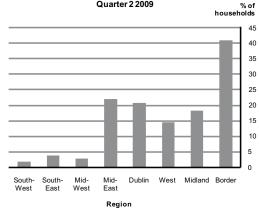


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### Quarterly National Household Survey Cross Border Shopping

Quarter 2 2009

In Quarter 2 2009, the Quarterly National Household Survey included questions on the cross border shopping behaviour of households in the State. This report presents the results of this study.

### Summary of main findings

- ◆ 16% of households made at least one shopping trip to Northern Ireland in the 12 months before the Quarter 2 2009 survey. The highest proportion of households who shopped in Northern Ireland was recorded in the Border region (41%). Among the other regions, the highest proportions were in the Mid-East (22%), Dublin (21%), Midland (18%) and West (14%).
- Households from the Border region who shopped in Northern Ireland made an average of 14 trips in the 12 months before the interview.
- ♦ About a third (34%) of all households who shopped in Northern Ireland were from the Dublin region.
- Total household expenditure on shopping in Northern Ireland between Ouarter 2 2008 and Ouarter 2 2009 was €435 million. Households spent an average of €286 on shopping on their most recent trip to Northern Ireland. Households spent most on Groceries, with an average of €114 spent on the most recent trip.
- Almost one in ten households (9%) said that they shopped in Northern Ireland more frequently in the 12 months before the interview than they had in previous years. One in five households in the Border region shopped more in the 12 months before the interview than they had in previous years.

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### Background to the Cross Border Shopping module

In February 2009 the Office of the Revenue Commissioners and the Central Statistics Office published a report '*The Implications of Cross Border Shopping for the Irish Exchequer*'. The report highlighted the 'significant difficulties associated with quantifying the extent of cross border shopping and estimating the implications for the Irish exchequer' and recommended that the best way to measure the loss in tax revenue to the Irish exchequer would be a survey of cross-border shoppers.

A module on cross-border shopping was included on the Quarterly National Household Survey in the second quarter (April to June) of 2009. One member of each household answered questions on behalf of the household about travel to Northern Ireland in the previous 12 months and specifically about shopping in Northern Ireland. The questions on shopping in Northern Ireland focused on how much households spent, the frequency of shopping trips and whether this had changed in the previous year. The survey also asked about intentions for shopping in Northern Ireland in the following year.

The report is divided into four sections as follows:

Section 1 presents an analysis of the proportion of households who shopped in Northern Ireland in the 12 months before interview and the frequency of shopping trips.

Section 2 looks at household expenditure on shopping in Northern Ireland.

Section 3 focuses on whether households shopped more in Northern Ireland in the 12 months before the interview and intentions to shop there in the 12 months following the interview.

Section 4 presents data on household travel to Northern Ireland more generally aside from shopping trips. Topics include the purpose of the most recent trip, expenditure on the most recent trip, the duration of the trip and mode of travel.

Further details are available in the background notes.

### Section 1 Household shopping trips

Households were asked how many trips were made to Northern Ireland by household members in the 12 months before the interview and the purpose of these trips. This section examines trips to Northern Ireland where shopping was the main purpose.

### Shopping trips by region

As might be expected, the proportion of households who made shopping trips varied by region. Households in regions closest to Northern Ireland were more likely to have made a shopping trip to Northern Ireland than households in regions at further distance.

- ♦ 41% of households in the Border region had shopped in Northern Ireland in the previous 12 months.
- ◆ Between 18% and 22% of households in a further three regions had made at least one shopping trip to Northern Ireland, the Mid-East (22%), Dublin (21%) and the Midland region (18%).
- ◆ The lowest proportions of households making shopping trips to Northern Ireland were in the regions at furthest distance, the South-East (4%), the Mid-West (3%) and the South-West (2%).

In addition to being the most likely to have made any shopping trip to Northern Ireland, households in the Border region also reported the highest frequency of trips in the previous 12 months:

- Households in the Border region reported on average six trips per household.
- ♦ More than one in ten households in the Border region (11%) reported that they made 13 or more trips and a further 14% reported making between six and 12 trips in the period.

♦ In the three regions furthest from Northern Ireland (South East, Mid-West and South-West) only 1% of households made more than one shopping trip to Northern Ireland in the previous 12 months.

