

Office Freight: Understanding deliveries to offices

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### Background

With continuing population growth in London the volume of vehicles travelling in and through the Capital is becoming an increasing problem.

Freight vehicles accounted for 17% of all vehicle kilometres in 2010, TfL view freight as a potential target for improving London's roads.

### The overall objective for this piece is in relation to the <u>office</u> sector:

- IfL would like to build a better picture of the delivery and servicing activity in London's offices (which generates freight transport on London's roads)
  - Identify emerging patterns with the office freight market

Identify office characteristics that correlate with delivery variables such as number of deliveries, frequency, type, time etc

### **Objectives**

The specific objectives are:

To understand offices in London in relation to deliveries/ collections/ service visits



Collecting
information on the
volume and type of
deliveries/ collections/
service visits that people
receive in their offices.

Understanding
the key details of
deliveries e.g. times,
days, mode of transport
used, parking used, any
problems

Understanding the impact of variables such as building/company size, industry and area of London



### Methodology slide

Online survey

1

1,293 online interviews

2

Business sample
- those involved
with deliveries/
collections/
service visits to
their office
building, who
told us they
were in a
position to give
details about
this subject

3.

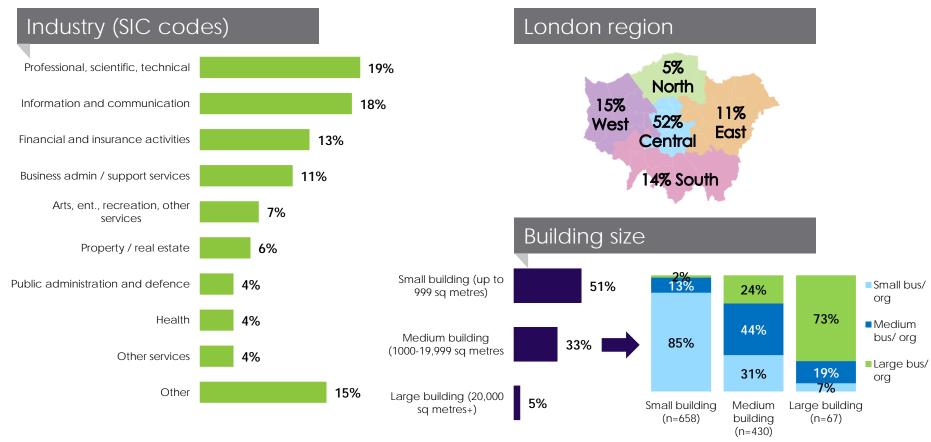
All respondents were based in offices within the M25 4

15 minute survey

5.

Fieldwork dates: 16th September - 6th October 2015

#### Sample breakdown





Key findings

#### Overview of the London Office Freight market

Daily average deliveries/collections/visits

% that use a loading bay

Potential to use a loading bay

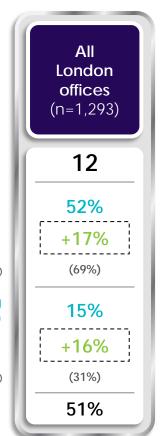
(Usage + potential of loading bays)

Receive visits outside normal working hours (7pm-6.59am)

Potential to receive visits outside working hours

(Usage + potential of receiving visits outside working hours)

Percentage <u>NOT</u> having any consolidated deliveries









Small building = up to 999 sq. metres (n=658); Medium building = 1000 - 19,999 sq. metres (n=430); Large building = 20,000+ sq. metres (n=67)

### Key findings: Understanding offices in relation to visits

**Bigger buildings** are better equipped for deliveries – they're more likely to have a loading bay, post room, 24 hour receptionist and can receive more deliveries outside normal working hours



Over two thirds of offices have access to a loading bay, the majority of which are off street

• However, over **one in five** use restricted parking areas as an option – rising to a **quarter** of small buildings



Just under 1 in 3 offices can receive visits outside of 'normal' working hours (between 7am and 7pm), however only 16% of all offices are currently doing so



**49%** are currently receiving deliveries **in consolidation**, increasing to **60%** among larger buildings. However consolidating deliveries appears to be driven by the providers and not the receiving businesses



Nearly three-fifths of businesses have a post room, increasing to two-thirds of shared office buildings



Almost all offices allow personal deliveries (only 3% of companies have restrictions on staff receiving personal post) – accounting for nearly one fifth of deliveries on average





#### Recommendations

Larger buildings receive the highest volume of deliveries and are currently well equipped to handle them. However, they need to realise their potential to further increase their delivery handling efficiency by receiving even more deliveries after 7pm – potential to increase deliveries between 7pm and 7am by up to 21 percentage points



Smaller and medium sized buildings are less equipped to handle deliveries compared to their larger counterparts but do have potential to increase efficiency:

- Loading bay usage could be increased by up to 17 percentage points for both small and medium buildings
- Around 15% of deliveries could be received outside normal working hours instead
- Nearly half of deliveries aren't being received in combination with others. However, this is likely to be driven by the suppliers



By educating businesses on their options and benefits with regards to re-timing and consolidation, there are definitely areas where the movement of products and services around the Capital can be improved to reduce congestion on London's roads





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#### Key findings: Understanding the details of deliveries/ collections/ service visits

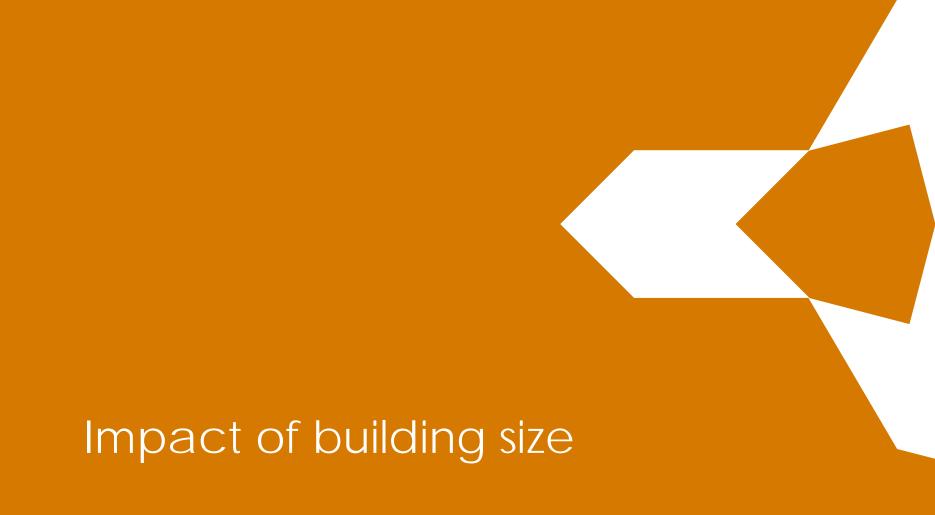
Business post deliveries are the most frequent visit to offices (average of seventy-five on a daily basis) - cleaning visits and personal post/ deliveries are also very frequent

