



Appendix I:
Detailed Tables



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*HOUSEHOLD AND PERSON
CHARACTERISTICS*



TABLE 1

HOUSEHOLD SIZE

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>NUMBER OF HOUSHOLD MEMBERS</u>					
One person	33	28	36	33	31
Two persons	53	66	51	54	51
Three persons	6	4	6	5	8
Four and more persons	8	2	7	8	10
TOTAL	100	100	100	100	100
Average household size	1.9	1.8	1.9	1.9	2.0

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 2

PRIVATE CARS PER HOUSEHOLD

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
No car	9	12	13	7	9
One car	40	34	39	41	40
Two cars	40	48	39	41	37
Three cars and more	11	6	9	11	14
TOTAL	100	100	100	100	100
Average cars / household	1.6	1.5	1.4	1.6	1.6

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 3

CAR OWNERSHIP

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>HOUSEHOLD CAR OWNERSHIP</u>					
No car	9	12	13	7	9
One or more Island cars (no Mainland car)	33	20	24	36	37
One or more Mainland cars (no Island car)	4	14	9	3	2
One or more Mainland and Island cars	54	54	54	54	52
TOTAL	100	100	100	100	100

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 4

PRIVATE BOAT OWNERSHIP

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>HOUSEHOLD PRIVATE BOAT OWNERSHIP</u>					
Yes	42	42	51	41	40
No	58	58	49	59	60
TOTAL	100	100	100	100	100

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 5

BICYCLE OWNERSHIP

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>HOUSEHOLD BICYCLE OWNERSHIP</u>					
Yes	41	38	42	46	35
No	59	62	58	54	65
TOTAL	100	100	100	100	100

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 6

AGE GROUPS BY ISLAND POPULATION

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>AGE GROUPS</u>					
Up to 6 years	5	7	6	3	7
6 to 17 years	13	0 ¹⁾	12	13	14
18 to 24 years	4	2	2	3	5
25 to 44 years	17	21	14	18	16
45 to 64 years	40	52	44	40	39
65 years and older	21	18	22	23	19
TOTAL	100	100	100	100	100
Share of persons (%)	100	3	9	46	42

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 7

GENDER BY ISLAND POPULATION

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>GENDER</u>					
Male	50	51	48	50	51
Female	50	49	52	50	49
TOTAL	100	100	100	100	100
Share of persons (%)	100	3	9	46	42

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

TABLE 8

EMPLOYMENT STATUS BY ISLAND POPULATION

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>EMPLOYMENT STATUS</u>					
Up to 5 years of age	5	7	6	3	7
At school, college, university	16	0 ¹⁾	14	16	17
Home duties	9	8	11	10	8
Retired or pensioner	36	42	38	36	34
Temporarily unemployed	3	2	2	1	5
Working women	14	18	15	15	13
Working men	17	23	14	19	16
TOTAL	100	100	100	100	100
Share of persons (%)	100	3	9	46	42

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



***TRAVEL PATTERNS
– OVERALL –***

***BASIC TRAVEL
CHARACTERISTICS***



TABLE 9

BASIC TRAVEL CHARACTERISTICS
– PER DAY –

	SOUTHERN MORETON BAY ISLANDS 2010	
	ALL DAYS	WORKDAYS
Share of mobiles	79 %	81 %
<u>MOBILE PERSONS:</u>		
- Activities	1.89	1.94
- Journeys	1.26	1.24
- Trips	3.15	3.18
<u>ALL PERSONS:</u>		
- Activities	1.50	1.57
- Journeys	1.00	1.00
- Trips	2.50	2.57
- Travel time (minutes)	103	108
- Travel time without ferry/barge (minutes)	79	81
- Distance (km)	43	43
- Distance without ferry/barge (km)	34	34

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 10

BASIC TRAVEL CHARACTERISTICS
– PER ISLAND POPULATION –

	SOUTHERN MORETON BAY ISLANDS 2010			
	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
Share of mobiles	83 %	80 %	76 %	82 %
<u>MOBILE PERSONS:</u>				
- Activities	2.06	1.88	2.04	1.74
- Journeys	1.33	1.24	1.28	1.24
- Trips	3.39	3.12	3.32	2.98
<u>ALL PERSONS:</u>				
- Activities	1.70	1.50	1.55	1.43
- Journeys	1.10	1.00	0.98	1.02
- Trips	2.80	2.50	2.53	2.45
- Travel time (minutes)	115	114	98	106
- Travel time without ferry/barge (minutes)	88	79	77	77
- Distance (km)	47	44	41	44
- Distance without ferry/barge (km)	36	31	34	33

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 11

NUMBER OF TRIPS BY CAR OWNERSHIP
(PERSONS 18 YEARS AND OLDER)

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	NO CAR	JUST AN ISLAND CAR	JUST A MAINLAND CAR	AN ISLAND AND A MAINLAND CAR
	%	%	%	%	%
No trip	22	30	29	15	11
One trip	2	2	2	2	2
Two trips	37	35	33	40	43
Three trips	12	9	10	13	14
Four trips	13	12	11	15	16
Five trips and more	14	12	15	15	14
TOTAL	100	100	100	100	100
Share of persons (%)	100	22	34	16	28

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 12

ACTIVITIES BY DAY OF THE WEEK

	SOUTHERN MORETON BAY ISLANDS 2010			
	TOTAL	WORKDAY	SATURDAY	SUNDAY
	%	%	%	%
<u>ACTIVITIES</u>				
Work	16	18	9	9
Work-related business	2	3	0 ¹⁾	0 ¹⁾
Education	6	8	2	0 ¹⁾
Shopping	26	26	25	30
Personal business	7	9	2	1
Escort	13	13	9	13
Leisure	30	23	53	47
TOTAL	100	100	100	100
Share of all activities (%)	100	75	13	12

¹⁾ less than 0.5 %



TABLE 13

TRIP PURPOSE BY ISLAND POPULATION

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>TRIP PURPOSE</u>					
Work	17	18	19	17	16
Work-related business	2	0 ¹⁾	2	2	2
Education	7	0 ¹⁾	6	6	8
Shopping	25	22	25	25	26
Personal business	7	9	7	7	6
Escort	12	15	9	13	12
Leisure	30	36	32	30	30
TOTAL	100	100	100	100	100

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 14

TRIP PURPOSE BY AGE AND GENDER

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL	UNDER 20 YEARS	20 TO 59 YEARS FEMALE	20 TO 59 YEARS MALE	60 YEARS AND OLDER
	%	%	%	%	%
<u>TRIP PURPOSE</u>					
Work	17	2	28	33	7
Work-related business	2	0 ¹⁾	2	5	1
Education	7	34	3	0 ¹⁾	0 ¹⁾
Shopping	25	11	20	24	37
Personal business	7	2	6	4	11
Escort	12	16	17	10	8
Leisure	30	35	24	24	36
TOTAL	100	100	100	100	100

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TRAVEL PATTERNS
– OVERALL –

MODE CHOICE



TABLE 15

MODE CHOICE

SOUTHERN MORETON BAY ISLANDS 2010			
	TRIPS PER MOBILE PERSON PER DAY	TRIPS PER PERSON PER DAY	%
<u>MAIN MODE</u>			
Walking	0.26	0.21	8
Bicycle	0.04	0.03	1
Motorcycle	0.01	0.01	0 ¹⁾
Car as driver	1.63	1.29	52
Car as passenger	0.91	0.72	29
Public transport	0.30	0.24	10
TOTAL	3.15	2.50	100

¹⁾less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 16

MODE CHOICE BY ISLAND POPULATION

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>MAIN MODE</u>					
Walking	8	10	17	7	8
Bicycle	1	3	3	2	0 ⁾
Motorcycle	0 ⁾	0 ⁾	0 ⁾	0 ⁾	0 ⁾
Car as driver	52	51	43	54	50
Car as passenger	29	34	24	28	31
Public transport	10	2	13	9	11
TOTAL	100	100	100	100	100

⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 17

MODE CHOICE BY GENDER

	SOUTHERN MORETON BAY ISLANDS 2010		
	TOTAL	MALE	FEMALE
	%	%	%
<u>MAIN MODE</u>			
Walking	8	9	8
Bicycle	1	1	2
Motorcycle	0 ¹⁾	1	0 ¹⁾
Car as driver	52	58	45
Car as passenger	29	23	34
Public transport	10	8	11
TOTAL	100	100	100
Share of trips (%)	100	49	51

¹⁾less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 18

MODE CHOICE BY AGE GROUP

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL	UP TO 17 YEARS	18 TO 44 YEARS	45 TO 64 YEARS	65 YEARS AND OLDER
	%	%	%	%	%
<u>MAIN MODE</u>					
Walking	8	7	5	9	12
Bicycle	1	4	1	1	1
Motorcycle	0 ¹⁾	0 ¹⁾	0 ¹⁾	0 ¹⁾	1
Car as driver	52	1	66	65	49
Car as passenger	29	67	22	19	25
Public transport	10	21	6	6	12
TOTAL	100	100	100	100	100

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

TABLE 19

MODE CHOICE BY EMPLOYMENT STATUS

SOUTHERN MORETON BAY ISLANDS 2010									
MAIN MODE	TOTAL %	UP TO 5 YEARS OF AGE %	AT SCHOOL, COLLEGE, UNIVERSITY %	HOME DUTIES %	RETIRED OR AGE PENSIONER %	TEMPORARILY UNEMPLOYED %	WORKING WOMEN %	WORKING MEN %	
Walking	8	8	6	9	13	11	5	5	
Bicycle	1	0 ¹	4	1	1	0 ¹	0 ¹	1	
Motorcycle	0 ¹	-	0 ¹	0 ¹	1	0 ¹	0 ¹	0 ¹	
Car as driver	52	-	9	67	53	48	63	78	
Car as passenger	29	92	56	17	22	27	27	12	
Public transport	10	0 ¹	25	6	10	14	5	4	
TOTAL	100	100	100	100	100	100	100	100	
Share of all trips (%)	100	4	11	33	16	3	16	17	

¹ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

TABLE 20

MODE CHOICE BY WEEKDAY

SOUTHERN MORETON BAY ISLANDS 2010										
	TOTAL	MONDAY	TUESDAY	WEDNES- DAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY		
	%	%	%	%	%	%	%	%		
MAIN MODE										
Walking	8	6	6	4	9	9	11	14		
Bicycle	1	4	2	1	0 ¹⁾	0 ¹⁾	2	1		
Motorcycle	0 ¹⁾	0 ¹⁾	0 ¹⁾	0 ¹⁾	1	1	0 ¹⁾	0 ¹⁾		
Car as driver	52	59	51	53	56	47	42	54		
Car as passenger	29	20	29	31	21	31	40	29		
Public transport	10	11	12	11	13	12	5	2		
TOTAL	100	100	100	100	100	100	100	100		
Share of all trips (%)	100	14	14	15	14	16	14	13		

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 21

NUMBER OF TRIPS BY CAR OWNERSHIP
(HOUSEHOLD)

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL %	NO CAR %	JUST AN ISLAND CAR %	JUST A MAINLAND CAR %	AN ISLAND AND A MAINLAND CAR %
<u>MAIN MODE</u>					
Walking	8	19	13	23	6
Bicycle	1	3	1	1	2
Motorcycle	0 ¹⁾	7	1	0 ¹⁾	0 ¹⁾
Car as driver	52	6	46	55	54
Car as passenger	29	30	21	6	31
Public transport	10	35	18	15	7
TOTAL	100	100	100	100	100
Share of all trips (%)	100	3	20	1	76

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

TABLE 22

MODE CHOICE BY PURPOSE

		SOUTHERN MORETON BAY ISLANDS 2010							
<u>MAIN MODE</u>	TOTAL	WORK	WORK-RELATED BUSINESS	EDUCATION	SHOPPING	PERSONAL BUSINESS	ESCORT	LEISURE	
	%	%	%	%	%	%	%	%	%
Walking	8	2	0 ⁷	7	8	2	2	17	
Bicycle	1	0 ⁷	0 ⁷	1	1	0 ⁷	0 ⁷	4	
Motorcycle	0 ⁷	0 ⁷	0 ⁷	0 ⁷	1	1	0 ⁷	0 ⁷	
Car as driver	52	69	98	5	53	46	74	40	
Car as passenger	29	23	2	34	27	32	24	35	
Public transport	10	6	0 ⁷	53	10	19	0 ⁷	4	
TOTAL	100	100	100	100	100	100	100	100	
Share of all trips (%)	100	17	2	7	25	7	12	30	

⁷ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older, 3,362 trips, distance of trips up to 100 km



TABLE 23

MODE CHOICE – ALL MODES

	SOUTHERN MORETON BAY ISLANDS 2010	
	ALL MODES ("UNLINKED TRIPS") -USED MODES PER TRIP %	ALL MODES ("UNLINKED TRIPS") -LEGS- %
<u>ALL MODES</u>		
Walking	86	162
Bicycle	2	2
Motorcycle	1	1
Car as driver Island	44	45
Car as driver Mainland	26	26
Car as passenger Island	26	26
Car as passenger Mainland	13	13
Private boat	1	1
Ferry	37	37
Barge	3	3
Bus	8	9
School bus	2	2
Other public transport	1	1
TOTAL	250	328

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



***TRAVEL PATTERNS
– OVERALL –***

DURATION AND TRIP DISTANCE

TABLE 24

DURATION, DISTANCE, SPEED PER TRIP						
SOUTHERN MORETON BAY ISLANDS 2010						
MAIN MODE	INCLUDING FERRY LEGS			EXCLUDING FERRY LEGS		
	DURATION (MINUTES)	TRIP DISTANCE (KM)	SPEED (KM/H)	DURATION (MINUTES)	TRIP DISTANCE (KM)	SPEED (KM/H)
Walking	16	1.6	6	14	1.5	6
Bicycle	17	2.4	9	19	2.5	8
Motorcycle	18	2.4	8	18	2.4	8
Car as driver	35	16.2	28	27	13.4	30
Car as passenger	48	21.3	27	35	16.8	29
Public transport	81	25.2	19	61	18.0	18
TOTAL	41	17	25	32	13.7	26

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

TABLE 25

TRIP DISTANCE BY MODE CHOICE
– cumulated –

SOUTHERN MORETON BAY ISLANDS 2010							
	TOTAL	WALKING	BICYCLE	MOTOR CYCLE	CAR AS DRIVER	CAR AS PASSENGER	PUBLIC TRANSPORT
	%	%	%	%	%	%	%
<u>TRIP DISTANCE</u>							
Up to 1.0 km	12	50	48	31	10	6	0 ⁷⁾
Up to 3.0 km	33	90	78	72	32	25	7
Up to 5.0 km	46	97	81	100	47	36	14
Up to 10.0 km	56	99	98	100	61	46	18
Up to 50.0 km	91	100	100	100	91	88	91
TOTAL	100	100	100	100	100	100	100

⁷⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

TABLE 26

 TRIP DISTANCE BY TRIP PURPOSE
 – cumulated –

SOUTHERN MORETON BAY ISLANDS 2010								
	TOTAL	WORK	WORK-RELATED BUSINESS	EDUCATION	SHOPPING	PERSONAL BUSINESS	ESCORT	LEISURE
	%	%	%	%	%	%	%	%
<u>TRIP DISTANCE</u>								
Up to 1.0 km	12	4	23	3	13	12	12	17
Up to 3.0 km	33	13	26	30	34	21	39	45
Up to 5.0 km	46	21	43	45	44	28	64	56
Up to 10.0 km	56	31	62	49	58	39	77	65
Up to 50.0 km	91	75	93	96	98	88	97	91
TOTAL	100	100	100	100	100	100	100	100