### Shopping trips by household composition

The likelihood of having made a shopping trip to Northern Ireland varied by household type. Households with children were the most likely to have made a shopping trip while households where one person aged 65 or over lived alone were least likely to have shopped in Northern Ireland. One in four (25%) households where two adults were living with between one and three children and 23% of other households with children had shopped in Northern Ireland while only 4% of older one person households had made a shopping trip. See Table 1.1.

Proximity to the border is strongly associated with the likelihood of shopping in Northern Ireland. Table 1.2 shows the proportion of each household type making trips to Northern Ireland in each region:

- ◆ For each household type, households in the Border region were most likely to have made shopping trips to Northern Ireland with households with children having the highest levels. Between 54% and 61% of households with children in the Border region had made a shopping trip in the previous 12 months. In the case of households comprising two adults with between one and three children 61% of households in the Border region had made a shopping trip to Northern Ireland, 54% of lone parent households and 57% of other households with children.
- ♦ Within the other regions in mid proximity of the border, Dublin and the Mid-East, between a fifth and a third of households with children had made a shopping trip. In the Midland region there was slightly greater variation in the occurrence of shopping trips within households with children as 28% of households comprising 2 adults and 1-3 children and 32% of other households with children had made a shopping trip as had 14% of lone parent households.
- ♦ Among households with adults of working age and no children similar regional patterns emerge. In the Border region 45% of households comprising 2 adults of working age and 33% of households with 3 or more adults of working age and no children had made a shopping trip. In Dublin and the Mid-East similar proportions of these types of households had made trips (between 19% and 24%). In the Midland region 22% of households comprised of 2 adults with no children had made a trip as had 17% of similar households in the West region. See Table 1.2.
- ◆ In the Border region 11% of households with one adult aged 65 or over and 23% of households with two adults at least one of whom was aged 65 or over had made a shopping trip compared with 6% and 9% respectively of similar households in the Dublin region. See Table 1.2.

### Shopping trips by number of people at work in the household

A difference could be seen in the occurrence and frequency of shopping trips to Northern Ireland according to the number of people at work in the household. Specifically a lower proportion of households with no one at work made a shopping trip to Northern Ireland than households with at least one person at work. See Table 1.1.

- ♦ Over one fifth (22%) of households where two people were at work had shopped in Northern Ireland in the 12 months before interview, this compares with 17% of households with one person at work, 16% where three or more people were at work and 9% of households where no one was working.
- ♦ The difference between working and non-working households was also apparent in the number of shopping trips they made. An estimated 14% of households where two people were at work made more than one shopping trip, compared with 6% of households where no one was working.

### Shopping trips by the age of the household reference person

Comparing households by the age group of the household reference person showed that households where the household reference person was aged 30-44 (23%) or 20-29 (21%) were most likely to have shopped in Northern Ireland in the 12 months before interview. See Table 1.1.

Households where the reference person was aged 65 or over were the least likely to have shopped in Northern Ireland, as only 6% had made a shopping trip in the 12 months prior to interview. These households also made the least number of trips. Only 4% had made more than one shopping trip in the 12 months before interview, compared with 15% of households where the reference person was aged 30-44 or 20-29.

In summary, the households most likely to have shopped in Northern Ireland were those:

- living in the Border region
- where two people in the household were working
- where the household reference person was aged between 30 and 44
- where the composition of the household was one of the following:
  - households with children
  - households where two adults were both aged less than 65
  - households where three adults lived together

### Profile of households who made a shopping trip to Northern Ireland

Table 1.3 shows a profile of the households who made a shopping trip to Northern Ireland in the 12 months before interview. Although four out of ten households (41%) in the Border region had made a shopping trip they represented about one in three (29%) of all households who shopped in Northern Ireland. About a third (34%) of all households who shopped in Northern Ireland were from the Dublin region.

Households from the Border region who shopped in Northern Ireland made more frequent shopping trips with an average of 14 trips in the 12 month period. Households in the Dublin region who had shopped in Northern Ireland made on average three trips in the 12 month period.

Just over a third (35%) who had shopped in Northern Ireland were households comprising two adults and 1-3 children and a fifth (20%) were households with two adults of working age with no children in the household.

