

# Technical Appendix: Wave 12

## 1. RESEARCH METHODOLOGY

### 1.1 Research Objectives

1.1.1 Nestrans, in partnership with Aberdeen City and Aberdeenshire Council, with support from Paths for All, is conducting monthly travel behaviour and attitude surveys. The purpose of the research is to better understand changes occurring in the north east of Scotland during the current Covid-19 restrictions, and during the recovery period.

### 1.2 Survey

1.2.1 The travel behaviour and attitude surveys are being delivered through an online panel, issued every six to eight weeks, from June 2021, through to March 2022. The survey covers the following topic areas:

- Travel behaviour in the past seven days;
- Predicted travel behaviour if no restrictions were in place;
- Recalled travel behaviour before restrictions were implemented;
- Attitudes towards different ways of travelling;
- Anticipated travel behaviour over the next couple of weeks;
- Changes to walking and cycling habits;
- Anticipated changes to commutes and business meetings.

## 2. DEMOGRAPHICS

### 2.1 Data Tables

2.1.1 The following data tables reflect the demographic composition of the Wave 12 survey sample. These data tables are unweighted.

Age and Gender			
	Male	Female	Total
16-44	24%	32%	88
45-64	35%	50%	133
65+	40%	18%	89
Total	147	163	310

Which region do you live in?	
Aberdeenshire	49%
Aberdeen City	51%
Total	310

### 3. KEY FINDINGS

#### 3.1 Data Tables

3.1.1 The following data tables underpin the key findings in the Wave 12 Survey report. Small weighting factors have been applied to ensure the data is representative of the age and gender of residents in the Nestrans region.

Age and Gender			
	Male	Female	Total
<b>16-44</b>	50%	50%	155
<b>45-64</b>	32%	32%	99
<b>65+</b>	18%	18%	56
<b>Total</b>	155	155	310

Which region do you live in?	
<b>Aberdeenshire</b>	45%
<b>Aberdeen City</b>	55%
<b>Total</b>	310

S6: Which of the following best describes where you live?	
City or large town centre	36%
City or large town suburb	24%
Small town	20%
Village	10%
Rural	9%
<b>Total</b>	<b>310</b>

In the past seven days, how many times have you left your home to go....						
	Work	Drop off child to school/childcare	Shopping	Visit Friends/Family	Indoor leisure activities	Outdoor leisure activities
<b>Once</b>	10%	7%	27%	33%	16%	16%
<b>2-3 times</b>	15%	10%	50%	24%	17%	26%
<b>4-5 times</b>	24%	17%	12%	6%	6%	13%
<b>6-7 times</b>	4%	5%	3%	3%	2%	9%
<b>8 or more times</b>	3%	1%	3%	2%	1%	3%
<b>I have not made this journey in the past seven days</b>	44%	60%	4%	32%	57%	33%
<b>Base</b>	<b>310</b>	<b>310</b>	<b>310</b>	<b>310</b>	<b>178</b>	<b>310</b>

If the Covid-19 pandemic had never happened, do you think you would have travelled to the following places more or less often, compared to the past seven days?						
	Work	Drop off child to school/childcare	Shopping	Visit Friends/Family	Indoor leisure activities	Outdoor leisure activities
<b>Less often</b>	6%	4%	6%	8%	5%	6%
<b>About the same</b>	35%	34%	61%	44%	39%	47%
<b>More often</b>	31%	10%	30%	43%	34%	32%
<b>I would not have made this journey</b>	29%	52%	3%	5%	22%	16%
<b>Base</b>	<b>310</b>	<b>310</b>	<b>310</b>	<b>310</b>	<b>310</b>	<b>310</b>

In the past seven days, when undertaking trips for going to the following, which way have you travelled most often?						
	Work	Drop off child to school/childcare	Shopping	Visit Friends/Family	Indoor leisure activities	Outdoor leisure activities

<b>Car/ van as driver</b>	58%	55%	58%	50%	52%	38%
<b>Car/ van as passenger</b>	7%	10%	16%	17%	12%	11%
<b>Journey sharing in the car/ car pooling</b>	4%	3%	3%	5%	4%	3%
<b>Train</b>	2%	0%	1%	0%	0%	1%
<b>Bus, minibus or coach</b>	10%	6%	4%	6%	12%	4%
<b>Motorcycle, scooter or moped</b>	0%	0%	1%	0%	2%	1%
<b>Taxi or minicab</b>	0%	0%	1%	2%	2%	1%
<b>Bicycle</b>	0%	0%	0%	1%	3%	5%
<b>Walking</b>	17%	23%	15%	19%	12%	36%
<b>Other</b>	1%	2%	0%	0%	0%	0%
<b>Base</b>	173	124	297	211	132	206