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

TABLE 27

MODE CHOICE BY DISTANCE							
SOUTHERN MORETON BAY ISLANDS 2010							
MAIN MODE	TOTAL %	UP TO 1.0 KM %	1.1 – 3.0 KM %	3.1 – 5.0 KM %	5.1 – 10.0 KM %	10.1 – 50.0 KM %	OVER 50.0 KM %
Walking	8	35	16	5	2	0 ¹	0 ¹
Bicycle	1	6	2	0 ¹	2	0 ¹	0 ¹
Motorcycle	0 ¹	1	0 ¹	1	0 ¹	0 ¹	0 ¹
Car as driver	52	43	53	65	63	45	52
Car as passenger	29	15	26	23	30	35	38
Public transport	10	0 ¹	3	6	3	20	10
TOTAL	100	100	100	100	100	100	100
Share of all trips (%)	100	12	21	13	10	35	9

¹ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 28

DISTANCE BY CAR OWNERSHIP
(HOUSEHOLD)

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	NO CAR	JUST AN ISLAND CAR	JUST A MAINLAND CAR	AN ISLAND AND A MAINLAND CAR
	%	%	%	%	%
<u>TRIP DISTANCE</u>					
Up to 1.0 km	12	18	14	8	11
1.1 to 3.0 km	21	29	28	26	19
3.1 to 5.0 km	13	14	15	10	12
5.1 to 10.0 km	10	6	13	6	10
10.1 to 50.0 km	35	30	27	35	37
Up to 50.0 km	9	3	3	15	11
TOTAL	100	100	100	100	100
Share of all trips (%)	100	3	20	1	76

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

TRAVEL PATTERNS
– OVERALL –

MODE USAGE



TABLE 29

CAR USAGE

	SOUTHERN MORETON BAY ISLANDS 2010	
	PER CAR / DAY	"MOBILE" CARS
Usage (%)	66	(100)
Trips	2.2	3.3
Duration per day (minutes)	49 ¹⁾	74 ¹⁾
Distance per day (km)	25 ¹⁾	38 ¹⁾
Occupancy per trip		
- All days		1.6
- Workdays		1.5

¹⁾ Pure car-trip-duration without walking stages

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 30

PUBLIC TRANSPORT

	SOUTHERN MORETON BAY ISLANDS 2010
Trips per person/year	82
Share of people using public transport per day (%)	12 %
Trips per user and day	2.0

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 31

NON-MOTORISED MODES OF
TRANSPORT

	SOUTHERN MORETON BAY ISLANDS 2010
Trips per person/year	76
Share of people using non motorised modes of transport per day (%)	9 %
Trips per user and day	2.5

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TRAVEL PATTERNS
– OVERALL –
SPATIAL DISTRIBUTION



TABLE 32

SPATIAL DISTRIBUTION BY ISLAND POPULATION

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
Island	49	32	42	50	50
Home Island	47	24	27	49	49
Other Island	2	8	15	1	1
Mainland	13	17	18	14	9
Transfer (Island-Mainland)	38	51	40	36	41
TOTAL	100	100	100	100	100

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 33

ACTIVITIES BY LOCATION

	TOTAL %	ISLAND %	MAINLAND %
<u>ACTIVITIES</u>			
Work	16	9	22
Work-related business	2	3	2
Education	6	6	5
Shopping	26	23	29
Personal business	7	5	10
Escort	13	20	6
Leisure	30	34	26
TOTAL	100	100	100
Share of all activities (%)	100	47	53

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



***TRAVEL PATTERNS
– ISLAND –***

BASIC TRAVEL CHARACTERISTICS



TABLE 34

BASIC TRAVEL CHARACTERISTICS PER DAY – Island –

	SOUTHERN MORETON BAY ISLANDS 2010	
	ALL DAYS	WORKDAYS
<u>ALL PERSONS</u>		
Activities (including getting to the ferry crossing)	1.18	1.20
Activities (excluding getting to the ferry crossing)	0.70	0.70
Journeys	0.99	0.99
Trips	2.17	2.20
Travel time (min)	23	24
Distance (km)	5	6

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 35

BASIC TRAVEL CHARACTERISTICS BY ISLAND
POPULATION
– Island –

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL	KARRA- GARRA	LAMB	MACLEAY	RUSSELL
<u>ALL PERSONS</u>					
Activities (including getting to the ferry crossing)	1.18	1.21	1.03	1.19	1.17
Activities (excluding getting to the ferry crossing)	0.70	0.51	0.59	0.75	0.69
Journeys	0.99	1.15	0.98	0.99	1.02
Trips	2.17	2.36	2.01	2.18	2.19
Travel time (min)	23	23	30	23	22
Distance (km)	5	4	3	5	6

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 36a

ACTIVITIES BY ISLAND POPULATION
(INCLUDING FERRY CROSSING)
– Island –

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	KARRA- GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>ACTIVITIES</u>					
Getting to the ferry crossing	40	58	44	38	42
Work	5	10	4	6	5
Work-related business	2	0 ¹⁾	3	2	1
Education	4	0 ¹⁾	7	4	4
Shopping	14	3	9	14	15
Personal business	3	1	2	2	3
Escort	12	12	7	12	12
Leisure	20	16	24	22	18
TOTAL	100	100	100	100	100
Share of all activities (%)	60	3	8	46	43

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 36b

ACTIVITIES BY ISLAND POPULATION
(EXCLUDING FERRY CROSSING)
– Island –

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL	KARRA- GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>ACTIVITIES</u>					
Work	9	23	7	9	9
Work-related business	3	0 ¹⁾	5	3	3
Education	6	0 ¹⁾	13	6	6
Shopping	23	8	16	23	25
Personal business	5	2	4	4	5
Escort	20	28	12	20	20
Leisure	34	39	43	35	32
TOTAL	100	100	100	100	100
Share of all activities (%)	100	2	8	49	41

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 37

ACTIVITIES BY AGE AND GENDER
– Island –

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	UNDER 20 YEARS	20 TO 59 YEARS FEMALE	20 TO 59 YEARS MALE	60 YEARS AND OLDER
	%	%	%	%	%
<u>ACTIVITIES</u>					
Getting to the ferry crossing	40	38	42	51	35
Work	5	2	10	8	2
Work-related business	2	0 ¹⁾	2	4	1
Education	4	20	0 ¹⁾	0 ¹⁾	0 ¹⁾
Shopping	14	5	13	10	21
Personal business	3	1	2	2	5
Escort	12	13	17	10	8
Leisure	20	21	14	15	28
TOTAL	100	100	100	100	100
Share of all activities (%)	100	19	27	19	35

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



***TRAVEL PATTERNS
– ISLAND –***

MODE CHOICE



TABLE 38

MODE CHOICE BY ISLAND POPULATION
– Island –

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>MAIN MODE</u>					
Walking	14	28	35	11	13
Bicycle	2	8	4	3	0 ⁾
Motorcycle	1	0 ⁾	0 ⁾	1	1
Car as driver	50	41	37	53	51
Car as passenger	30	23	19	29	33
Public transport	3	0 ⁾	5	3	2
TOTAL	100	100	100	100	100
Share of all trips (%)	100	3	8	46	43

⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 39

ACTIVITIES BY AGE AND GENDER
– Island –

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL %	UNDER 20 YEARS %	20 TO 59 YEARS FEMALE %	20 TO 59 YEARS MALE %	60 YEARS AND OLDER %
<u>MAIN MODE</u>					
Walking	14	13	12	14	16
Bicycle	2	4	2	2	1
Motorcycle	1	0 ¹⁾	1	2	1
Car as driver	50	2	62	66	59
Car as passenger	30	71	23	15	21
Public transport	3	10	0 ¹⁾	1	2
TOTAL	100	100	100	100	100