Overall, 45% of households who shopped in Northern Ireland had a household reference person aged 30-44 and a further 38% had a household reference person aged 45-64. Just over four in ten households who had shopped in Northern Ireland had two people at work, 37% had one person at work and 17% were households where no one worked.

### Section 2 Household Expenditure on Shopping in Northern Ireland

Households were asked to indicate their total spend on shopping on their most recent trip. The total spend on shopping was broken down into five categories, namely:

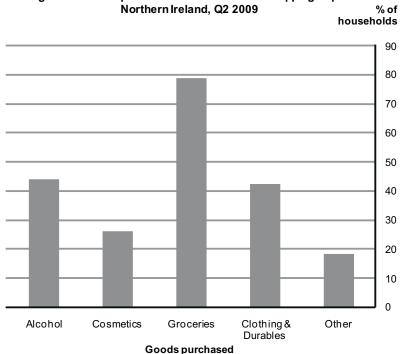
- Alcohol
- Cosmetics
- ♦ Groceries
- Clothing and durables
- ♦ Other

The other category specifically referred to other shopping expenditure. Other types of non-shopping expenditure such as expenditure on vehicles and services were not included in this category.

Almost 80% of households who shopped in Northern Ireland bought Groceries on their most recent trip, making it the most common purchase of the five categories. See Table 2.1.

Of the other four categories:

- ◆ 44% of households bought Alcohol on their most recent trip
- ◆ 42% bought Clothing and Durables
- ♦ 26% bought Cosmetics
- ◆ 19% had expenditure on 'Other' shopping



# Figure 2a Goods purchased on most recent shopping trip to

Groceries was the most common purchase amongst all households regardless of the composition of the household, the number of people working in the household or the age of the household reference person. It was also the most common category across regions.

Overall, the most common amount spent on shopping was between  $\notin 100$  and  $\notin 299$  with just over half (51%) of all households spending this amount in relation to their last trip. See Table 2.2

- ◆ 18% of households spent between €300 and €499
- ◆ 10% of households spent between €500 and €999
- ♦ 4% of households spent €1,000 or more
- ♦ 17% of households spent less than €100

While between  $\notin 100$  and  $\notin 299$  was the most common amount spent by all households irrespective of region or the number of people at work in the household, differences can be seen depending on the composition of the household.

- ◆ 20% or less of households where an adult lived alone or where an adult aged 65 or over lived with one other adult spent more than  $\notin$  299 on shopping on their most recent trip to Northern Ireland.
- ♦ Households where the reference person was aged 65 or over were more likely to have spent lower amounts. On the most recent shopping trip 40% spent less than  $\in$ 100 and a further 41% spent between  $\in$ 100 and  $\in$ 299. For households with the household reference person aged less than 65 fewer than one in five (20%) spent less than  $\notin$ 100, while more than half spent between  $\notin$ 100 and  $\notin$ 299 on their most recent shopping trip.

### Average household shopping expenditure on most recent trip

Households spent an average of €286 on shopping on their most recent trip to Northern Ireland. See Table 2.3.

As already noted in Section 1 of this report, households furthest from Northern Ireland reported lower frequency of shopping trips to Northern Ireland. However, these households reported a higher average spend on their most recent trip.

- ♦ Households in the Mid-West, South-East and South-West regions combined spent an average of €492 on shopping on their most recent trip, this compared with households in the Border region who spent an average of €150.
- ◆ The other four regions reported average household spend on their most recent trip of between €277 and €374.

Among household types, unlike the situation regionally, households with higher frequency of shopping trips to Northern Ireland also had higher average expenditure, reflecting the association with household composition.

- ♦ Households where two adults lived with between one and three children had the highest average spend on shopping (€319) and also had one of the highest proportions of households (16%) who reported making more than one shopping trip in the 12 months prior to interview.
- ♦ Households with one adult aged 65 or more who lived alone had the lowest average spend (€136) and also had one of the lowest proportions of households (2%) who reported making more than one shopping trip.

Average household expenditure increased depending on the number of people at work in the household. Average expenditure on shopping was  $\notin$  219 in households where no one was working, increasing to  $\notin$  282 in households where one person in the household was at work and  $\notin$  324 in households where three or more people were working.