- Business post and personal post/ deliveries are most likely to be received over five times a day (More than five deliveries a day are being received by 7% of companies for business post and 6% of businesses for personal post)
- Larger buildings receive the most daily deliveries/ collections and service visits across almost all visits
- Half of offices are currently not receiving any of these deliveries/ collections/ service visits in combination

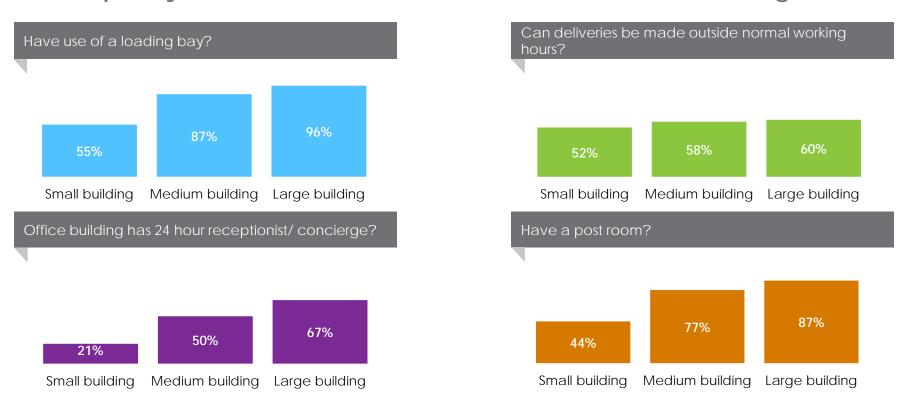
#### Key stats in relation to deliveries:



- There is roughly an even spread across the week, but Fridays are particularly busy for cleaning and professional/ letter document collection
- 10am-1pm is the most popular time for deliveries.
   Cleaning visits are more likely to be between 4pm-10pm and waste collection before 10am
- The majority of visits are 30 minutes or less.
   Cleaning and maintenance of the building/ equipment visits generally last longest
- Vans are the most used mode. Lorries are used mainly for waste collection/ bulky deliveries and bikes mainly for professional documents
- Off street parking areas/ loading bays are used most frequently. Over 1 in 10 used restricted parking areas – particularly for waste collection



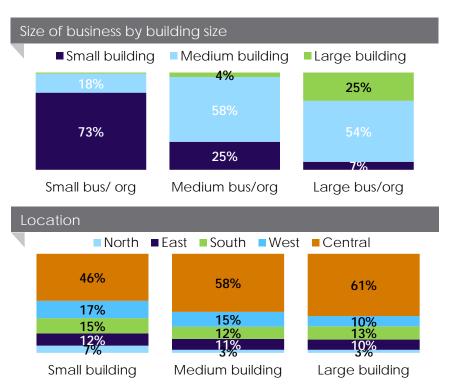
# Bigger buildings are generally better equipped for deliveries – they're more likely to have a loading bay, post room, 24 hour receptionist and consequently can receive more deliveries outside normal working hours

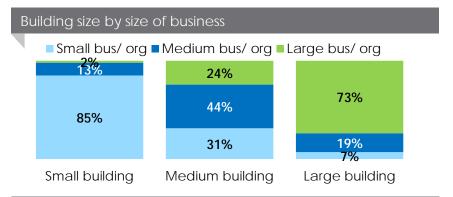


Small building = up to 999 sq. metres (n=658); Medium building = 1000 – 19,999 sq. metres (n=430); Large building = 20,000+ sq. metres (n=67)



#### A direct correlation exists between number of employees and building size

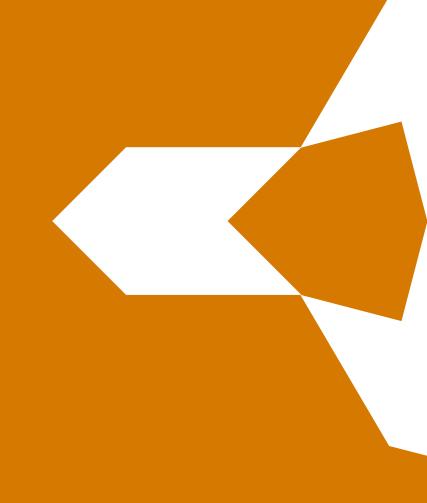




Larger buildings are occupied by more businesses/organisations from the following industries:

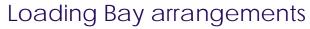
- Information and communication (25% large buildings vs. 18% total
- Financial and insurance activities (24% large buildings vs. 13% total)
- Public administration and defence (10% large buildings vs. 4% total

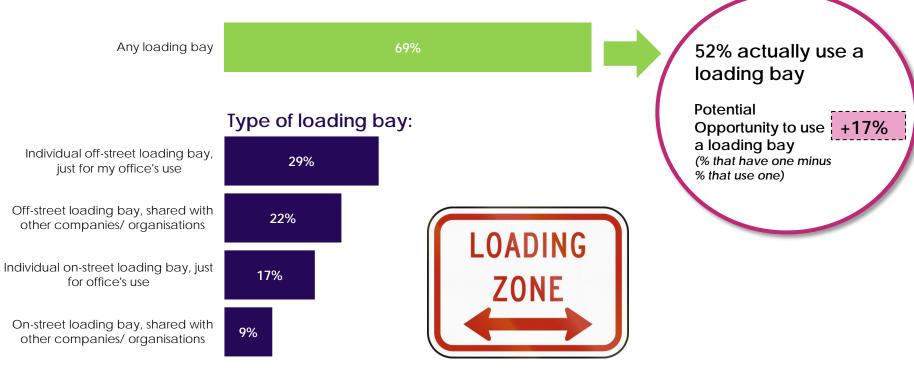
Small building = up to 999 sq. metres (n=658); Medium building = 1000 - 19,999 sq. metres (n=430); Large building = 20,000+ sq. metres (n=67) Small business/ organisation = 1-49 employees (n=764); Medium business/ org = 50-249 employees (n=329); Large business/ org = 250+ employees (m=194)