**In the longer-term (for instance, about a year from now), when undertaking trips, which way of travelling do you think you will use most often?**

	Work	Drop off child to school /childcare	Shopping	Visit Friends/Family	Indoor leisure activities	Outdoor leisure activities
<b>Car/ van as driver</b>	58%	51%	58%	52%	44%	39%
<b>Car/ van as passenger</b>	3%	6%	15%	16%	19%	10%
<b>Train</b>	2%	0%	0%	1%	3%	0%
<b>Bus, minibus or coach</b>	8%	7%	5%	7%	10%	4%
<b>Motorcycle, scooter or moped</b>	0%	1%	0%	0%	0%	0%
<b>Taxi or minicab</b>	2%	0%	3%	1%	2%	1%
<b>Bicycle</b>	4%	1%	1%	1%	6%	3%
<b>Walking</b>	15%	24%	13%	17%	8%	37%
<b>Journey sharing in the car/ car pooling</b>	4%	5%	3%	4%	5%	5%
<b>Other</b>	0%	1%	0%	0%	0%	0%
<b>I will not make this journey</b>	2%	4%	1%	1%	3%	1%
<b>Base</b>	173	124	297	211	132	206

**Thinking about before Covid-19 travel restrictions and guidance, when undertaking trips for going to work, which way did you travel most often?**

	Work	Drop off child to school /childcare	Shopping	Visit Friends/Family	Indoor leisure activities	Outdoor leisure activities
--	------	-------------------------------------	----------	----------------------	---------------------------	----------------------------

<b>Car/ van as driver</b>	61%	57%	59%	52%	50%	46%
<b>Car/ van as passenger</b>	6%	12%	15%	20%	16%	11%
<b>Train</b>	0%	0%	1%	3%	2%	2%
<b>Bus, minibus or coach</b>	9%	5%	7%	7%	11%	5%
<b>Motorcycle, scooter or moped</b>	0%	0%	0%	0%	1%	0%
<b>Taxi or minicab</b>	0%	2%	1%	2%	2%	1%
<b>Bicycle</b>	2%	1%	1%	0%	0%	3%
<b>Walking</b>	16%	18%	14%	14%	16%	29%
<b>Journey sharing in the car/ car pooling</b>	3%	5%	2%	2%	1%	3%
<b>Other</b>	1%	0%	0%	0%	0%	0%
<b>Base</b>	232	155	305	299	258	265

**Currently, are you more likely, or less likely to do each of the following compared to before Covid-19 travel restrictions were put in place?**

	More likely	About the same	Less likely	Total
<b>Use home delivery for supermarket/ grocery shopping</b>	34%	47%	19%	295
<b>Shop in-store closer to home</b>	31%	60%	9%	302
<b>Cycle for leisure</b>	18%	57%	24%	278
<b>Walk/wheel (mobility aid) for leisure</b>	36%	55%	8%	290
<b>Use a car to get around</b>	20%	68%	12%	302
<b>Use a bus or train to get around</b>	12%	47%	41%	300
<b>Work from home at least part time</b>	29%	45%	26%	279
<b>Order takeaway instead of going to a restaurant</b>	29%	55%	15%	297
<b>Travel to a town/city centre</b>	14%	52%	34%	304

**Currently, how positively or negatively do you feel about following ways of travelling?**

	Very or quite positively	Neither positively nor negatively	Very or quite negatively	Base
<b>Car/ van as driver</b>	76%	17%	8%	302

<b>Car/ van as passenger</b>	78%	18%	4%	306
<b>Car sharing / pooling</b>	32%	34%	34%	288
<b>Train</b>	37%	27%	36%	300
<b>Bus, minibus or coach</b>	36%	27%	36%	306
<b>Motorcycle, scooter or moped</b>	35%	25%	40%	281
<b>Taxi or minicab</b>	30%	34%	36%	299
<b>Bicycle</b>	51%	24%	25%	293
<b>Walking</b>	82%	14%	3%	306

#### Why do you feel negatively towards travelling by train? (Top 5)

<b>Concern about overcrowding</b>	56%
<b>Cost/ too expensive</b>	50%
<b>Concerns that social distancing may not be in place</b>	46%
<b>Concern over catching coronavirus/other illness</b>	46%
<b>Behaviour of other passengers</b>	43%
<b>Total</b>	108

#### Why do you feel negatively towards travelling by bus? (Top 5)

<b>Concern over catching coronavirus/other illness</b>	50%
<b>Concerns that social distancing may not be in place</b>	50%
<b>Behaviour of other passengers</b>	44%
<b>Travelling by car is easier/more convenient</b>	43%
<b>Lack of cleanliness on board</b>	37%
<b>Total</b>	111