Average expenditure on shopping on the most recent trip was highest in households where the reference person was aged between 15 and 29 and lowest in households where the reference person was aged 65 or over:

- ♦ households where the reference person was aged 15-29 spent an average of €308
- ♦ households where the reference person was aged 30-44 spent an average of €297
- ♦ households where the reference person was aged 45-64 spent an average of €277
- ♦ households where the reference person was aged 65 or over spent an average of €236.

### Spend by category

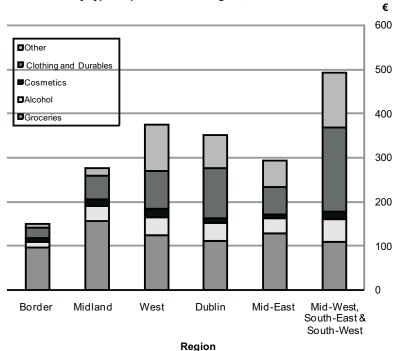
On average, households spent the highest amount on 'Groceries' on their most recent trip ( $\in$ 114 of the total average spend of  $\in$ 286). See Table 2.3. In other categories the average household shopping spend was:

- ◆ €77 on Clothing and durables
- ♦ €53 on Other
- ♦ €32 on Alcohol
- ♦ €11 on Cosmetics

In the Border, Midland, Mid-East and West regions the highest average household spend was on Groceries but this was not the case in regions further from Northern Ireland.

♦ In the Border region spending on Groceries was an estimated 64% of total average household expenditure on shopping on the most recent shopping trip.

♦ In regions further from Northern Ireland (Mid-West, South-East and South-West) average expenditure on the two categories of Clothing and durables and Other combined accounted for 64% of average household spend on shopping on the last trip to Northern Ireland in these three regions.



### Figure 2b Average spend on last shopping trip to Northern Ireland by type of purchase and region, Quarter 2 2009

### Total Household Expenditure on Shopping in Northern Ireland

By combining information on frequency of trips to Northern Ireland and average expenditure on the most recent trip an estimate of total household expenditure on shopping in Northern Ireland has been calculated for the period Quarter 2 2008 to Quarter 2 2009. It is estimated that households spent a total of  $\notin$ 435 million on shopping in Northern Ireland in this period. No adjustment has been made for seasonality. It should be noted, therefore, that this figure may underestimate total expenditure as the quarter leading up to Christmas would typically have increased activity. See Table 2.4.

Estimated expenditure on shopping was based on all trips to Northern Ireland, including  $\in$  331 million on trips specifically for shopping and  $\in$  104 million on trips where shopping was not the main purpose but shopping expenditure was incurred. The highest total expenditure on shopping was recorded in the Border region ( $\in$ 181m) and in the Dublin region ( $\in$ 119m). The lowest total expenditure on shopping was in the Mid-West ( $\in$ 8m), South-West ( $\in$ 13m) and South-East ( $\in$ 11m) regions.

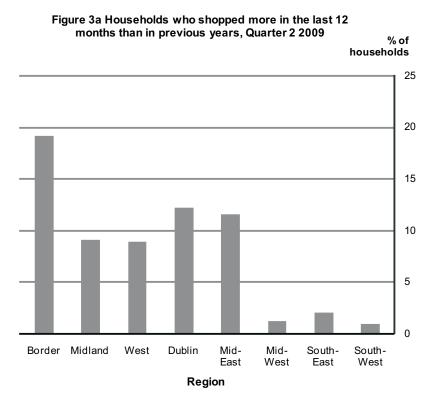
## Section 3 Household Shopping in Northern Ireland – changes in the last 12 months and intentions for the coming year

Almost one in ten households (9%) shopped in Northern Ireland more frequently in the 12 months before the interview than they had in previous years. See Table 3.1.

The change in shopping habits was particularly evident in the Border region, where one in five households (19%) reported shopping more in Northern Ireland in the previous 12 months than they had in the past.

- ♦ At least 10% of households in the Dublin (12%), the Mid-East (12%), the West (9%) and the Midland (9%) regions reported shopping more often than in previous years.
- Households occupied by two adults and between one and three children (15%) and other households with children (14%) were the most likely types of household to have increased the number of shopping trips to Northern Ireland.

- ♦ Only 1% of households where only one adult aged over 65 was living reported shopping more often than in previous years.
- ♦ At least 8% of households where one or more people in the household were working reported that they shopped more, compared with 4% of households where no one was working.