Parking options

## Around 7 in 10 offices have access to some form of loading bay, though only half of offices actually use one



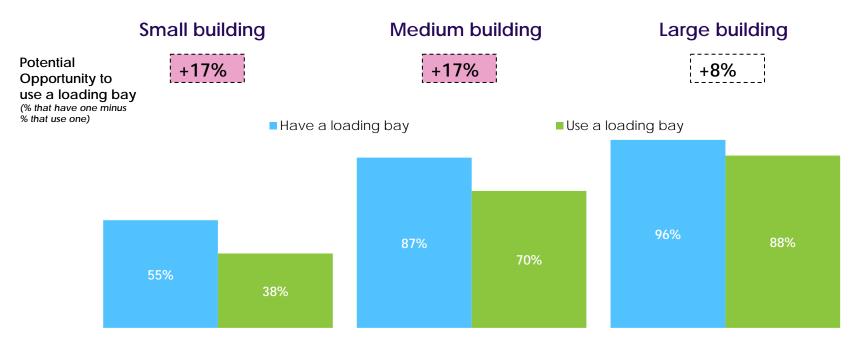


O8. What are the loading bay arrangements in your office? By a loading bay we mean a designated area specifically for loading/ unloading, usually marked out by white lines. Base: Total sample (n=1,293)



## Smaller and medium buildings have less access to loading bays but a greater potential to use existing ones more

% that can and do receive visits outside normal working hours (7pm-6:59am)

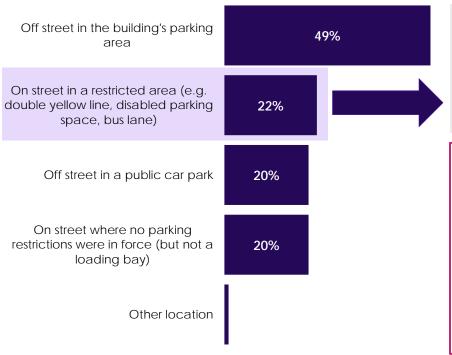


O8. What are the loading bay arrangements in your office?
O9b. Roughly what proportion of deliveries, collections and service visits to your office use each of the following for parking?
Small building = up to 999 sq. metres (n=658); Medium building = 1000 - 19,999 sq. metres (n=430); Large building = 20,000+ sq. metres (n=67)



## Other than loading bays, nearly half can park in the building's parking area. However over 1 in 5 use restricted parking areas as an option

Other parking options available (other than loading bays)



#### More likely to use <u>restricted</u> parking areas:

- In central London (30% vs. 10% to 16% in other regions)
- Smaller companies (25% vs. 17% medium and 18% large)
- Those with no loading bay (35%) or on-street shared loading bay (46%)



O9a. Other than loading bays, what are the other parking options that can be used for loading/unloading at your office? O10a. What , if any, parking restrictions are there outside your office? Base: Total sample (n=1,293)

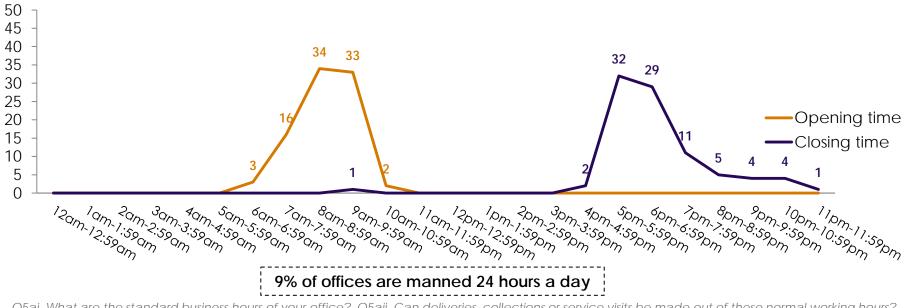




Most offices' business hours start between 7-10am and finish between 5-8pm – over half <u>claim</u> they can receive deliveries outside these hours

Normal working hours

 $52^{\%}$  claim that they can receive deliveries, collections or service visits outside of their own office's opening hours

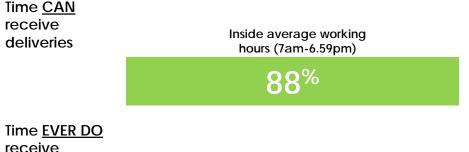


O5ai. What are the standard business hours of your office? O5aii. Can deliveries, collections or service visits be made out of these normal working hours? O5c: Is is possible to receive deliveries, collections, service visits at these times? Base: Total sample (n=1,293)

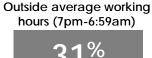
#### However, in terms of deliveries being possible after 7pm and before 7am, this decreases to 3 in 10 businesses

Actual delivery times vs. possible delivery times

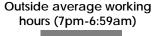














receive deliveries in each of these slots

% that can

% that do receive deliveries in each of these slots

O5c: Is possible to receive deliveries, collections, service visits at these times? Base: Total sample (n=1,293)

O5b. Using the time slots below, please type the % breakdown of deliveries which generally happen within each time slot. Base: rebased on total sample (n=1,293)

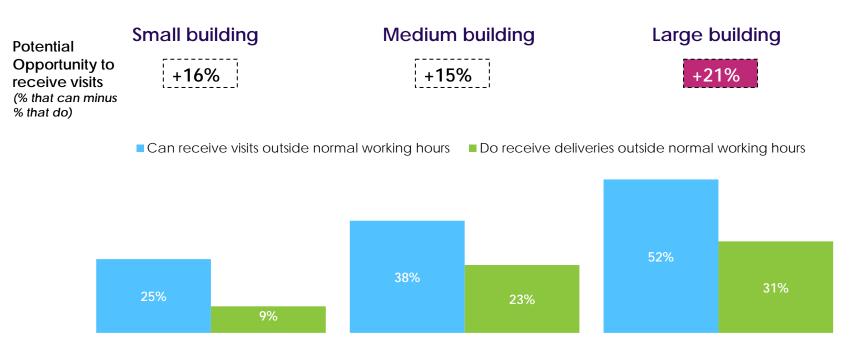


deliveries



Large buildings are more prepared to receive visits outside working hours, and they have the most potential to increase deliveries received in this time period

% that can and do receive visits outside normal working hours (7pm-6:59am)



O5c: Is possible to receive deliveries, collections, service visits at these times?