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

TABLE 40

MODE CHOICE BY ACTIVITIES
– Island –

SOUTHERN MORETON BAY ISLANDS 2010									
MAIN MODE	TOTAL %	GETTING TO THE FERRY CROSSING %	WORK %	WORK-RELATED BUSINESS %	EDUCATION %	SHOPPING %	PERSONAL BUSINESS %	ESCORT %	LEISURE %
Walking	14	12	10	0 ¹⁾	14	14	6	0 ¹⁾	28
Bicycle	2	1	0 ¹⁾		3	1	0 ¹⁾	2	6
Motorcycle	1	2	0 ¹⁾		0 ¹⁾	1	1	0 ¹⁾	0 ¹⁾
Car as driver	50	44	82		1	64	66	0 ¹⁾	38
Car as passenger	30	39	7		52	20	27	77	26
Public transport	3	2	1		30	0 ¹⁾	0 ¹⁾	21	2
TOTAL	100	100	100	-	100	100	100	100	100

¹⁾ less than 0.5 %¹⁾ basis too small to indicate results

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TRAVEL PATTERNS
– ISLAND –
DURATION AND TRIP DISTANCE



TABLE 41

DURATION SPEED DISTANCE
– Island –

SOUTHERN MORETON BAY ISLANDS 2010			
	DURATION (MINUTES)	TRIP DISTANCE (KM)	SPEED (KM/H)
<u>MAIN MODE</u>			
Walking	16	0.7	3
Bicycle	17	1.3	5
Motorcycle	14	4.5	19
Car as driver	9	2.7	18
Car as passenger	10	2.7	16
Public transport	22	3.6	16
TOTAL	11	2.4	13

Database: 2010; 1373 persons 0 years of age and older; 3362 trips, distance of trips up to 100 km

TABLE 42

MODE CHOICE BY DISTANCE – Island –						
SOUTHERN MORETON BAY ISLANDS 2010						
MAIN MODE	TOTAL %	UP TO 0.5 KM %	0.6 – 1.0 KM %	1.1 – 3.0 KM %	3.1 – 5.0 KM %	OVER 5.0 KM %
Walking	14	37	17	6	3	2
Bicycle	2	4	3	1	0 ¹⁾	1
Motorcycle	1	0 ¹⁾	1	0 ¹⁾	2	3
Car as driver	50	42	51	53	52	60
Car as passenger	30	16	28	37	38	31
Public transport	3	1	0 ¹⁾	3	5	3
TOTAL	100	100	100	100	100	100
Share of all trips (%)	100	27	11	32	18	12

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older, 3,362 trips, distance of trips up to 100 km

TABLE 43

 DISTANCE BY MODE CHOICE
 – Island –

SOUTHERN MORETON BAY ISLANDS 2010							
	TOTAL	WALKING	BICYCLE	MOTOR CYCLE	CAR AS DRIVER	CAR AS PASSENGER	PUBLIC TRANSPORT
	%	%	%	%	%	%	%
<u>TRIP DISTANCE</u>							
Up to 0.5 km	27	69	57	3	23	15	13
0.6 to 1.0 km	11	13	14	6	11	10	1
1.1 to 3.0 km	32	13	22	20	33	39	34
3.1 to 5.0 km	18	3	0 ⁷	33	19	23	40
Over 5.0 km	12	2	7	38	14	13	12
TOTAL	100	100	100	100	100	100	100
Share of all trips (%)	100	14	2	1	50	30	3

⁷ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 44

DISTANCE BY ISLAND POPULATION
– Island –

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	KARRA- GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>TRIP DISTANCE</u>					
Up to 0.5 km	27	38	34	27	25
0.6 to 1.0 km	11	10	23	10	9
1.1 to 3.0 km	32	41	25	28	36
3.1 to 5.0 km	18	2	16	23	16
Over 5.0 km	12	9	2	12	14
TOTAL	100	100	100	100	100

Database: 2010; 1373 persons 0 years of age and older; 3362 trips, distance of trips up to 100 km



TRAVEL PATTERNS
– ISLAND –

TRIP LEGS



TABLE 45

MODE CHOICE TRIP LEGS
– Island –

	SOUTHERN MORETON BAY ISLANDS 2010
	MODE PER LEG
<u>ALL MODES</u>	
Walking	90
Bicycle	2
Motorcycle	1
Car as driver	51
Car as passenger	30
Private boat	0 ¹⁾
Ferry	2
Barge	0 ¹⁾
School bus	2
Other public transport	0 ¹⁾
TOTAL	178

¹⁾less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 46

STAGES PER TRIP
- Island -

SOUTHERN MORETON
BAY ISLANDS 2010

<u>MAIN MODE</u>	
Walking	1.2
Bicycle	1.7
Motorcycle	2.2
Car as driver	1.6
Car as passenger	2.0
Public transport	3.7
TOTAL	1.8

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 47

LEG CHARACTERISTICS
– Island –

	SOUTHERN MORETON BAY ISLANDS 2010
Trips per person and day	2.2
Legs per person per day	4.0
Legs per trips	1.8
Distance per leg (km)	1.3
Duration per leg (min)	6

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 48

LEG TYPE DURATION AND
DISTANCE PER TRIP
– Island –

SOUTHERN MORETON BAY ISLANDS 2010		
	ISLAND TRIPS (KM)	ISLAND TRIPS (MIN)
Access ferry / public transport / car / bicycle	0.1	1
Waiting /changing mode	0.0 ¹⁾	1
Travelling	2.3	8
Egress from ferry /public transport / car / bicycle	0.0 ¹⁾	1
TOTAL	2.4	11

¹⁾ less than 0.05 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 49

LEG TYPE
- Island -

SOUTHERN MORETON BAY ISLANDS 2010	
	%
Access ferry / public transport / car / bicycle	32
Waiting /changing mode	2
Travelling	53
Egress from ferry /public transport / car / bicycle	13
TOTAL	100

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

***TRAVEL PATTERNS
– MAINLAND –***

BASIC TRAVEL CHARACTERISTICS



TABLE 50

BASIC TRAVEL CHARACTERISTICS PER DAY
– Mainland –

	SOUTHERN MORETON BAY ISLANDS 2010	
	ALL DAYS	WORKDAYS
<u>ALL PERSONS</u>		
Activities (excluding getting to the ferry crossing)	0.79	1.18
Trips	1.24	1.84
Travel time (min)	56	67
Distance (km)	26	36

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 51

BASIC TRAVEL CHARACTERISTICS PER ISLAND
POPULATION
– Mainland –

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	KARRA- GARRA	LAMB	MACLEAY	RUSSELL
<u>ALL PERSONS</u>					
Activities (excluding getting to the ferry crossing)	0.79	1.20	0.92	0.79	0.73
Trips	1.24	1.93	1.40	1.24	1.18
Travel time (min)	56	54	51	45	45
Distance (km)	26	33	29	27	24

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 52a

**ACTIVITIES BY ISLAND POPULATION
(INCLUDING FERRY CROSSING)
– Mainland –**

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>ACTIVITIES</u>					
Getting to the ferry crossing	36	38	34	36	38
Work	14	10	15	14	13
Work-related business	1	0 ¹⁾	0 ¹⁾	2	0 ¹⁾
Education	3	0 ¹⁾	1	3	5
Shopping	19	21	23	19	17
Personal business	6	7	7	6	6
Escort	4	5	5	5	2
Leisure	17	19	15	15	19
TOTAL	100	100	100	100	100
Share of all activities (%)	100	4	10	46	40

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 52b

ACTIVITIES BY ISLAND POPULATION
(EXCLUDING FERRY CROSSING)
– Mainland –

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	KARRA- GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>ACTIVITIES</u>					
Work	22	16	23	22	21
Work-related business	2	0 ¹⁾	0 ¹⁾	3	1
Education	5	0 ¹⁾	2	4	7
Shopping	29	34	34	30	27
Personal business	10	12	10	10	9
Escort	6	8	8	8	4
Leisure	26	30	23	23	31
TOTAL	100	100	100	100	100
Share of all activities (%)	100	5	10	46	39

