

# Technical Appendix: Wave 16

## 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 16 survey sample. These data tables are unweighted.

Age and Gender			
	Male	Female	Base
16-44	50%	50%	152
45-64	32%	32%	97
65+	18%	18%	55
Base	152	152	303

Which region do you live in?	
Aberdeenshire	49%
Aberdeen City	51%
Base	303

### 3. KEY FINDINGS

#### 3.1 Data Tables

3.1.1 The following data tables underpin the key findings in the Wave 16 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	Base
16-44	50%	50%	152
45-64	32%	32%	97
65+	18%	18%	55
Base	152	152	303

Which region do you live in?	
Aberdeenshire	49%
Aberdeen City	51%
Base	303

S6: Which of the following best describes where you live?	
City or large town center	27%
City or large town suburb	29%
Small town	17%
Village	15%
Rural	11%
Base	303

Q1: 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
Once	6%	6%	35%	32%	21%	18%
2-3 times	11%	7%	47%	29%	11%	17%
4-5 times	26%	15%	9%	7%	4%	8%
6-7 times	4%	2%	3%	2%	3%	6%
8 or more times	3%	2%	1%	1%	1%	3%
I have not made this journey in the past seven days	50%	69%	5%	29%	60%	48%
Base	303	303	303	303	303	303

Q2: 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
Less often	4%	4%	6%	7%	6%	7%
About the same	44%	29%	68%	51%	44%	56%
More often	22%	9%	23%	36%	27%	19%
I would not have made this journey	30%	58%	3%	6%	23%	18%
Base	303	303	303	303	303	303

**Q3b: In the past seven days, when undertaking trips, 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>	70%	66%	60%	54%	48%	42%
<b>Car/van as passenger</b>	8%	5%	19%	15%	19%	10%
<b>Train</b>	1%		1%	2%		
<b>Bus, minibus or coach</b>	5%		2%	3%	4%	2%
<b>Motorcycle, scooter or moped</b>				1%		
<b>Taxi or minicab</b>				1%		1%
<b>Bicycle</b>	2%		1%	2%	5%	5%
<b>Walking</b>	10%	22%	15%	18%	19%	37%
<b>Journey sharing in the car/car pooling</b>	2%	3%	1%	1%	2%	1%
<b>Other</b>	2%	4%	2%	2%	2%	1%
<b>Base</b>	<b>150</b>	<b>95</b>	<b>287</b>	<b>215</b>	<b>121</b>	<b>158</b>

**Q3c: 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>	69%	56%	64%	58%	55%	47%
<b>Car/van as passenger</b>	10%	7%	15%	13%	12%	8%
<b>Train</b>		2%			2%	
<b>Bus, minibus or coach</b>	4%	3%	3%	4%	4%	
<b>Motorcycle, scooter or moped</b>		3%				
<b>Taxi or minicab</b>				2%	2%	3%
<b>Bicycle</b>	4%		1%	1%	9%	8%
<b>Walking</b>	10%	25%	13%	17%	13%	31%
<b>Journey sharing in the car/car pooling</b>	1%	3%	2%	3%	1%	2%
<b>Other</b>		3%	2%	2%	2%	1%
<b>I will not make this journey</b>	2%					1%
<b>Base</b>	<b>150</b>	<b>95</b>	<b>287</b>	<b>215</b>	<b>121</b>	<b>158</b>

**Q5b: 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>	62%	57%	63%	59%	62%	49%
<b>Car/van as passenger</b>	6%	8%	16%	17%	12%	11%
<b>Train</b>	2%	2%	1%	2%	1%	1%
<b>Bus, minibus or coach</b>	10%	2%	4%	5%	6%	2%
<b>Motorcycle, scooter or moped</b>						
<b>Taxi or minicab</b>	1%	1%	1%	1%	0%	
<b>Bicycle</b>	1%	1%	0%		0%	3%
<b>Walking</b>	14%	26%	13%	14%	15%	31%
<b>Journey sharing in the car/car pooling</b>	1%	2%	1%	2%	2%	1%
<b>Other</b>	2%	2%	1%	2%	1%	2%
<b>Base</b>	<b>220</b>	<b>130</b>	<b>294</b>	<b>291</b>	<b>244</b>	<b>251</b>

**Q6: 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	Base
<b>Use home delivery for supermarket/ grocery shopping</b>	28%	53%	20%	<b>290</b>
<b>Shop in-store closer to home</b>	31%	60%	9%	<b>292</b>
<b>Cycle for leisure</b>	16%	58%	26%	<b>258</b>
<b>Walk/wheel (mobility aid) for leisure</b>	25%	62%	13%	<b>277</b>
<b>Use a car to get around</b>	22%	67%	12%	<b>291</b>
<b>Use a bus or train to get around</b>	10%	51%	39%	<b>288</b>
<b>Work from home at least part time</b>	30%	47%	23%	<b>271</b>
<b>Order takeaway instead of going to a restaurant</b>	26%	59%	15%	<b>285</b>
<b>Travel to a town/city centre</b>	14%	49%	38%	<b>291</b>

**Q7: 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%	16%	8%	<b>293</b>
<b>Car/van as passenger</b>	75%	17%	8%	<b>294</b>
<b>Car sharing/ pooling</b>	33%	34%	33%	<b>276</b>
<b>Train</b>	35%	35%	30%	<b>293</b>
<b>Bus, minibus or coach</b>	31%	31%	37%	<b>296</b>
<b>Motorcycle, scooter or moped</b>	20%	29%	51%	<b>266</b>
<b>Taxi or minicab</b>	24%	42%	34%	<b>294</b>
<b>Bicycle</b>	39%	31%	29%	<b>275</b>
<b>Walking</b>	76%	18%	5%	<b>294</b>