O5b. Using the time slots below, please type the % breakdown of deliveries which generally happen within each time slot.

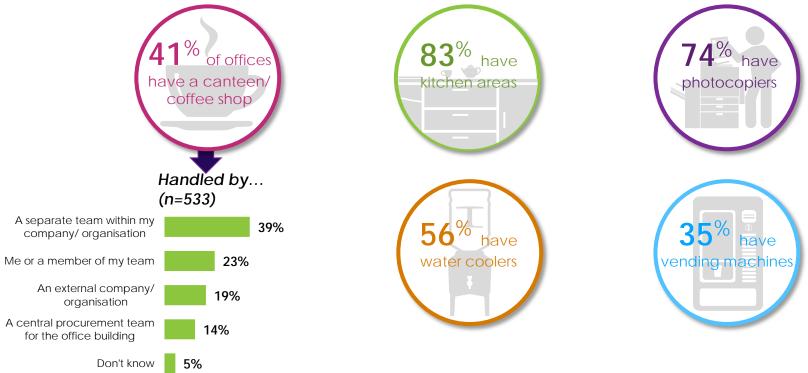
Small building = up to 999 sq. metres (n=658); Medium building = 1000 - 19,999 sq. metres (n=430); Large building = 20,000+ sq. metres (n=67)





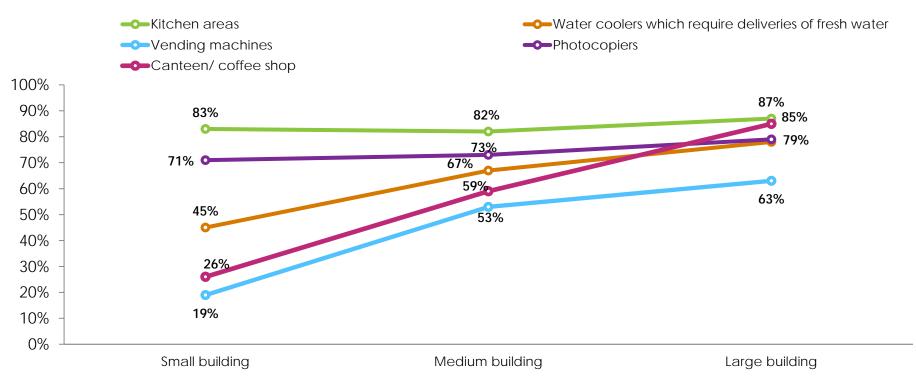
Most offices have kitchen areas and photocopiers. Over 40% have a canteen/ coffee shop, which in many cases requires a separate team

Facilities in the building



O11: Does your office have a canteen/coffee shop? Base. Total sample (n=1,293). O12. Who mainly handles the deliveries for the canteen/coffee shop? Base: those with a canteen/coffee shop. O13. Which of the following, if any, does your office have? Base: rebased on total sample (n=1,293).

## Most buildings have kitchen areas and photocopiers. Prevalence of other equipment/areas tends to be higher in bigger buildings



 $Small\ building = up\ to\ 999\ sq.\ metres\ (n=658);\ Medium\ building = 1000-19,999\ sq.\ metres\ (n=430);\ Large\ building = 20,000+\ sq.\ metres\ (n=67)$ 

O11: Does your office have a canteen/ coffee shop?

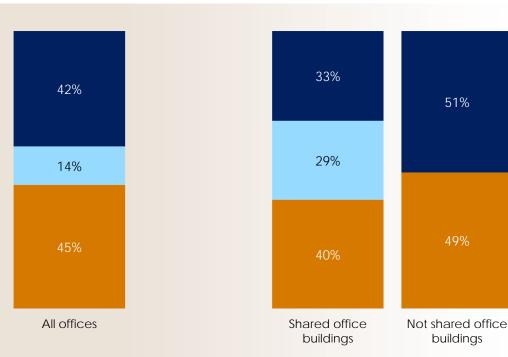
O13. Which of the following, if any, does your office have?. Base: rebased on total sample (n=1,293)

#### Nearly 60% have a post room, increasing in shared buildings - over 1 in 4 in shared buildings share this post room with other companies

51%

49%

Post room arrangements



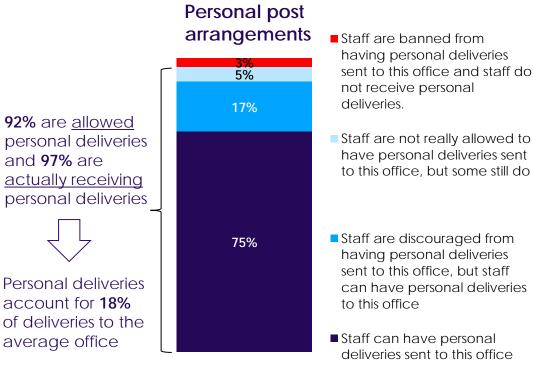


O7. What are the post room arrangements in your office? Base: Total sample (n=1,293)

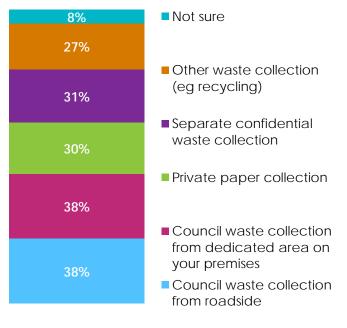


### Nearly all offices allow personal deliveries, which on average account for a fifth of deliveries. The main method for waste collection is with councils.

#### Other delivery/ collection arrangements







O14. Which of the following arrangements do you have for waste removal from your office?

E1. Which of the following best applies to your company/organisation's approach to personal deliveries/online orders sent to staff at your office? Base: Total sample (n=1,293)



#### How this section was asked

The following section shows overall delivery/ collection/ service visit levels, which were asked to all respondents..

