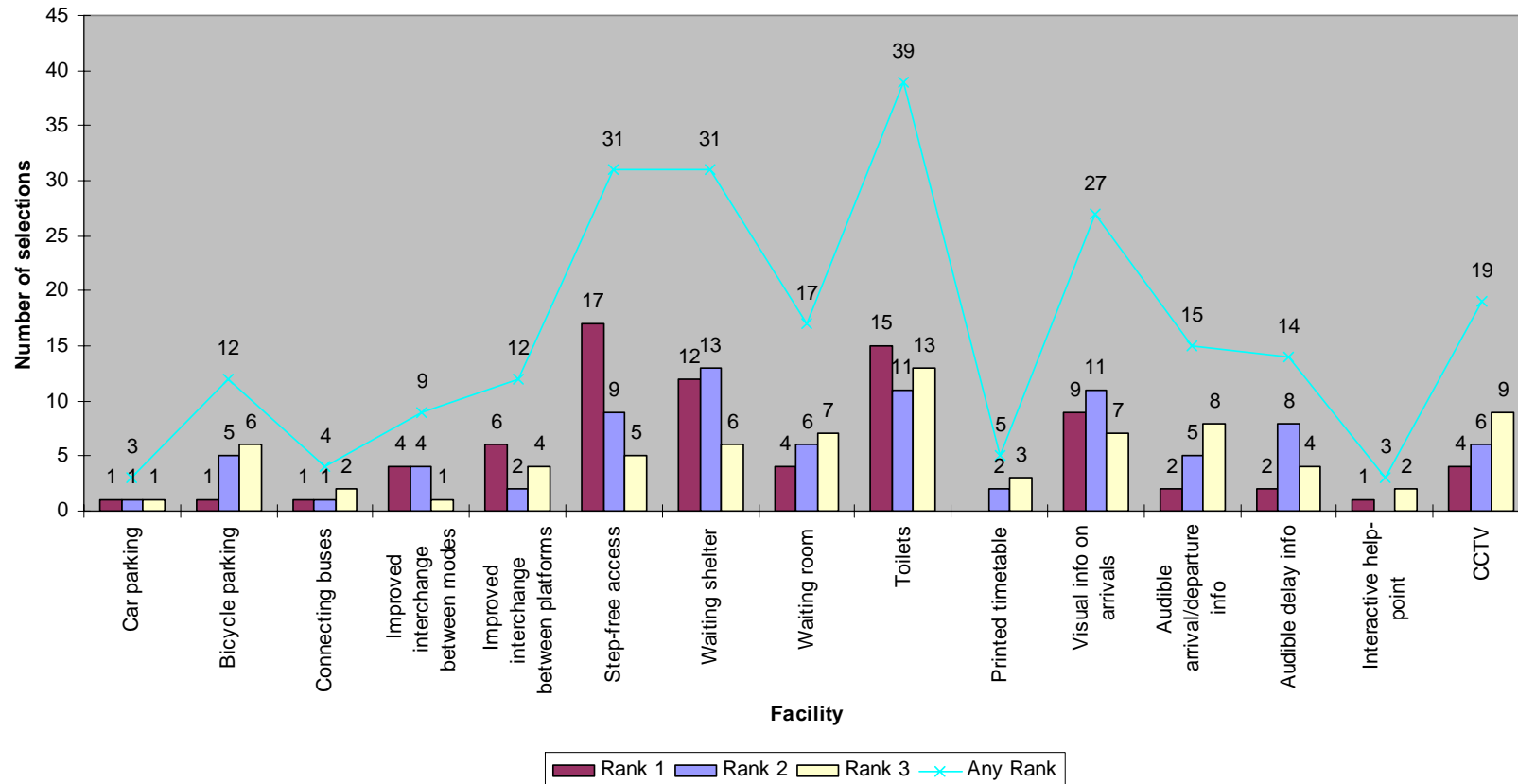


Respondents were asked to choose from a list which single facility not currently available at their station they would like to see added. It can be seen from **Figure 3** that new toilet facilities were the most wanted single feature at Streatham Hill and this was chosen by 31.5%¹⁹ of respondents, followed by ‘step-free access from the station platform to the train’ (13.0%) and more staff at the station (12.0%).

¹⁹ N=108

Figure 4 Facilities in need of improvement

Streatham Hill: 'Of the existing facilities at the station you were given this questionnaire, please rank your top three facilities in need of improvement (with 1 being the most important, 2 being 2nd most important and 3 being third most important)?'



3.4 Facilities in Need of Improvement

Respondents were asked to rank the top three facilities in most need of improvement at the station where they were given their questionnaire and to state why. It can be seen from **Figure 4** that overall the facility ranked in most need of improvement at Streatham Hill was:

- Toilets (ranked by 39 respondents)

The main comment made about toilet facilities at Streatham Hill was that there are none.

This was followed in need of improvement by:

- The waiting shelter (ranked by 31 respondents)
- 'Step-free access from the station platform to the train' (ranked by 31 respondents)

Comments made about the waiting shelter included: shelter is very limited; the shelter is not big enough; and more shelter is needed, especially when it is raining or cold. Comments made about step-free access from the station platform to the train included: there is no step-free access; the stairs are very busy and steep; access is difficult for those with luggage, the elderly, the disabled and those with pushchairs.

Amongst respondents questioned the facilities that were most likely to be ranked first in terms of need of improvement included:

- 'Step-free access from the station platform to the train' (ranked first by 17 respondents)
- Toilets (ranked first by 15 respondents)
- The waiting shelter (ranked first by 12 respondents)

Amongst facilities deemed to be of second greatest importance were:

- The waiting shelter (ranked second by 13 respondents)
- Toilets (ranked second by 11 respondents)
- 'Clear visual information as to when trains will actually arrive' (ranked second by 11 respondents)

Finally, the facilities most likely to be ranked of third greatest importance in terms of need of improvement included:

- Toilets (ranked third by 13 respondents)
- CCTV (chosen by nine respondents)
- 'Audible announcements about arrival and departure times' (chosen by eight respondents).



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Passenger Focus
FREEPOST (RRRE-ETTC-LEET)
PO Box 4257
Manchester
M60 3AR

0300 123 2350
www.passengerfocus.org.uk
info@passengerfocus.org.uk

Passenger Focus is the operating
name of the Rail Passengers Council