**Q8. Why do you feel negatively towards travelling by train? (Top 5)**

<b>Concern about overcrowding</b>	54%
<b>Cost/too expensive</b>	52%
<b>Travelling by car is easier/more convenient</b>	46%
<b>Concern over catching coronavirus/other illness</b>	45%
<b>Behaviour of other passengers</b>	41%
<b>Base</b>	88

**Q9. Why do you feel negatively towards travelling by bus? (Top 5)**

<b>Travelling by car is easier/more convenient</b>	57%
<b>Concern about overcrowding</b>	45%
<b>Frequency of service</b>	39%
<b>Takes too long</b>	39%
<b>Concern over catching coronavirus/other illness</b>	38%
<b>Base</b>	111

**Q12. Thinking about travelling over the next month or so, which of the following would make you feel safer to use public transport? (Top 10)**

Deep-cleaning of the interiors of vehicles, stations and bus stops	23%
Limiting the number of people that can board the train/tram/bus	23%
Access to hand sanitiser at stations/stops	22%
Knowing it is not going to be too busy	22%
Actively enforced social distancing on-board, through staff presence and CCTV	17%
Signs instructing social distancing measures	13%
Being allocated a seat in advance	12%
Actively enforced social distancing when queuing for tickets through staff presence and CCTV	11%
Signs/posters displaying safety precautions being taken (e.g. cleaning rotas)	10%
Being able to travel at off-peak times	10%
Base	303

**Q13: 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
I am concerned about people spreading or contracting the virus whilst using public transport	62%	17%	22%	299
I am concerned about people spreading or contracting the virus whilst using taxis/minicabs	57%	24%	19%	297
I am concerned about people spreading or contracting the virus whilst using shared transport methods, including car clubs or car sharing	55%	26%	18%	294
The use of face coverings on public transport makes me feel safer	69%	21%	10%	296
Social distancing on public transport makes me feel safer	69%	23%	8%	297
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	43%	36%	21%	287

**Q14: 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>	11%	83%	6%	<b>303</b>
<b>Drop off child to school</b>	7%	88%	5%	<b>303</b>
<b>Shopping</b>	15%	82%	4%	<b>303</b>
<b>Visit Friends/Family</b>	21%	76%	3%	<b>303</b>
<b>Indoor leisure activities</b>	15%	82%	3%	<b>303</b>
<b>Outdoor leisure activities</b>	17%	80%	2%	<b>303</b>

**Q15: 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>	41%	14%	45%	<b>294</b>
<b>Book at least one leisure trip for travel in Scotland</b>	58%	17%	25%	<b>292</b>
<b>Book at least one leisure trip for travel in the rest of the UK</b>	39%	24%	37%	<b>292</b>
<b>Travel by air within the UK</b>	32%	15%	53%	<b>294</b>
<b>Travel by air abroad</b>	41%	11%	49%	<b>296</b>

**Q16: 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>	48%	46%	6%	<b>280</b>
<b>Walking: to replace a journey I would normally make another way</b>	26%	71%	3%	<b>243</b>
<b>Cycling: for leisure/exercise</b>	30%	62%	8%	<b>186</b>
<b>Cycling: to replace a journey I would normally make another way</b>	25%	70%	5%	<b>161</b>

**Q17: How likely are you to continue the increase after the Covid-19 travel restrictions are lifted?**

	Walking: for leisure/exercise	Cycling: for leisure/exercise
<b>Very or fairly likely</b>	78%	71%
<b>Neither likely nor unlikely</b>	15%	17%
<b>Very or quite unlikely</b>	6%	12%
<b>Base</b>	132	55

**Thinking about days spent working at the following locations in an average month...**

	Pre-Restrictions	Currently	Post-Restrictions
<b>Office/Other Location</b>	87%	68%	80%
<b>Home</b>	11%	32%	20%

**Q29: Which way of travelling do you think you will use most often?**

<b>Car/van as driver</b>	73%
<b>Car/van as passenger (with your household)</b>	4%
<b>Bus, minibus or coach</b>	1%
<b>Taxi or minicab</b>	5%
<b>Bicycle</b>	2%
<b>Walking (including with mobility assistance)</b>	12%
<b>Journey sharing in the car/car pooling</b>	2%
<b>Base</b>	138

<b>Q31. 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>	22%
<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>	24%
<b>Yes – other</b>	2%
<b>No – I do not want to make changes</b>	47%
<b>Base</b>	196

<b>Q31A. To what extent do you think it is likely or unlikely that your employer will allow you to change your working times?</b>	
<b>Very or quite likely</b>	37%
<b>Very or quite unlikely</b>	44%
<b>Don't know</b>	19%
<b>Base</b>	196

<b>Q32: 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>	
<b>1-2</b>	17%
<b>3-4</b>	8%
<b>5-6</b>	8%
<b>7-8</b>	4%
<b>9-10</b>	2%
<b>More than 10 a month</b>	1%
<b>Not applicable – did not travel for business meetings</b>	59%
<b>Base</b>	196

<b>Q33: 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>	
<b>Virtual meetings will replace all face-to-face trips/meetings</b>	25%
<b>Virtual meetings will replace some, but not all face-to-face trips/meetings</b>	56%
<b>Face-to-face trips/meetings will happen at the same frequency as before Covid-19</b>	16%
<b>Face-to-face trips/meetings will happen more frequently than before Covid-19</b>	3%
<b>Base</b>	75

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