Respondents were then asked detailed questions (day, time, length etc.) for up to five deliveries/ collections/ service visits, which they said they receive at least once a month.

To ensure they remembered the details clearly, they were only asked details about deliveries/ collections/ service visits they had received in the last week.

They were asked about <u>their most recent</u> delivery/ collection/ service visit of each type (for instance, their most recent business post delivery).

Respondents went through in a loop (asked all questions about one delivery at a time).

A least fill basis was used, to ensure we captured the details across an even spread of delivery types.

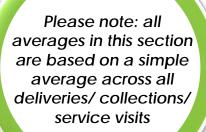
In order to compare across deliveries/ collections/ service visits, we have focused the detailed questions on ungrouped visits i.e. those happening separately



Detail of deliveries/ collections/ service visits

Base sizes for the detailed questions in the next section

Business Post	181
Food/ Drink	187
Stationery	197
IT equipment	189
Other small business related delivery (hand held)	182
Other bulky business related delivery (sack trucks/pallets)	200
Personal post (includes internet orders)	141
Personal deliveries, eg parcels (includes internet orders)	171
Paper waste collection	173
Other waste collection	176
Professional documents/ letters	177
Other collection	190
Cleaning	404
Maintenance of building e.g. lights, toilets etc	391
Maintenance of equipment e.g. printers, computers etc	380
Other service visit	258





#### Key facts: Most frequent deliveries

#### **Business Post**



receive daily (18% more than once a day)

- On Mondays (22%) and Tuesdays (18%)
- Between10am-1pm (49%)
- Last less than 10 minutes (78%)
- Delivered on foot (28%)

#### **Personal Post**

receive daily



(15% more than once a day)

- Between10am-1pm (54%)
- Last less than 10 minutes (84%)
- Delivered on foot (35%)
- Park on the street where no restrictions are in force (20%)

#### Cleaning



(9% more than once a day)

- On a Friday (30%)
- Between 4-7pm (21%) and 7-10pm (17%)
- Last over an hour: 1-2 hours (33%), 2 hours+ (14%)
- Arrive on foot (30%) or by car (17%)
- Park off street in the buildings parking area (43%)

### Personal deliveries i.e. parcels



- Between1-4pm (28%)
- Last under 10 minutes (80%)
- Delivered by van (57%)
- Park on the street where no restrictions were in force (20%)

### **>** |

#### Key facts across <u>deliveries</u> – showing the highest score(s) for each question

		% daily deliveries	Day	Time	Length	Vehicle used	Who makes delivery/ collection
	Business Post	75%	Monday/ Friday	0 7 0 0 1 6 0 0	Less Less		Royal Mail/ Courier
	Food/Drink	31%	Less likely on Thursday	0 7 0 0 1 6 0 0	Up to	000	Local tradesperson/ National Distributer
F	Stationary	14%	Monday/ Wednesday/ Thursday	1 0 0 0 1 6 0 0	Up to 3/1/2		Courier/ National Distributer
	IT equipment	13%	Wednesday	1 0 0 0 1 6 0 0	Up to		Courier/ National Distributer
	Other small business deliveries	21%	Even spread across week days	1 0 0 0 1 6 0 0	C Less	000	Courier
	Other bulky business deliveries	17%	Wednesday	1 0 0 0 1 6 0 0	C BD E	<b>10</b>	National distributer/ courier
	Personal post	53%	Monday/ Tuesday/ Friday	1 0 0 0 1 6 0 0	C Less		Royal Mail/ Courier
	Personal deliveries	47%	Fairly even spread across week days	10:00	C Less D E		Courier/ Royal mail

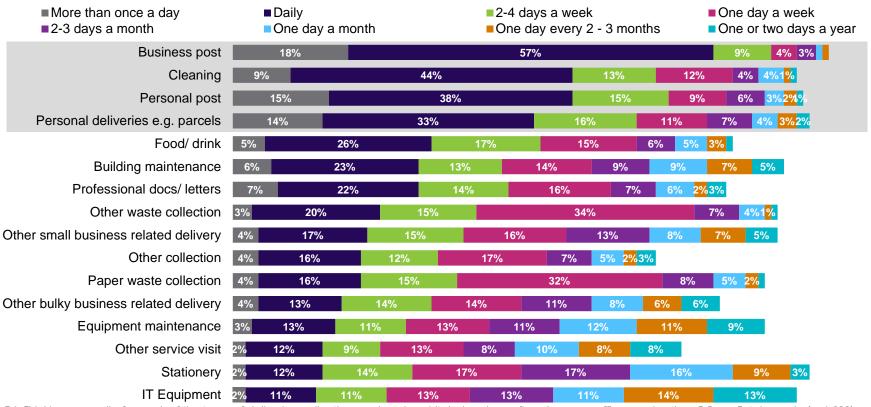
## Key facts across <u>collections/service visits</u> – showing the highest score(s) for each question

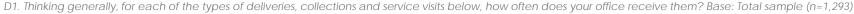
	% daily deliveries	Day	Time	Length	Vehicle used	Who makes delivery/ collection
Paper waste collection	20%	Thursday	07:00 13:00 10:00 16:00	C Less DE	[O]	Council
Other waste collection	23%	Wednesday/ Thursday	0700	C Less Less		Council
Professional documents/ letters	29%	Friday	1 0 0 0	Less D'É		Courier
Other collections	20%	Wednesday/ Friday	1 0 0 0 1 6 0 0	Up to	000	Courier
Cleaning	53%	Friday	0 7 0 0 1 6 0 0 1 0 0 0 2 2 0 0	From Up to 31 = -2 =	<b>*</b>	N/A
Maintenance of building	29%	Wednesday/ Friday	1 0 0 0	From Up to	0	N/A
Maintenance of equipment	16%	Wednesday	1 0 0 0 1 6 0 0	From Up to		N/A
Other service visit	14%	Wednesday/ Friday	1 0 0 0 1 6 0 0	Up to		N/A