Households were also asked to indicate their intentions for shopping in Northern Ireland in the 12 months following the interview. One in ten households who did not shop in Northern in Ireland in the year before interview were planning to shop there in the following year, 1% intended to shop regularly and 9% intended going to Northern Ireland for one-off purchases. See Table 3.3.

Of households who had shopped in Northern Ireland most intended to continue to shop there in the next 12 months, 38% intended travelling to Northern Ireland for shopping regularly while a further 40% intended travelling for one-off purchases. Over one in five (21%) who had made a shopping trip reported that they did not intend to make further shopping trips in the 12 months following interview. See Table 3.3.

In the 12 months following the interview (see Table 3.2):

- ◆ 14% intended travelling to Northern Ireland for shopping for one-off purchases.
- ◆ 78% did not intend shopping in Northern Ireland.
- Almost one quarter (23%) of households in the Border region intended shopping in Northern Ireland regularly, while 20% intended to make shopping trips for one-off purchases.
- ◆ In other regions, a greater proportion of households stated that they intended travelling to Northern Ireland for one-off purchases rather than for shopping on a regular basis. For example 21% of households in the Mid-East region stated they would go to Northern Ireland for one-off purchases while 9% stated they would go for shopping regularly.
- ♦ Among household types, the highest proportion who intended to shop in Northern Ireland regularly were households with children (9%-12%) and households with two adults both of working age (8%).
- ♦ 10% of households where two people were working intended to shop in Northern Ireland regularly, compared with 4% of households where no one was working.

Figure 3b Households who plan to travel to Northern Ireland for shopping regularly in the next 12 months, Quarter 2 2009 % of households 25 20 15 10 5 0 Border Midland West Dublin Mid-Mid-South-South-West West East East Region

### Section 4 Household Travel to Northern Ireland

While the main focus of the survey was cross-border shopping, households were also asked about all travel to Northern Ireland for any purpose asking the following information about their trip:

- purpose of trip
- ♦ length of trip
- ♦ mode of travel
- expenditure on Accommodation and meals, Petrol and diesel and Entertainment.

Almost one quarter (24%) of households travelled to Northern Ireland at least once in the 12 months before interview for any purpose (including shopping):

- ◆ for 13% of households shopping was the main purpose of all their trips to Northern Ireland
- for 3% of households some of their trips had been primarily for shopping, however they had also made trips for non-shopping purposes in the 12 months before interview
- for 8% of households all trips were for purposes other than shopping. (See Table 4.1)

The highest proportions of households who visited Northern Ireland were in the Border (55%), Dublin (31%) and Mid-East (30%) regions.

- Households in the Border region visited Northern Ireland most frequently, as 14% of households had visited on 13 or more occasions in the 12 months before the interview.
- ♦ Among other regions, 21% of households in the Mid-East had been to Northern Ireland more than once in the previous 12 months, 18% in Dublin, 14% in the Midland region and 11% in the West.
- ◆ The lowest proportions were in the South-East (3%), the Mid-West (2%) and the South-West (2%).

The main purpose of the most recent household trip to Northern Ireland was reported as follows:

- ♦ 62% of households travelled to go shopping
- ◆ 23% of households went on holidays or to visit friends or relatives
- ◆ 5% of households were travelling for business purposes
- ◆ 1% of households travelled to buy a vehicle
- ◆ 9% of households stated that they had travelled for another unspecified reason

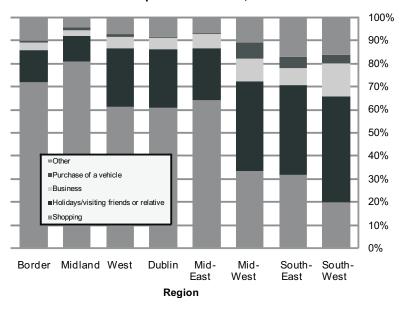


Figure 4a Reason for most recent trip to Northern Ireland in the 12 months prior to interview, Quarter 2 2009

Shopping was the most commonly cited reason for travelling to Northern Ireland by households in the Border (72%), Midland (81%), Mid-East (64%), West (61%), and Dublin (61%) regions. Holidays and visiting friends or relatives was the most common reason for travelling to Northern Ireland in households in the South-West (46%). Between 4% and 7% of households in the three regions furthest from the border reported that the main purpose of their most recent trip was for the purchase of a vehicle. See Table 4.2.