**Thinking about travelling over the next month or so, which of the following would make you feel safer to use public transport? (Top 10)**

<b>Limiting the number of people that can board the train/tram/bus</b>	28%
<b>Access to hand sanitiser at stations/stops</b>	27%
<b>Knowing it is not going to be too busy</b>	26%
<b>Actively enforced social distancing on-board, through staff presence and CCTV</b>	25%
<b>Deep-cleaning of the interiors of vehicles, stations and bus stops]</b>	25%
<b>I already feel safe using public transport</b>	23%
<b>Actively enforced social distancing when queuing for tickets through staff presence and CCTV</b>	20%
<b>Being able to travel at off-peak times</b>	16%
<b>Being allocated a seat in advance</b>	16%
<b>Nothing would make me feel safer</b>	16%

**To what extent do you agree, or disagree, with the following statements:**

	Strongly or somewhat agree	Neither agree nor disagree	Strongly or somewhat disagree	Base
<b>I am concerned about people spreading or contracting the virus whilst using public transport</b>	76%	11%	12%	308
<b>I am concerned about people spreading or contracting the virus whilst using taxis/minicabs</b>	73%	19%	8%	305
<b>I am concerned about people spreading or contracting the virus whilst using shared transport methods, including car clubs or car sharing</b>	72%	18%	10%	304
<b>The use of face coverings on public transport makes me feel safer</b>	77%	15%	9%	306
<b>Social distancing on public transport makes me feel safer</b>	75%	19%	6%	303
<b>I am concerned that I will not be allowed to board the bus/train by the time it reaches me as it will be full</b>	60%	26%	14%	295

**Do you think you will change how much you travel for the following reasons, over the next month or so?**

	Increase	No change	Decrease	Base

<b>Work</b>	16%	77%	7%	310
<b>Drop off child to school</b>	11%	79%	10%	310
<b>Shopping</b>	17%	76%	7%	310
<b>Visit Friends/Family</b>	24%	68%	8%	310
<b>Indoor leisure activities</b>	20%	70%	10%	310
<b>Outdoor leisure activities</b>	21%	72%	7%	310

#### How likely, or unlikely, are you to do the following, over the next three months?

	Very or fairly likely	Neither likely nor unlikely	Very or quite unlikely	Base:
<b>Book at least one leisure trip for travel abroad</b>	30%	11%	60%	303
<b>Book at least one leisure trip for travel in Scotland</b>	55%	15%	30%	302
<b>Book at least one leisure trip for travel in the rest of the UK</b>	40%	17%	43%	303
<b>Travel by air within the UK</b>	28%	13%	59%	303
<b>Travel by air abroad</b>	23%	9%	68%	303

#### Since the Covid-19 travel restrictions, has the average amount of time you spend walking and cycling per week for the following purposes changed?

	Increase	No change	Decrease	Base
<b>Walking: for leisure/exercise</b>	54%	38%	8%	292
<b>Walking: to replace a journey I would normally make another way</b>	35%	59%	6%	255
<b>Cycling: for leisure/exercise</b>	35%	54%	11%	210



<b>Cycling: to replace a journey I would normally make another way</b>	35%	59%	7%	182
--	-----	-----	----	-----

<b>How likely are you to continue the increase after the Covid-19 travel restrictions are lifted?</b>		
	Walking: for leisure/exercise	Cycling: for leisure/exercise
<b>Very or fairly likely</b>	83%	88%
<b>Neither likely nor unlikely</b>	14%	12%
<b>Very or quite unlikely</b>	4%	0%
<b>Total</b>	159	72

<b>Thinking about days spent working at the following locations in an average month...</b>			
	Pre-Restrictions	Currently	Post-Restrictions
<b>Office/Other Location</b>	82%	59%	71%
<b>Home</b>	18%	36%	29%
<b>Total</b>	220	198	198

<b>Once all restrictions due to Covid-19 have been lifted, and assuming you stay in the same or similar role, how do you think you will travel to/from work most often</b>	
<b>Car/ van as driver</b>	62%
<b>Car/ van as passenger (with your household)</b>	9%
<b>Train</b>	2%
<b>Bus, minibus or coach</b>	5%
<b>Taxi or minicab</b>	2%
<b>Bicycle</b>	1%
<b>Walking (including with mobility assistance)</b>	14%
<b>Journey sharing in the car/ car pooling</b>	4%
<b>Other</b>	1%
<b>Base</b>	177

<b>In the longer-term (such as a year from now), would you like to be able to make changes to the times that you work, compared with before Covid-19?</b>	
<b>Yes – I would like to change the time of day that I start/finish work</b>	33%
<b>Yes – I would like to work the same hours over fewer days</b>	24%
<b>Yes – I would like my hours to be more flexible generally</b>	27%

