## **Public Transport Touchpoints Survey - BUS**

This survey is to understand your travel experience with Public Transport and your most recent BUS journey. Your feedback will contribute to the improvement of the public transport service in Singapore.

The survey will take about 15 minutes and your responses are anonymous. If you have any queries, please contact the NUS-ISS research team at issgl@nus.edu.sg.

I consent to being surveyed and I understand that all feedback I share will be anonymised.
O Yes.
O No.
If 'No' is Selected, then skip to the end of the survey.

Q0 Please rate your level of agreement with the following statements on a scale of 1 (strongly disagree) to 5 (strongly agree) based on your most regular trip. Please choose "NA" if not applicable.

### Q1.1 Accessibility and Connectivity of Public Transport

	1	2	3	4	5	NA	
The Public Transport network gets me to wherever I want to go in Singapore	0	0	0	0	O	0	

## Q1.2 Accessibility and Connectivity of Bus Service

	1	2	3	4	5	NA
It is easy for me to reach the nearest bus stop from my home	O	O	O	O	O	0

#### Q1.3 Accessibility and Connectivity of Train Service

	1	2	3	4	5	NA
1. It is easy for me to reach the nearest train station from my home	0	0	0	0	O	0

- Q1.4 Which of the following is most important to you? (You can choose up to 3 items)
- ☐ 1. The public transport network should get me to wherever I want to go in Singapore
- ☐ 2. It should be easy for me to reach the nearest bus stop from my home
- ☐ 3. It should be easy for me to reach the nearest train station from my home

## Q2.1 Transferring

	1	2	3	4	5	NA
1. I am willing to travel a little longer to avoid making transfers	0	O	0	0	O	O
2. I often choose a journey with the shortest travel time, even if it involves transfers	0	0	0	0	O	0
3. My walking distance for transferring from Bus to Train or Train to Bus is acceptable	0	0	0	0	O	$\circ$
4. My walking distance for transferring from one train line to another is acceptable	0	0	0	0	O	$\circ$
5. The signage in the train station helps me to find my way easily to transfer to another line	0	0	0	0	O	$\circ$
6. The map in the train station allows me to find the right bus stop for my transfer easily	0	0	0	0	O	$\circ$
7. The train station staff are helpful when I approach them for information about my transfer	0	0	0	0	O	$\circ$
8. Other passengers are helpful when I approach them for information about my transfer	0	O	O	O	O	<b>O</b>

Q2	2. I would choose a journey with the shortest travel time, even if it involves transfers								
	4. The walking distance for transferring from one train line to another should be acceptable								
	5. The signage in the train station should allow me to find my vanother line	vay e	easil	y to	trans	fer t	to		
	6. The map in the train station should allow me to find the right easily	bus	stop	o for	my t	rans	sfer		
	7. The train station staff should be helpful when I approach the my transfer	m fo	or inf	orma	ation	abo	ut		
	8. Other passengers should be helpful when I approach them transfer	for ir	nform	natio	n ab	out ı	my		
	.1 Frequency and Capacity of Bus Service during <b>Peak Hours</b> Opm, Monday to Friday)	(7an	n to s	9am	& 5.	30pı	m to		
		1	2	3	4	5	NA		
1.	Frequency of bus service during peak hours is good	O	O	O	O	O	O		
2.	I usually wait for less than 15 minutes for the bus	0	0	0	O	O	O		
3.	I can get a seat on the bus if I want to	0	O	O	O	O	O		
4.	I have sufficient space to stand in the bus	O	O	O	O	O	O		
5.	Buses with the same number often arrive together	O	0	0	0	O	O		
Q3	.2 Frequency and Capacity of Bus Service during Off-Peak Ho	<u>urs</u>							
		1	2	3	4	5	NA		
1.	Frequency of bus service during off-peak hours is good	O	O	O	O	0	O		
2.	I usually wait for less than 15 minutes for the bus	0	O	O	0	0	O		
3.	I can get a seat on the bus if I want to	O	0	O	O	0	O		
4.	I have sufficient space to stand in the bus	O	O	O	O	O	O		
5.	Buses with the same number often arrive together	O	O	O	C	O	O		
Q3	.3 Which of the following is most important to you? (You can change 1. Frequency of bus service during peak hours should be good 2. My waiting time for the bus should usually be less than 15 nd 3. I should be able to get a seat on the bus if I want to 4. I should have sufficient space to stand in the bus 5. Buses with the same number should not often arrive together 6. Frequency of bus service during off-peak hours should be good to the same should	d ninut er	·	to 3	item	s)			

Q3.4 Frequency and Capacity of	Train Service	during <u>Peak H</u>	<u>Iours</u> (7am to	9am & 5.30pm to
7.30pm, Monday to Friday)				