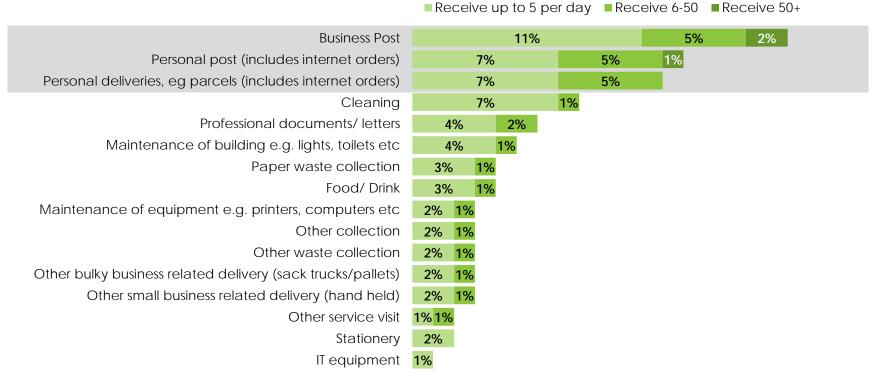
## Business post deliveries are the most frequent visit to offices (75% on a daily basis) - cleaning visits and personal post/ deliveries are also very frequent

Frequency of deliveries/ collections/ service visits received (ranked on visits received daily)



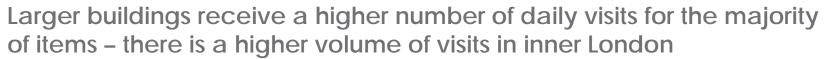


# Business post and personal post/ deliveries are most likely to be received over five times a day (7% receive over 5 business post deliveries per day) Number of deliveries/ collections/ service visits received per day



D1b.Thinking about the following deliveries./ collections/ service visits that you receive more than once a day, on average how many of these do you receive? Base: Asked to those received 'more than once a day.' Rebased on total sample (n=1,293)





Impact of building size and area on frequency of deliveries/ collection/ service visits

### Percentage of daily <u>deliveries</u> received by larger buildings compared to all buildings:

- Business post (79% vs. 76% total)
- Food/ drink deliveries (55% vs. 31% total)
- Stationery deliveries (33% vs. 15% total)
- IT equipment deliveries (31% vs. 13% total)
- Other small business related delivery (48% vs. 22% total)
- Big bulky deliveries (32% vs. 16% total)
- Personal post (61% vs. 53% total)
- Personal deliveries (67% vs. 37% total)



For almost all visits there is a higher volume in Inner London boroughs compared with Outer London boroughs

D1. Thinking generally, for each of the types of deliveries, collections and service visits below, how often does you office receive them?

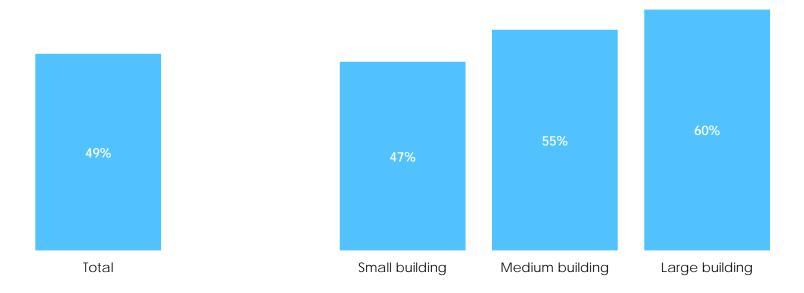
Base: Small building = up to 999 sq. metres (n=658); Medium building = 1000 – 19,999 sq. metres (n=430); Large building = 20,000+ sq. metres (n=67)





Half receive at least two deliveries/ collections in combination, increasing in larger buildings (potentially decreasing congestion through consolidation)

Received any deliveries/ collections together



D2. Please drag all deliveries which are usually receive together into the same boxes below. Base: Those that receive at least two deliveries or collections (n=1,235)



### Paper waste/ other waste collections are the most common visit combination. This would suggest that consolidated deliveries are supplier driven, rather than business driven

### Top deliveries/ collections generally received together











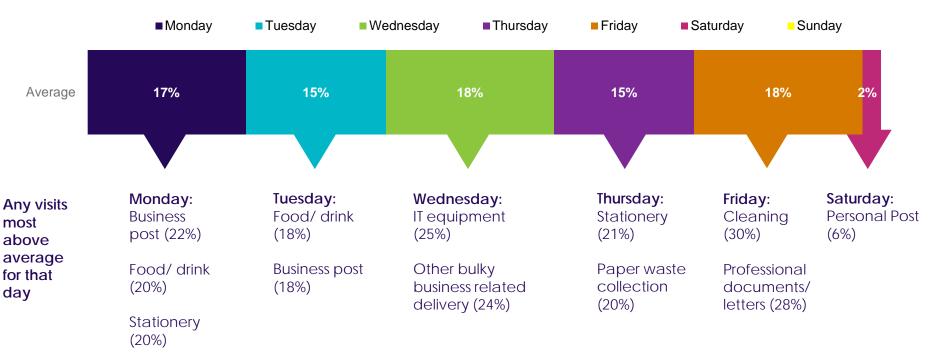
Please note: There are several other delivery/ collection combinations below 4%

D2. Please drag all deliveries which are usually receive together into the same boxes below. Base: Those that receive at least two deliveries or collections (n=1,235)



### There is a roughly even spread of visits across weekdays - Fridays appear to particularly busy for cleaning and professional/ letter document collection

Days deliveries/ collections/ service visits received



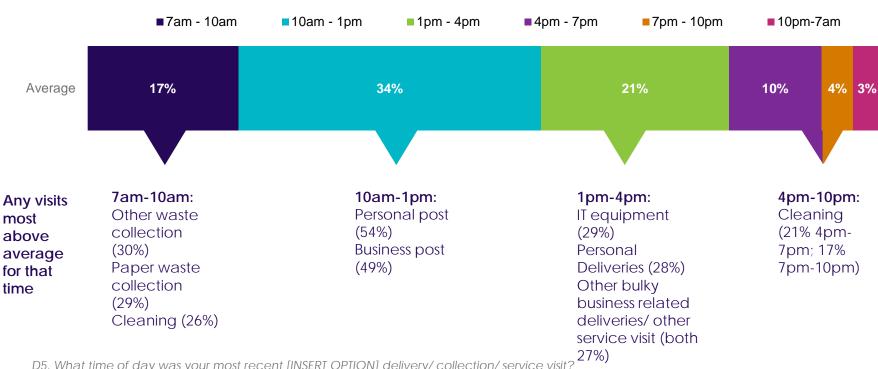
D4. Thinking about the most recent [INSERT OPTION] delivery/ collection/ service visit, which day was this?. Base: For each delivery asked in detail about