Yes – other	2%
No – I do not want to make changes	37%
<b>Total</b>	<b>220</b>

<b>To what extent do you think it is likely or unlikely that your employer will allow you to change your working times?</b>	
Very or quite likely	44%
Very or quite unlikely	40%
Don't know	16%
<b>Base</b>	<b>220</b>

<b>Before Covid-19 travel restrictions, in an average month, about how many business meetings did you travel to attend outside of your regular workplace?</b>	
1-2	17%
3-4	11%
5-6	8%
7-8	2%
9-10	4%
More than 10 a month	7%
Not applicable – did not travel for business meetings	52%
<b>Total</b>	<b>220</b>

<b>In the longer-term (such as a year from now), do you think there will be changes to how often you travel outside of your regular workplace to conduct business trips/meetings?</b>	
Virtual meetings will replace all face-to-face trips/meetings	46%
Virtual meetings will replace some, but not all face-to-face trips/meetings	46%
Face-to-face trips/meetings will happen at the same frequency as before Covid-19	6%
Face-to-face trips/meetings will happen more frequently than before Covid-19	2%
<b>Total</b>	<b>100</b>

**SYSTRA provides research and advice on transport, to central, regional and local government, agencies, developers, operators and financiers.**

**A diverse group of results-oriented people, we are part of a strong team of professionals worldwide. Through client business planning, customer research and strategy development we create solutions that work for real people in the real world.**

**For more information visit [www.systra.co.uk](http://www.systra.co.uk)**

**Birmingham – Newhall Street**

5th Floor, Lancaster House, Newhall St,  
Birmingham, B3 1NQ  
T: +44 (0)121 393 4841

**Birmingham – Edmund Gardens**

1 Edmund Gardens, 121 Edmund Street,  
Birmingham B3 2HJ  
T: +44 (0)121 393 4841

**Dublin**

2nd Floor, Riverview House, 21-23 City Quay  
Dublin 2, Ireland  
T: +353 (0) 1 566 2028

**Edinburgh – Thistle Street**

Prospect House, 5 Thistle Street, Edinburgh EH2 1DF  
United Kingdom  
T: +44 (0)131 460 1847

**Glasgow – St Vincent St**

Seventh Floor, 124 St Vincent Street  
Glasgow G2 5HF United Kingdom  
T: +44 (0)141 468 4205

**Glasgow – West George St**

250 West George Street, Glasgow, G2 4QY  
T: +44 (0)141 468 4205

**Leeds**

100 Wellington Street, Leeds, LS1 1BA  
T: +44 (0)113 360 4842

**London**

3<sup>rd</sup> Floor, 5 Old Bailey, London EC4M 7BA United Kingdom  
T: +44 (0)20 3855 0079

**Manchester – 16<sup>th</sup> Floor, City Tower**

16th Floor, City Tower, Piccadilly Plaza  
Manchester M1 4BT United Kingdom  
T: +44 (0)161 504 5026

**Newcastle**

Floor B, South Corridor, Milburn House, Dean Street, Newcastle, NE1  
1LE  
United Kingdom  
T: +44 (0)191 249 3816

**Perth**

13 Rose Terrace, Perth PH1 5HA  
T: +44 (0)131 460 1847

**Reading**

Soane Point, 6-8 Market Place, Reading,  
Berkshire, RG1 2EG  
T: +44 (0)118 206 0220

**Woking**

Dukes Court, Duke Street  
Woking, Surrey GU21 5BH United Kingdom  
T: +44 (0)1483 357705

**Other locations:**

**France:**

Bordeaux, Lille, Lyon, Marseille, Paris

**Northern Europe:**

Astana, Copenhagen, Kiev, London, Moscow, Riga, Wroclaw

**Southern Europe & Mediterranean: Algiers, Baku, Bucharest,**  
Madrid, Rabat, Rome, Sofia, Tunis

**Middle East:**

Cairo, Dubai, Riyadh

**Asia Pacific:**

Bangkok, Beijing, Brisbane, Delhi, Hanoi, Hong Kong, Manila,  
Seoul, Shanghai, Singapore, Shenzhen, Taipei

**Africa:**

Abidjan, Douala, Johannesburg, Kinshasa, Libreville, Nairobi

**Latin America:**

Lima, Mexico, Rio de Janeiro, Santiago, São Paulo

**North America:**

Little Falls, Los Angeles, Montreal, New-York, Philadelphia,  
Washington

The SYSTRA logo is displayed in a large, bold, red, sans-serif font. The letters are thick and closely spaced, with a slightly irregular, hand-drawn appearance. The 'S' and 'Y' are particularly prominent, with the 'S' having a large loop and the 'Y' having a long tail. The 'A' is also very bold and has a slightly rounded top.