	1	2	3	4	5	NA
1. Frequency of train service during peak hours is good	O	O	O	O	0	0
2. I can get a seat on the train if I want to	O	O	O	O	0	<b>O</b>
3. I have sufficient space to stand in the train	O	O	O	O	0	O
4. Trains travelling in opposite directions often come together and make the platform more crowded	0	O	O	0	O	O

## Q3.5 Frequency and Capacity of Train Service during Off Peak Hours

	1	2	3	4	5	NA
1. Frequency of train service during off-peak hours is good	O	O	O	O	O	O
2. I can get a seat on the train if I want to	O	O	O	O	O	0
3. I have sufficient space to stand in the train	0	0	O	O	O	0

Q3.6 Which of the following	g is most important to y	you? (You can choose up	o to 3 items)
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- ☐ 1. Frequency of train service during peak hours should be good
- ☐ 2. I should be able to get a seat on the train if I want to
- ☐ 3. I should have sufficient space to stand in the train
- 4. Trains travelling in opposite directions should not often come together and make the platform more crowded
- ☐ 5. Frequency of train service during off-peak hours should be good

#### Q4.1 Time and Cost of Public Transport

	1	2	3	4	5	NA
I trust that my Public Transport fare is deducted correctly	O	O	O	O	O	O
2. I would choose a longer route if it saves me some cost	O	O	O	O	O	<b>O</b>
3. My travel time on the BUS is acceptable	O	O	O	O	O	<b>O</b>
4. My travel time on the TRAIN is acceptable	0	0	C	0	0	<b>O</b>

#### Q4.2 Which of the following is most important to you? (You can choose up to 3 items)

- ☐ 1. My Public Transport fare should be deducted correctly
- ☐ 2. I should be allowed to choose a longer route if it saves me some cost
- ☐ 3. My travel time on the Bus should be acceptable
- ☐ 4. My travel time on the Train should be acceptable

## Q5.1 Safety and Security of Public Transport

	1	2	3	4	5	NA
Security against crimes is sufficient across the Public     Transport network	0	0	O	O	O	0
2. I feel safe when travelling on Public Transport	0	C	O	O	0	$\mid \mathbf{c} \mid$

## Q5.2 Safety and Security of Bus Service

	1	2	3	4	5	NA
1. I feel safe when travelling in a crowded bus	O	O	O	O	0	O
2. I usually do not worry about falling down inside a moving bus	0	O	O	O	0	O
3. I believe bus captains know how to respond to emergency situations	0	0	0	0	O	O

## Q5.3 Safety and Security of Train Service

	1	2	3	4	5	NA
1. I feel safe when travelling in a crowded train	0	0	0	0	0	<b>O</b>
2. I usually do not worry about falling down inside a moving train	0	0	0	0	O	0
3. I believe train staff know how to respond to emergency situations	0	0	0	0	O	0

- ☐ 1. Security against crimes should be sufficient across the Public Transport network
- ☐ 2. I should feel safe when travelling on Public Transport
- ☐ 3. I should feel safe when travelling in a crowded bus
- ☐ 4. I should not usually worry about falling down inside a moving bus
- ☐ 5. Bus captains should know how to respond to emergency situations
- ☐ 6. I should feel safe when travelling in a crowded train
- ☐ 7. I should not usually worry about falling down inside a moving train
- 8. Train staff should know how to respond to emergency situations

#### Q6.1 Public Transport Information

						NA
1. I often use Smartphone apps or internet to plan my journey	O	O	O	O	0	O

#### Q6.2 Bus Information

	1	2	3	4	5	NA
Bus arrival times provided by the apps or displayed at bus stops are usually accurate	O	0	O	0	O	O
2. I can easily find bus route information at the bus stop	0	O	O	O	0	O
3. I can easily find out which buses are going to MRT stations from information provided at the bus stop	O	O	O	0	O	0

#### Q6.3 Train Information

	1	2	3	4	5	NA
1. The MRT map is easy to understand	O	O	O	O	0	O
2. Provision of train arrival times at train stations or by the app is usually accurate	0	0	0	0	O	O
3. I can easily find out which platform to take my train	O	O	O	O	O	O
4. I can easily find out which train is going to the direction I want to travel to	0	0	0	0	O	C

1. There should be Smartphone apps or websites that allow me to plan my journey
2. Bus arrival times provided by the apps or displayed at bus stops should be usually
accurate
3. It should be easy to find bus route information at the bus stop
4. It should be easy to find out which buses are going to MRT stations from information
provided at the bus stop
5. The MRT man should be easy to understand

Q6.4 Which of the following is most important to you? (You can choose up to 3 items)

- □ 5. The MRT map should be easy to understand
- ☐ 6. Provision of train arrival times at train stations or by the app should be usually accurate
- ☐ 7. It should be easy to find out which platform to take my train
- 8. It should be easy to find out which train is going to the direction I want to travel to