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 53

ACTIVITIES BY AGE AND GENDER
(EXCLUDING FERRY CROSSING)
– Mainland –

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	UNDER 20 YEARS	20 TO 59 YEARS FEMALE	20 TO 59 YEARS MALE	60 YEARS AND OLDER
	%	%	%	%	%
<u>ACTIVITIES</u>					
Work	22	1	33	38	9
Work-related business	2	0 ¹⁾	2	4	1
Education	5	25	5	0 ¹⁾	0 ¹⁾
Shopping	29	14	24	25	43
Personal business	10	2	9	5	17
Escort	6	18	4	6	4
Leisure	26	40	23	22	26
TOTAL	100	100	100	100	100
Share of all persons (%)	100	14	28	34	24

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

TRAVEL PATTERNS
– MAINLAND –

MODE CHOICE



TABLE 54

MODE CHOICE BY ISLAND POPULATION
– Mainland –

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL	KARRA- GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>MAIN MODE</u>					
Walking	4	4	3	5	4
Bicycle	0 ¹⁾	0 ¹⁾	0 ¹⁾	0 ¹⁾	0 ¹⁾
Motorcycle	0 ¹⁾	0 ¹⁾	0 ¹⁾	0 ¹⁾	0 ¹⁾
Car as driver	54	55	50	58	50
Car as passenger	27	38	30	23	29
Public transport	15	3	17	14	17
TOTAL	100	100	100	100	100
Share of all trips (%)	100	4	10	46	40

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 55

ACTIVITIES BY AGE AND GENDER
– Mainland –

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL %	UNDER 20 YEARS %	20 TO 59 YEARS FEMALE %	20 TO 59 YEARS MALE %	60 YEARS AND OLDER %
<u>MAIN MODE</u>					
Walking	4	4	3	5	4
Bicycle	0 ¹⁾	0 ¹⁾	0 ¹⁾	0 ¹⁾	0 ¹⁾
Motorcycle	0 ¹⁾	0 ¹⁾	0 ¹⁾	1	0 ¹⁾
Car as driver	54	1	64	79	52
Car as passenger	27	63	22	8	27
Public transport	15	32	11	7	17
TOTAL	100	100	100	100	100

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

TABLE 56

MODE CHOICE BY ACTIVITIES – Mainland –										
SOUTHERN MORETON BAY ISLANDS 2010										
	TOTAL %	GETTING TO THE FERRY CROSSING %	WORK %	WORK- RELATED BUSINESS %	EDU- CATION %	SHOPPING %	PERSONAL BUSINESS %	ESCORT %	LEISURE %	
<u>MAIN MODE</u>										
Walking	4	2	3	0 ¹⁾	8	7	5	5	4	
Bicycle	0 ¹⁾	0 ¹⁾	0 ¹⁾		0 ¹⁾	0 ¹⁾	0 ¹⁾	0 ¹⁾	0 ¹⁾	
Motorcycle	0 ¹⁾	0 ¹⁾	1		0 ¹⁾	0 ¹⁾	0 ¹⁾	0 ¹⁾	0 ¹⁾	
Car as driver	54	52	81		15	50	44	49	48	
Car as passenger	27	27	9		10	28	27	45	42	
Public transport	15	19	6		67	15	24	1	6	
TOTAL	100	100	100	-	100	100	100	100	100	
Share of activities (%)	100	36	14	1	3	19	6	4	17	

¹⁾ less than 0.5 %²⁾ basis too small to indicate results

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

***TRAVEL PATTERNS
– MAINLAND –***

DURATION AND TRIP DISTANCE



TABLE 57

DURATION, SPEED, DISTANCE
– Mainland –

SOUTHERN MORETON BAY ISLANDS 2010			
	DURATION (MINUTES)	TRIP DISTANCE (KM)	SPEED (KM/H)
<u>MAIN MODE</u>			
Walking	15	1.7	6
Bicycle	0 ¹⁾	0 ¹⁾	0 ¹⁾
Motorcycle	0 ¹⁾	0 ¹⁾	0 ¹⁾
Car as driver	35	22.6	39
Car as passenger	36	22.7	35
Public transport	47	16.5	21
TOTAL	37	20.7	34

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 58

MODE CHOICE BY DISTANCE
– Mainland –

SOUTHERN MORETON BAY ISLANDS 2010						
	TOTAL %	UP TO 1 KM %	1.1 - 5 KM %	5.1 - 10 KM %	10.1 - 50 KM %	OVER 50 KM %
MAIN MODE						
Walking	4	82	1	0 ¹	1	0 ¹
Bicycle	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹
Motorcycle	0 ¹	0 ¹	1	0 ¹	0 ¹	1
Car as driver	54	10	56	50	57	61
Car as passenger	27	8	25	29	27	30
Public transport	15	0 ¹	17	21	15	8
TOTAL	100	100	100	100	100	100
Share of all trips (%)	100	4	11	26	49	10

¹ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

TABLE 59

 DISTANCE BY MODE CHOICE
 – Mainland –

SOUTHERN MORETON BAY ISLANDS 2010							
	TOTAL	WALKING	BICYCLE	MOTOR CYCLE	CAR AS DRIVER	CAR AS PASSENGER	PUBLIC TRANSPORT
	%	%	%	%	%	%	%
<u>TRIP DISTANCE</u>							
Up to 1 km	4	90	0 ¹⁾	0 ¹⁾	1	1	0 ¹⁾
1.1 to 5 km	11	4			11	10	12
5.1 to 10 km	26	1			24	28	34
10.1 to 50 km	49	5			52	49	48
Over 50 km	10	0 ¹⁾			12	12	6
TOTAL	100	100	-	-	100	100	100
Share of all trips (%)	100	4	0 ¹⁾	0 ¹⁾	54	27	15

¹⁾ less than 0.5 %²⁾ database too small to indicate results

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



***TRAVEL PATTERNS
– MAINLAND –***

TRIP LEGS



TABLE 60

MODE CHOICE TRIP LEGS
– Mainland –

	SOUTHERN MORETON BAY ISLANDS 2010
	MODE PER LEG
<u>MAIN MODE</u>	
Walking	166
Bicycle	0 ¹⁾
Motorcycle	1
Car as driver	54
Car as passenger	28
Private boat	0 ¹⁾
Ferry	0 ¹⁾
Train	1
Bus	16
Other public transport	1
TOTAL	267

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

TABLE 61

STAGES PER TRIP – Mainland –

	SOUTHERN MORETON BAY ISLANDS 2010
<u>MAIN MODE</u>	
Walking	1.1
Car as driver	2.7
Car as passenger	2.7
Public transport	3.9
TOTAL	2.8

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 62

LEG CHARACTERISTICS
– Mainland –

	SOUTHERN MORETON BAY ISLANDS 2010
Trips per person and day	1.2
Legs per person and day	3.5
Legs per trips	2.8
Distance per leg (km)	7.3
Duration per leg (min)	13

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 63

LEG TYPE DURATION AND
DISTANCE PER TRIP
– Mainland –

SOUTHERN MORETON BAY ISLANDS 2010		
	MAINLAND TRIPS (KM)	MAINLAND TRIPS (MIN)
Access public transport / car / ferry	0.2	2
Waiting /changing mode	0.1	2
Travelling	20.5	31
Egress from public transport / car / berry	0.2	2
TOTAL	21	37

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 64

LEG TYPE
– Mainland –

SOUTHERN MORETON BAY ISLANDS 2010	
	%
Access public transport / car / ferry	28
Waiting /changing mode	8
Travelling	37
Egress from public transport / car / ferry	27
TOTAL	100