### 10am-1pm is the most popular time for deliveries. Cleaning visits are more likely to be between 4pm-10pm and waste collection before 10am

#### Times of deliveries

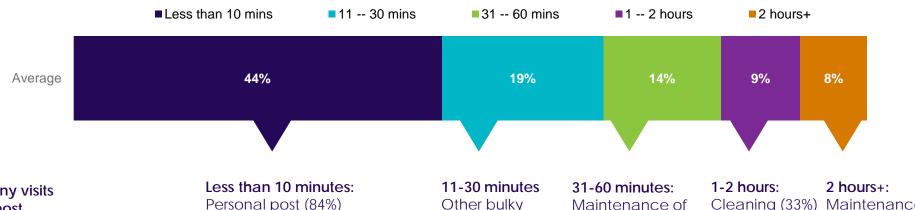


D5. What time of day was your most recent [INSERT OPTION] delivery/collection/service visit? Base: For each delivery asked in detail about



# The majority of visits are 30 minutes or less. The larger jobs (cleaning, maintenance and bulky deliveries) take the longest to complete

#### Length of deliveries



Any visits most above average for that length

# Personal post (84%) Personal deliveries (80%) Business post (78%)

11-30 minutes Other bulky business related delivery (40%) Food/ drink (34%)

# 31-60 minutes: Maintenance of equipment (31%) Maintenance of the building (24%) IT equipment/ Other bulky business related delivery (both 23%)

1-2 hours: Cleaning (33%) Maintenance of the building (20%)

Maintenance of the building (15%)
Cleaning (14%)
Maintenance of equipment (13%)

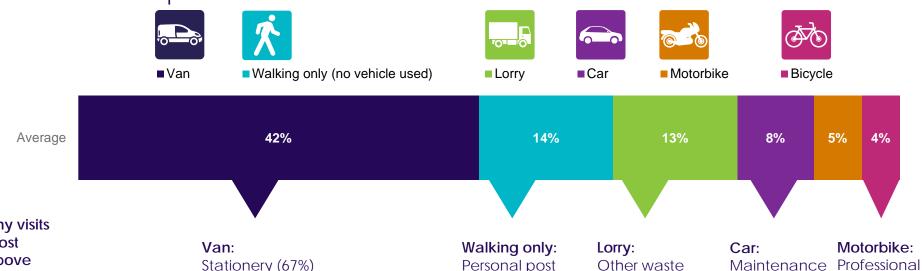
D6. How long did the most recent [INSERT OPTION] delivery/ collection/ service visit last? Base: For each delivery asked in detail about





### Van's are the most common mode used. Lorries are used mainly for waste collection/bulky deliveries, and bikes mainly for professional documents

#### Mode of transport used



Any visits most above average for that mode

14% don't know (avg.)

Stationery (67%) Food/drink (58%) Personal deliveries/IT equipment (both 57%)

(35%)Cleaning (30%) Business post

collection (54%) (28%)

Other bulky business related delivery (42%)

Other waste

Paper waste

collection (56%)

Maintenance of equipment (21%)Cleaning

(17%)Maintenance of the building letter (9%)

document/ letters (16%) Bicycle:

Professional

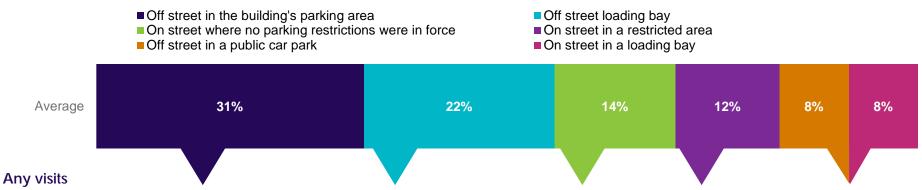
documents/

(15%)

D7. Which mode of transport did the person use for the most recent [INSERT OPTION] delivery/ collection/ service visit last? Base: For each delivery asked in detail about



### Off street parking areas/ loading bays are used most frequently. Over 1 in 10 used restricted parking areas – particularly for waste collection Parking facilities used



most above average for that parking facility

6% don't know (avg.)

areas

(40%)

Cleaning (43%)

building (42%)

Other service visit

Maintenance of the

Off street in the Off street loading buildings parking bay:

(28%)

Other bulky business related delivery (39%)

IT equipment (32%) Other collection

were in force

(28%)

Paper waste collection (23%)Personal post/ deliveries/ Professional documents (all 20%)

On street where no

parking restrictions

On street in restricted area Paper waste

Other waste collection collection (21%)

Other collection (20%)

Public car park:

Maintenance of building (14%)

Other service visit (12%) IT equipment (11%)

On street loading bay:

Other collection/ service visit(both 13%) Stationery (12%)

D8. Thinking about the most recent [INSERT OPTION] delivery/collection/service visit, where did the person park? Base: For each delivery asked in detail about



# On average around 5% experience problems with visits; mainly delays and parking issues. Issues are more common with bigger/longer tasks

Problems with deliveries

Were there any problems with your most recent delivery?



Delays and issues with parking were the main problems experienced with deliveries/ collections/ service visits

They were 30 minutes late delivering

On street loading bay was already occupied, so has to use the office parking bay and has to drag all the material for a long distance and time consuming

Nowhere to park and they got a parking ticket within 2 minutes of parking

Delayed as they were unclear of the address details

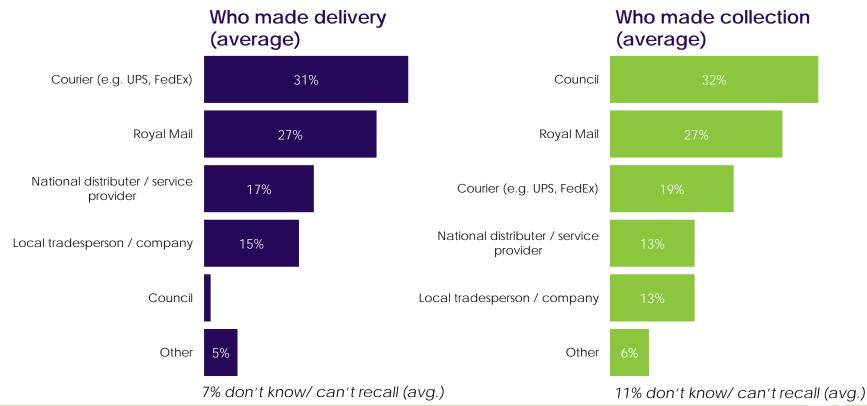
The driver did not bring the right equipment so had to go back and bring the right IT equipment