#### Q7.1 Facilities and Maintenance at Train Stations

	1	2	3	4	5	NA
Ticketing & add-value machines at the train stations are usually working	0	O	0	0	O	O
2. The fare gates are usually in good working condition	O	O	O	O	0	<b>O</b>
3. Lifts at the train stations are well maintained	O	O	O	O	0	O
4. Escalators at the train stations are well maintained	O	O	O	O	0	<b>O</b>
5. Toilets at the train stations are clean	O	O	O	O	0	O
6. Toilets at the train stations are usually available for use	O	C	O	O	C	<b>O</b>

Q7.2 Which of the following is most important to you? (You can choose up to 3 item	າຣ)
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- ☐ 1. Ticketing & add-value machines at the train stations should be usually working
- ☐ 2. The fare gates should be usually in good working condition
- ☐ 3. Lifts at the train stations should be well maintained
- ☐ 4. Escalators at the train stations should be well maintained
- ☐ 5. Toilets at the train stations should be clean
- ☐ 6. Toilets at the train stations should be usually available for use

## **Q8 Feedback and Compensation**

	.1 Have you made a compensation claim or a complaint to any public transport or seting operators about their service?
	Yes (Please provide the company name of the operator)
	No
If 'I	No' is Selected, then skip to 'With your most recent BUS trip in mind'.
Q8	.2 Were you satisfied with the way your complaint/claim was handled
$\mathbf{C}$	Yes
O	No
If '	Yes' is Selected, then skip to 'With your most recent BUS trip in mind'.
Q8	.3 Why were you dissatisfied?
O	Insufficient compensation
O	Inappropriate form of compensation
O	Time taken to respond
0	Poor explanation given
	Have not yet received a response
O	Other (please specify)
Q8	.4 Which of the following is most important to you? (You can choose up to 3 items)
	1. Sufficient compensation
	2. Appropriate form of compensation
	3. Time taken to respond
	4. Good explanation given
	5. Receiving a response

# Q0 With your most recent BUS trip in mind:

Q1	Origin (Please type a postcode, address, or building name)
Q2	Destination (Please type a postcode, address, or building name)
<b>O</b>	When did your journey commence?  Morning Peak (7am to 9am, Monday to Friday)  Evening Peak (5.30pm to 7.30pm, Monday to Friday)  Off peak hours
<b>O</b>	What was the weather like on your journey? Heavy rain Extreme hot weather Neither
C C	What was your transport mode? Bus only Bus and Train Bus and Other Modes (please specify the other mode)
<b>O</b>	Approximately how long did it take for you to travel from Origin to Destination?  Less than half an hour  Half an hour to one hour  More than an hour
O O O	How frequently do you take this journey? Daily (Monday to Friday) Daily (Saturday and Sunday) 3-4 times a week 1-2 times a week
O O O	Did you have any travel companion? I travelled alone I travelled with young children I travelled with elderly dependent(s) Other (please specify)

Q9	What was the primary purpose of your trip?
$\mathbf{O}$	Commuting to work/school
O	Going home
O	Dining, refreshment
O	Shopping
O	Recreation, Exercise
O	Accompanying someone
O	Drop off, Pick up
O	Meeting family or friends
O	Other (please specify)
Q1	0 What was the Bus Number of your last trip?
0	The bus number is

Q0 Please rate your satisfaction level with your overall Bus journey experience on a scale of 1 (extremely dissatisfied) to 5 (extremely satisfied).

	1	2	3	4	5
Overall Bus journey experience	O	O	O	O	0

## Q1 Trip Planning

	Yes	No
1. I used a Smartphone app or internet to plan my trip	O	0
2. I checked the bus arrival time before leaving	<b>O</b>	$\mid \mathbf{c} \mid$

Based on your most recent bus trip, please rate your level of agreement with the following statements on a scale of 1 (strongly disagree) to 5 (strongly agree). Please choose "NA" if not applicable.

## Q2.1 Going to the bus stop and Waiting for the bus

	1	2	3	4	5	NA
Walking distance from my origin to the bus stop was acceptable	O	0	0	0	O	0
2. The provision of sheltered walkway was sufficient from my origin to the bus stop	0	0	O	O	O	<b>O</b>
3. Shelter at the bus stop can protect me from extreme weather (e.g. heavy rain, hot sunshine)	0	0	O	0	O	<b>O</b>
4. There is enough benches/seats at the bus stop	O	O	O	O	O	O
5. The seats at the bus stop were comfortable	O	O	O	O	O	C
6. The bus stop was clean and well maintained.	0	0	$ \mathbf{c} $	O	0	C

Q2	.2 Which of the following is most important to you? (You can choose up to 3 items)
	1. Walking distance from my origin to the bus stop should be acceptable
	2. The provision of sheltered walkway should be sufficient from my origin to the bus stop
	3. Shelter at the bus stop should be able to protect me from extreme weather (e.g. heavy
	rain, hot sunshine)
	4. There is enough benches/seats at the bus stop
	5. The seats at the bus stop should be comfortable
	6. The bus stop should be clean and well maintained.