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



***TRAVEL PATTERNS
– TRANSFER –***

BASIC TRAVEL CHARACTERISTICS



TABLE 65

BASIC TRAVEL CHARACTERISTICS PER DAY – Transfer –

	SOUTHERN MORETON BAY ISLANDS 2010			
	ALL DAYS	WORK-DAYS	SATUR-DAYS	SUNDAYS
<u>ALL PERSONS</u>				
Trips	1.0	1.0	0.8	0.8
Travel time (min)	80	87	70	70
Distance (km)	33.3	36.4	29.5	30.3

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 66

MOBILITY
– Transfer –

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
<u>PER PERSON PER DAY</u>					
Trips	1.0	1.4	1.0	0.9	1.0
Travel time (min)	80	86	88	75	84
Distance (km)	33.3	39.0	34.1	31.2	35.0

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km

TABLE 67

TRIP PURPOSE BY AGE AND GENDER – Transfer –									
SOUTHERN MORETON BAY ISLANDS 2010									
TRIP PURPOSE	TOTAL %	UP TO 5 YEARS OF AGE %	AT SCHOOL, COLLEGE, UNIVERSITY %	HOME DUTIES %	RETIRED OR AGE PENSIONER %	TEMPO-RARILY UN-EMPLOYED %	WORKING WOMEN %	WORKING MEN %	
Work	29	0 ⁷⁾	10	3	2	10	63	64	
Work-related business	1	0 ⁷⁾	0 ⁷⁾	2	0 ⁷⁾	0 ⁷⁾	2	3	
Education	8	7	45	0 ⁷⁾	1	14	0 ⁷⁾	1	
Shopping	24	0 ⁷⁾	12	35	46	33	12	16	
Personal business	10	0 ⁷⁾	4	14	21	28	6	5	
Escort	6	24	10	13	2	0 ⁷⁾	4	2	
Leisure	22	69	19	33	28	15	13	9	
TOTAL	100	100	100	100	100	100	100	100	
Share of all trips (%)	100	5	16	8	27	3	18	23	

⁷⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 68

TRIP PURPOSE BY ISLAND POPULATION
– TRANSFER –

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>TRIP PURPOSE</u>					
Work	29	23	33	29	27
Work-related business	1	0 ¹⁾	0 ¹⁾	2	1
Education	8	0 ¹⁾	4	8	11
Shopping	24	27	24	25	24
Personal business	10	13	13	12	8
Escort	6	7	8	7	3
Leisure	22	30	18	17	26
TOTAL	100	100	100	100	100

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 69

TIME OF DAY TRIP STARTING BY ISLAND POPULATION
- TRANSFER -

	SOUTHERN MORETON BAY ISLANDS 2010				
	TOTAL	KARRA- GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>TIME OF DAY</u>					
Before 5 a.m.	2	1	0 ¹⁾	2	2
5 a.m. to 9 a.m.	33	21	34	33	34
9 a.m. to 10 a.m.	15	16	15	15	16
12 a.m. to 3 p.m.	18	17	18	16	19
3 p.m. to 7 p.m.	27	31	29	29	25
7 p.m. to 12 p.m.	5	14	4	5	4
TOTAL	100	100	100	100	100

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TABLE 70

TRAVELLING DAY BY ISLAND
– Transfer –

SOUTHERN MORETON BAY ISLANDS 2010					
	TOTAL	KARRA-GARRA	LAMB	MACLEAY	RUSSELL
	%	%	%	%	%
<u>DAY OF THE WEEK</u>					
Monday	15	6	15	15	15
Tuesday	15	18	18	14	15
Wednesday	17	9	11	17	18
Thursday	15	20	22	17	12
Friday	14	26	11	13	15
Saturday	11	6	14	10	13
Sunday	13	15	9	14	12
TOTAL	100	100	100	100	100
Share of all trips (%)	100	4	9	44	43

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TRAVEL PATTERNS
– TRANSFER –
MODE CHOICE



TABLE 71

MODE CHOICE BY LOCATION
– Transfer –

	SOUTHERN MORETON BAY ISLANDS 2010	
	ISLAND PART %	MAINLAND PART %
Non-motorized modes	17	3
Motorised modes as driver	45	51
Motorised modes as passenger	38	26
Public transport	0 ¹⁾	20
TOTAL	100	100

¹⁾ less than 0.5 %



TABLE 72

MODE CHOICE WATER CROSSING – Transfer –

SOUTHERN MORETON BAY ISLANDS 2010	
	%
Ferry	90
Barge	7
Private boat	3
TOTAL	100

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips, distance of trips up to 100 km



TRAVEL PATTERNS
– TRANSFER –
TRIP LEGS



TABLE 73

MODE CHOICE TRIP LEG - Transfer -

SOUTHERN MORETON BAY ISLANDS 2010	
MODE PER LEG	
<u>MAIN MODE</u>	
Walking	379
Bicycle	0 ¹⁾
Motorcycle	3
Car as driver Island	46
Car as driver Mainland	48
Car as passenger Island	41
Car as passenger Mainland	24
Private boat	3
Ferry	90
Barge	7
Train	1
Bus	21
Other public transport	1
TOTAL	664

¹⁾ less than 0.5 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips , distance of trips up to 100 km



TABLE 74

LEG CHARACTERISTICS
– Transfer –

	SOUTHERN MORETON BAY ISLANDS 2010
Trips per person and day	1.0
Legs per person per day	6.4
Legs per trips	6.7
Distance per leg (km)	5.2
Duration per leg (min)	13

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips , distance of trips up to 100 km



TABLE 75

LEG TYPE DURATION AND
DISTANCE PER TRIP
– Transfer –

	SOUTHERN MORETON BAY ISLANDS 2010	
	TRANSFER TRIPS (KM)	TRANSFER TRIPS (MIN)
Access ferry /public transport / car	0.5	5
Waiting /changing mode	0.0	14
Travelling on ferry	10.2	25
Travelling in vehicle	24.1	37
Egress from ferry /public transport / car	0.2	3
TOTAL	35.0	84

^{?)} less than 0.05 %

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips , distance of trips up to 100 km

TABLE 76

LEG TYPE
– Transfer –

SOUTHERN MORETON BAY ISLANDS 2010	
%	
Access ferry /public transport / car	30
Waiting /changing mode	19
Travelling on ferry	15
Travelling in vehicle	28
Egress from ferry /public transport / car	8
TOTAL	100

Database: 2010; 1,373 persons 0 years of age and older; 3,362 trips , distance of trips up to 100 km



Appendix II:
Main Mode Definition



Table of Contents Appendix II

Table 1	Mode Choice Step 1: Combine ferry / barge modes
Table 2	Mode Choice Step 2: Combine car modes
Table 3	Mode Choice Step 3: Combine passenger modes
Table 4	Mode Choice Step 4: Combine public transport modes
Table 5	Mode Choice Step 5: Combine bicycle and motorcycle modes
Table 6	Mode Choice Step 6: Combine walking modes

Table 1

MODE CHOICE		Modes	Modes
		%	%
Walking		86.3	86.3
Bicycle		2.1	2.1
Motorcycle		1.1	1.1
Privat car as driver			
Island		44.4	44.4
Mainland		25.7	25.7
Company car as driver		0.3	0.3
Car as passenger			
Household car Island		22.6	22.6
Household car Mainland		10.3	10.3
other car Island		3.4	3.4
other car Mainland		2.3	2.3
Private boat		1.4	1.4
Ferry		37.0	
Barge		3.1	
Bus		7.7	
Train		0.4	
Work-, Schoolbus		1.5	
Taxi		0.4	
TOTAL		250	210

STEP 1
Combine ferry/barge modes

Modes	%
Walking	86.3
Bicycle	2.1
Motorcycle	1.1
Privat car as driver	
Island	44.4
Mainland	25.7
Company car as driver	0.3
Car as passenger	
Household car Island	22.6
Household car Mainland	10.3
other car Island	3.4
other car Mainland	2.3
Private boat	1.4
Bus	7.7
Train	0.4
Work-, Schoolbus	1.5
Taxi	0.4
TOTAL	210