D9. Were there problems with the most recent [INSERT OPTION] delivery/ collection/ service visit? Base: For each delivery asked in detail about D10: What problems were there with this delivery/ collection/ service visit? Base: Those experiencing a problem



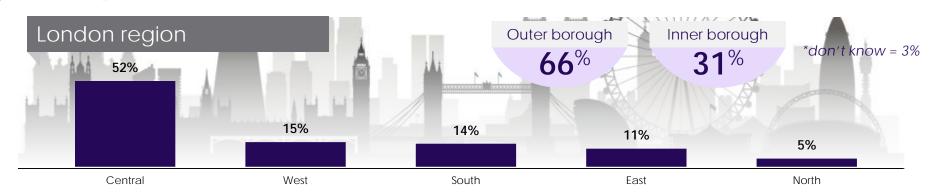
# Most deliveries are made by a Courier or the Royal Mail. The council are most likely to make a collection, followed by Royal Mail

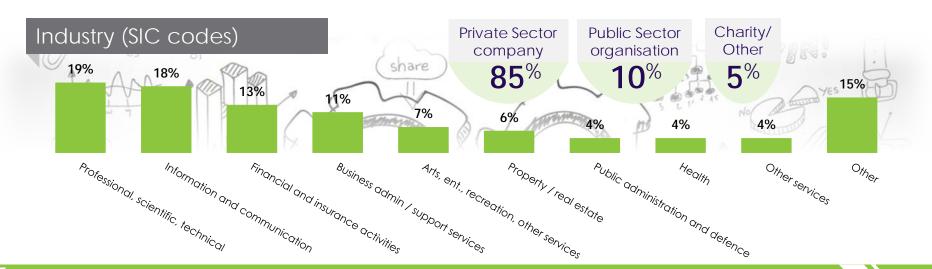
Who made last delivery/ collection



Appendix

### Sample breakdown



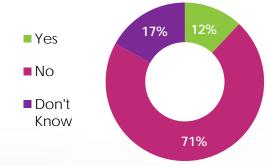


### Sample breakdown

#### Job role of respondent

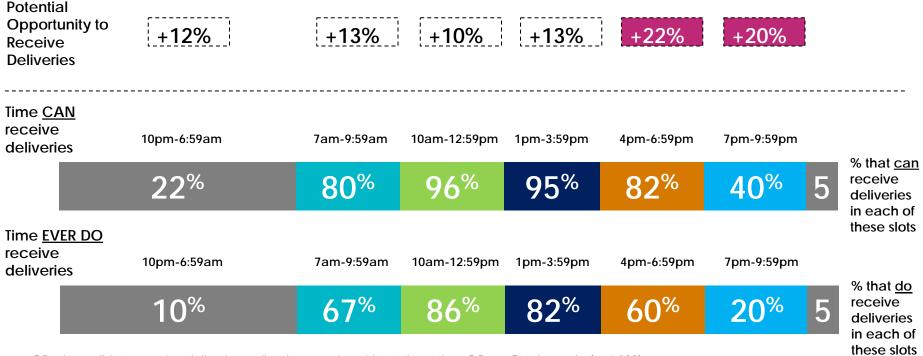


Is the company/ organisation a member of the British Institute of Facilities Management?



# Around one fifth of offices are able to receive deliveries between 4pm and 10pm but are currently not doing so

Actual delivery times vs. possible delivery times



O5c: Is possible to receive deliveries, collections, service visits at these times? Base: Total sample (n=1,293)

O5b. Using the time slots below, please type the % breakdown of deliveries which generally happen within each time slot. Base: rebased on total sample (n=1,293)



### Sample breakdown

#### Company size

Large business (250+ employees)

15%

Medium business (50-249 employees)

25%

Small business (1-49 employees)

59%

#### Building size

Large building (20,000 sq metres+) 5%

Medium building (1000-19,999 sq metres 33%

Small building (up to 999 sq metres)

51%

London = 3.2

UK overall (including London) = 4.5



YES it's the only head office



YES it's one of the head offices



NO it's not the head office



### Just under 1 in 7 of those that can receive deliveries inside/ outside working hours currently do not

Actual delivery times vs. possible delivery times

Potential Opportunity to Receive Deliveries	Small building		Medium	Medium building		Large building	
	+14%	+16%	+12%	+15%	+7%	+21%	
Time <u>CAN</u> receive deliveries	Inside working hours (7am- 6.59pm)	Outside working hours (7pm-6:59am)	Inside working hours (7am- 6.59pm)	Outside working hours (7pm-6:59am)	Inside working hours (7am- 6.59pm)	Outside working hours (7pm-6:59am)	% that <u>can</u>
T. 51/50.00	86%	25%	90%	38%	96%	52%	receive deliveries in each of these slots
Time EVER DO receive deliveries	Inside working hours (7am- 6.59pm)	Outside working hours (7pm-6:59am)	Inside working hours (7am- 6.59pm)	Outside working hours (7pm-6:59am)	Inside working hours (7am- 6.59pm)	Outside working hours (7pm-6:59am)	0/ 111 -1-
	72%	9%	78%	23%	89%	31%	% that <u>do</u> receive deliveries in each of these slots



# Nearly half share their building with another company/ organisation – 6 in 10 of these have a shared reception

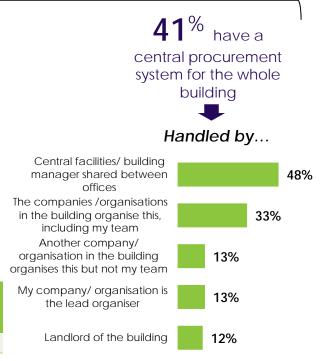
47% of offices share their building with 1 or more other companies





for the whole building
Buildings with more offices are more
likely to have a shared reception

1-5 other companies/ organisations	6-9	10+
49%	68%	78%



Thank you