# Q3.1 Boarding

	1	2	3	4	5	NA
1. Tapping my card at the card reader was easy	0	O	O	O	O	O
2. The bus captain was friendly	O	O	O	O	O	O
3. Other passengers moved to the back after boarding	O	O	O	O	O	O
4. Other passengers gave up their seats to those who were in need	0	0	0	0	O	O
5. The bus captain allowed adequate time for passengers to sit down or grab the handle before driving off	0	0	0	O	O	O

Q3	.2 Which of the following is most important to you? (You can choose up to 3 items)
	1. Tapping my card at the card reader should be easy
	2. The bus captain should be friendly
	3. Other passengers should move to the back after boarding
	4. Other passengers should give up their seats to those who were in need
	5. The bus captain should allow adequate time for passengers to sit down or grab the
	handle before driving off

## Q4.1 Travelling

	1	2	3	4	5	NA
1. The bus was travelling at an acceptable speed	O	O	O	O	0	O
2. There were enough seats or space to stand	O	O	O	O	O	O
3. There were enough handrails for standing passengers	O	O	O	O	O	O
4. The information showing the next bus stop was helpful	O	O	O	O	O	O
5. Air temperature and ventilation inside the bus were just nice	O	O	O	O	O	O
6. The bus was clean and well maintained	O	O	O	O	0	O
7. The bus captain was driving in a safe manner	0	0	0	0	0	<b>O</b>

Q4	.2 Which of the following is most important to you? (You can choose up to 3 items)
	The bus should be travelling at an acceptable speed
	2. There should be enough seats or space to stand
	3. There should be enough handrails for standing passengers
	4. The information showing the next bus stop should be helpful
	5. Air temperature and ventilation inside the bus should be just nice
	6. The bus should be clean and well maintained
	7. The bus captain was driving in a safe manner

# Q5.1 Alighting and Going to the Destination

	1	2	3	4	5	NA
1. It was easy for me to know where to alight	O	0	0	O	O	0
2. The bus captain allowed enough time for alighting	O	C	O	C	0	O
3. Tapping out at the card reader was easy	0	O	O	O	0	0
4. Other passenger/s gave way to alighting passengers	0	O	O	O	0	0
5. The walking distance from the bus stop to my Destination was acceptable	0	0	0	0	O	O

Q5	5.2 Which of the following is most important to you? (You can choose up to 3 items)
	1. It should be easy for me to know where to alight
	2. The bus captain should allow enough time for alighting
	3. Tapping out at the card reader should be easy
	4. Other passenger/s should give way to alighting passengers
	5. The walking distance from the bus stop to my Destination should be acceptable

O	Gender Male Female
Q2	Age group
	Below 21
O	21-24
O	25-34
O	35-44
$\mathbf{C}$	45-54
$\mathbf{C}$	55-64
O	65 and above
Q3	Main occupation
	PMET (Professionals, Managers, Executives and Technicians)
	Clerical Support Workers
O	Service and Sales Workers
O	Agricultural and Fishery Workers
O	Craftsmen and Related Trades Workers
$\mathbf{C}$	Plant and Machine Operators and Assemblers
O	Cleaners, Labourers and Related Workers
O	Self employed
O	Student
O	National Service
O	Home maker
O	Retired
O	Unemployed
O	Other
Q4	Monthly income level (optional)
O	Below \$2000
$\mathbf{C}$	\$2001- \$4000
$\mathbf{C}$	\$4001- \$6000
O	\$6001- \$8000
O	Above \$8000
Q5	Highest academic qualifications
	Below secondary school
O	Secondary school

JC/Poly/ITE or equivalentUniversity and above

Q6 Housing type	
O 1-room or 2-room HDB flat	
○ 3-room HDB flat	
O 4-room HDB flat	
<ul> <li>5-room HDB flat/HUDC/Executive Condominium</li> </ul>	
O Private housing (Condominium, Apartment, Landed Property)	
O Others:	
Q8 Marital status	
O Single	
O Married	
O Separated/divorced	
O Widowed	
Q9 Number of senior dependents (parents whom you have to support	)
O None	•
O 1-2	
O 3-4	
Q10 Number of dependents (children whom you have to support)	
O None	
O 1-2	
Q 3-4	
O 5 or more	
Q11 Do you have access to car in your household?	
O Yes	
O No	
Q12 What is your primary transport mode?	
O Public Transport (Bus, MRT, LRT)	
O Private Transport (Car, Motorcycle)	
O Taxi	
O Bicycle	
O Walking	
O Other	
• Other	