Table 2

MODE CHOICE	
STEP 2	
Combine car modes	
Modes	Modes
%	%
Walking	86.3
Bicycle	2.1
Motorcycle	1.1
Private car as driver	44.4
Island	25.7
Mainland	0.3
Company-car-as-driver	22.6
Car as passenger	10.3
Household car Island	3.4
Household car Mainland	2.3
other car Island	4.4
other car Mainland	7.7
Private-boat	0.4
Bus	1.5
Train	0.4
Work-, Schoolbus	1.5
Taxi	0.4
TOTAL	210
Walking	86.3
Bicycle	2.1
Motorcycle	1.1
Car as driver	51.5
Car as passenger	22.6
Household car Island	10.3
Household car Mainland	3.4
other car Island	2.3
other car Mainland	7.7
Bus	0.4
Train	1.5
Work-, Schoolbus	0.4
Taxi	190
TOTAL	190

Table 3

MODE CHOICE	
STEP 3	
Combine passenger modes	
Modes	Modes
%	%
Walking	86.3
Bicycle	2.1
Motorcycle	1.1
Privat car as driver	51.5
Car as passenger	
Household-car-island	22.6
Household-car-mainland	40.3
other-car-island	3.4
other-car-mainland	2.3
Bus	7.7
Train	0.4
Work-, Schoolbus	1.5
Taxi	0.4
TOTAL	190
Walking	86.3
Bicycle	2.1
Motorcycle	1.1
Car as driver	51.5
Car as passenger	28.8
Bus	7.7
Train	0.4
Work-, Schoolbus	1.5
Taxi	0.4
TOTAL	180

Table 4

MODE CHOICE																									
STEP 4																									
Combine public transport modes																									
	<table border="1"> <thead> <tr> <th colspan="2" style="text-align: center;">Modes</th> </tr> <tr> <th></th> <th style="text-align: center;">%</th> </tr> </thead> <tbody> <tr> <td>Walking</td> <td style="text-align: center;">86.3</td> </tr> <tr> <td>Bicycle</td> <td style="text-align: center;">2.1</td> </tr> <tr> <td>Motorcycle</td> <td style="text-align: center;">1.1</td> </tr> <tr> <td>Privat car as driver</td> <td style="text-align: center;">51.5</td> </tr> <tr> <td>Car as passenger</td> <td style="text-align: center;">28.8</td> </tr> <tr> <td>Bus</td> <td style="text-align: center;">7.7</td> </tr> <tr> <td>Train</td> <td style="text-align: center;">0.4</td> </tr> <tr> <td>Work-, Schoolbus</td> <td style="text-align: center;">4.5</td> </tr> <tr> <td>Taxi</td> <td style="text-align: center;">0.4</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: center;">180</td> </tr> </tbody> </table>	Modes			%	Walking	86.3	Bicycle	2.1	Motorcycle	1.1	Privat car as driver	51.5	Car as passenger	28.8	Bus	7.7	Train	0.4	Work-, Schoolbus	4.5	Taxi	0.4	TOTAL	180
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Table 5

MODE CHOICE	
STEP 5	
Combine bicycle and motorcycle modes	
Modes	Modes
%	%
Walking	86.3
Bicycle	2.1
Motorcycle	1.1
Privat car as driver	51.5
Car as passenger	28.8
Public transport	9.6
TOTAL	179
Walking	86.3
Bicycle	1.4
Motorcycle	0.3
Car as driver	51.5
Car as passenger	28.8
Public transport	9.6
TOTAL	178

Table 6

MODE CHOICE

STEP 6

		Combine walking modes		Modes	
				%	
Walking		86.3		8.3	
Bicycle		1.4		1.4	
Motorcycle		0.3		0.3	
Privat car as driver		51.5		51.5	
Car as passenger		28.8		28.8	
Public transport		9.6		9.6	
TOTAL		178		100	



Appendix III:
Background to Travel Survey Methodology

Table of Contents Appendix III

Figure 1	The Kontiv [®] philosophy
Figure 2	Basic Kontiv [®] elements
Figure 3	Correlation
Figure 4	Kontiv [®] validation



Socialdata has extensive experience in undertaking travel behaviour research. The success of its research methodologies in providing scientifically robust data for decision-makers has made *Socialdata* internationally renowned in the field.

Originally developed for the German transport ministry during the 1970s, our methodology has been used widely in national and international mobility research and in evaluating behaviour change programmes. *Socialdata's* survey techniques have been the subject of continuous external expert scrutiny for more than 35 years and have been independently audited and verified on a number of occasions.

This experience has led to the formulation of a set of key principles applicable to behavioural research of this nature.

Philosophy

Respondents are customers

A general principle meaning that the survey design must be as respondent-friendly as possible. The respondents should be treated as if they were customers.

The survey form is designed to collect information on individual activities performed at all out-of-home destinations on the nominated travel day. Rather than relying on over-prescriptive and often confusing categories, the questionnaire design makes it possible for respondents to report their activities in their own words, helping to increase the quality and accuracy of the data.

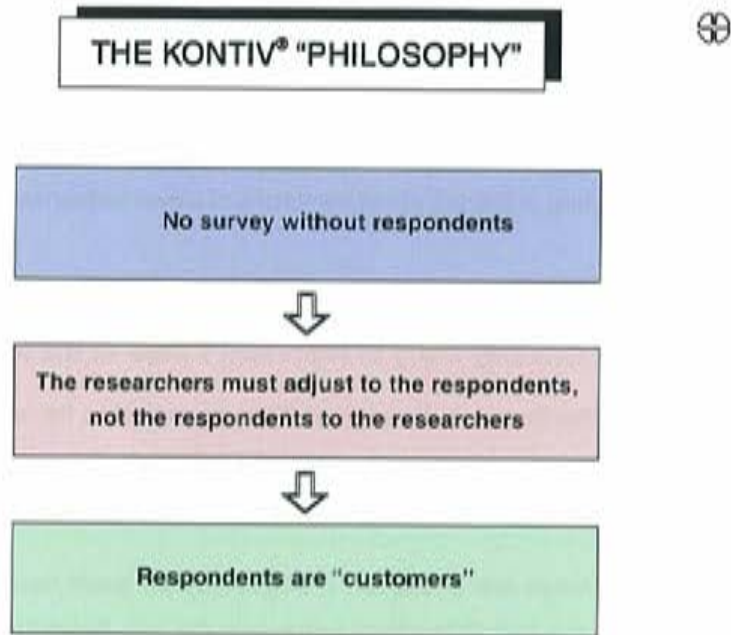


Figure 1

Basic Design Elements in our Survey Methodology

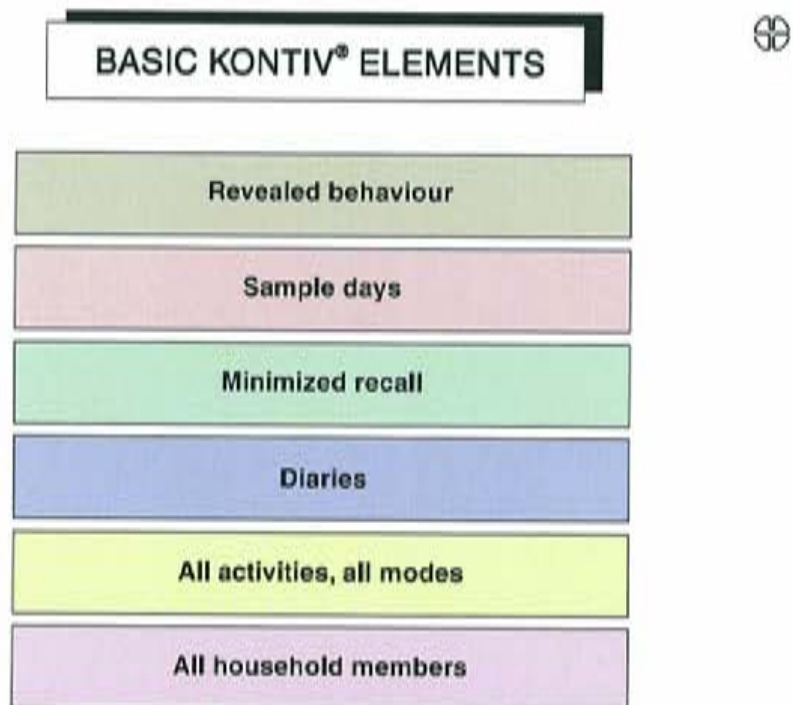


Figure 2



These are the most important design elements in our survey methodology (Figure 2).

Revealed behaviour

All members of the household record all their trips for one day and these can be cross referenced for accuracy. This is how factual behaviour is collected, not 'average behaviour', providing a robust, clear measure of travel behaviour.

Sample days: One Day Diary to represent 7 days of the week

The survey collects actual behaviour from households for all days of the week, with households divided into sub-samples for each day of the week so that each household needs to complete only a single one-day diary for their nominated day.

Most travel surveys are based on a single day for each household, rather than a full week, despite the fact that travel behaviour for any individual will vary by day of the week. This is most notable, on a systematic basis, between weekdays and weekends, with most trip purposes, other than leisure and recreation and some types of shopping trip, being focused on weekdays. The rationale behind a daily diary is precisely that this differentiation is systematic and therefore can be picked up by appropriate sampling on each day of the week. Daily diaries should represent each day of the week equally. Each target household receives one randomly selected sample day. This day of the week is kept over the possible reminder phases; a change is not allowed as this could bias the survey process¹.

¹ Brög, W., Moritz, G., Redesign of the Dutch Travel Survey: Response Improvement', in: Transportation Research Board / National Research Council (Ed.): Personal Travel: The Long and Short of It, Conference Proceedings Transportation Research Circular No.: E-C026, March 2001, p. 82 - 93.

**Minimised recall**

A self-administered, diary-based survey is the most reliable method to collect all the information, rather than for example, telephone surveys, where it is difficult for people to recall all the information for all household members. The forms are sent to the households so that they arrive the day before the sample day; the sample day will therefore be 'tomorrow', not 'yesterday'.

All activities, all modes

Our methodology records all activities and all modes of travel, with the provision to conduct telephone explorations to verify trip-legs.

All household members

All household members are included as there is the need for mobility data relating to children and the elderly. Furthermore if changes in mode choice are of special interest, all changes within a household have to be known, not only a switch from one member ('secondary counter effects').

Correlation between Survey Design and Minimising Errors

Every empirical measurement produces its own errors; 100 % accurate measurement is not possible. This means that in every survey a mechanism has to be established that controls the most common errors produced by the survey design.

In transport research the most common errors are caused by the failure to achieve responses from all households in the survey sample, either to a specific question or to the questionnaire as a whole (item non-response and unit non-response, respectively). This is of high importance as there is a correlation between response rate and quality: a high response rate improves the quality of a survey.

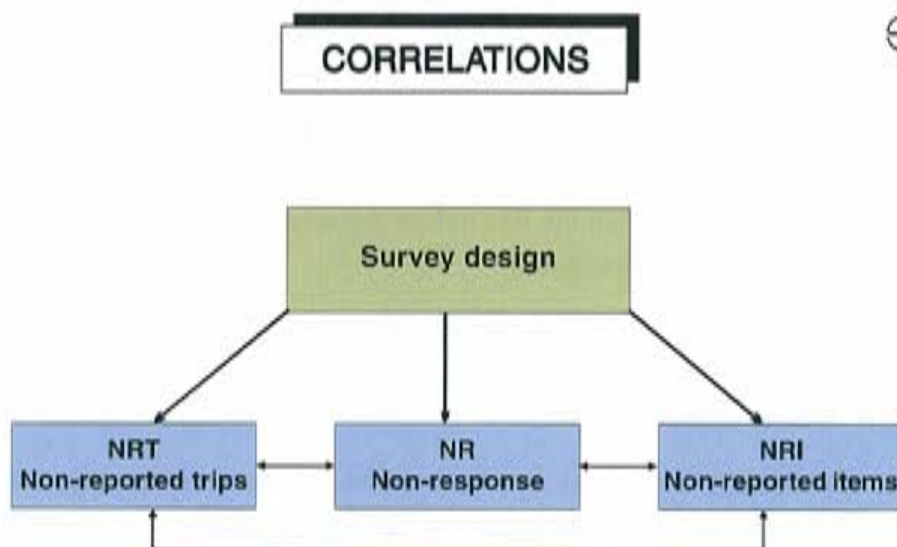


Figure 3

The *Socialdata* survey design uses specific tools (e.g. self-administered diaries and telephone exploration) to ensure that item and unit non-response are not only minimised but also accounted for consistently in the subsequent analysis. Furthermore, in a well-controlled survey of this kind, the speed of response is an invaluable tool to learn more about early and late respondents and how to project this onto non-respondents.

Correction Factors and Weighting

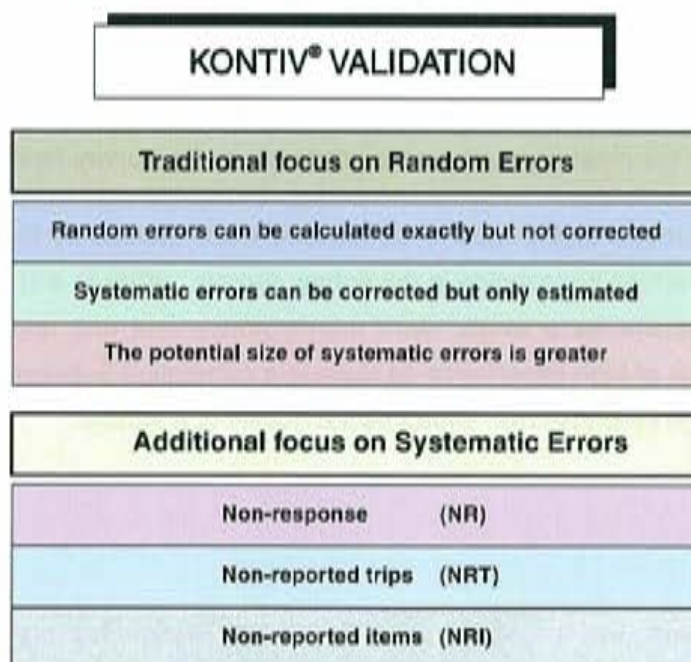


Figure 4



- a) It is standard to the KONTIV®-Design to check errors and to apply corrections for bias, errors or non-reported items; These are corrected by checking with households in follow up phone calls.
- b) Non-reported trips: These are checked with households and, if needed, in separate exploration calls for trip legs. Ten percent of respondents undergo a 'telephone exploration', to detect non-reported trips. From these explorations correction factors are to be derived which correct trips, classified by mode, activity and – if necessary – distance / time of day. These factors are applied to the total sample.
- c) Non-response: Mail-back surveys provide one variable that is extremely powerful for methodological evaluations: the speed of response. We always apply the speed of response technique to check for the size of the non-response bias. This variable can be used to estimate the behaviour of the non-respondents.

Because b) and c) work in opposite directions, and if they are of similar size, no correction factor is needed. If this is not the case, then correction is required.

Another correction factor is necessary when mail-back only and mail-back/telephone techniques are employed in parallel (using information from the latter to be applied to the mail-back only). Because the latter technique allows for intensive checks, the results of these checks can again be classified per type of trip, person or household and then be applied to the mail-back only.

The KONTIV®-Design provides standard procedures for correction and weighting, which result in three different types of factors:

- Household – Person – Trip factors



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