Of those households who travelled to Northern Ireland:

- ♦ 80% of households reported that the most recent trip was a day trip.
- ◆ Just over 90% of households travelled by car on the most recent trip.
- In 41% of households only one household member went on the most recent trip and in 38% two members went.
- Households in regions furthest from the border were most likely to have extended stays with between 52% and 61% staying at least one night. (See Table 4.4)

In addition to shopping expenditure, households were asked how much they spent on Accommodation and meals, Petrol and diesel and Entertainment. (See Table 4.3). Averages in this case were calculated based on all trips to Northern Ireland, not just shopping trips. Information on all other expenditure (such as services other than those listed, vehicles etc) was not collected in the survey. Average household expenditure on the three categories on the most recent trip to Northern Ireland was as follows:

◆ €26 on Accommodation and meals

- ♦ €8 on Petrol and diesel
- ♦ €4 on Entertainment.

Expenditure on all three categories on the most recent trip was highest in the regions furthest from Northern Ireland, i.e. South-East, the Mid-West and the South-West and for those who stayed at least one night. For those regions furthest from the border who stayed at least one night:

- ♦ average expenditure on Accommodation and meals was between €104 and €140
- ◆ average expenditure on Petrol and diesel was between €24 and €29
- ♦ average expenditure on Entertainment was between €19 and €34.

# Table 1.1 Number of household shopping trips to Northern Ireland in the last 12 months by region,<br/>household composition, number of people at work in the household and age of<br/>reference person, Quarter 2 2009

	Total								
	households						Average	Unweighted	
	who made	Num	ber of	shoppi	ng trip	s	number of	sample	
	hopping trips				shopping	(number of			
to Nor	thern Ireland	0	1	2-5	6-12	13+	trips	households)	
	%	%	%	%	%	%			
All households	16	84	6	6	3	2	1.1	15,529	
Region									
Border	41	59	5	12	14	11	5.9	1,729	
Midland	18	82	8	6	3	1	0.8	883	
West	14	86	8	5	1	0	0.4	1,348	
Dublin	21	79	9	9	2	0	0.7	3,874	
Mid-East	22	78	9	9	3	1	1.0	1,512	
Mid-West	3	97	2	1	0	0	0.1	1,634	
South-East	4	96	3	1	0	0	0.1	1,880	
South-West	2	98	1	1	0	0	0.0	2,669	
Household composition									
1 adult aged 65+, no children under 18	4	96	2	1	1	0	0.2	1,781	
1 adult aged <65, no children under 18	10	91	4	3	2	1	0.6	2,260	
2 adults, at least 1 aged 65+, no children under 18	8	92	3	3	1	1	0.5	1,719	
2 adults, both aged <65, no children under 18	18	82	7	6	3	1	1.0	2,493	
3+ adults, no children under 18	14	86	6	5	2	1	0.9	1,652	
1 adult, 1+ children under 18	19	81	7	7	3	2	1.3	921	
2 adults, 1-3 children under 18	25	75	8	8	5	3	1.9	3,369	
Other households with children under 18	23	77	8	8	5	2	1.4	1,334	
Number of people at work in the household									
No one at work	9	91	3	3	2	1	0.7	5,316	
One person at work	17	83	6	6	3	2	1.1	5,382	
Two people at work	22	78	8	8	4	2	1.5	4,186	
Three or more people at work	16	84	6	8	2	1	0.9	645	
Age of household reference person									
15-19	[12]	[88]	[0]	[6]	[3]	[3]	[1.2]	35	
20-29	21	79	6	8	5	2	1.4	1,118	
30-44	23	77	8	8	4	3	1.6	4,754	
45-64	15	85	6	5	3	1	1.0	6,001	
65+	6	94	3	2	1	1	0.4	3,621	

### Table 1.2 Household shopping trips to Northern Ireland in the last 12 months by region and household composition, Quarter 2 2009

-	Region									
	Border	Midland	West	Dublin	Mid-East	Mid-West	South-East	South-West	State	
All households	41	18	14	21	22	3	4	2	16	
Household composition										
1 adult aged 65+, no children under 18	11	5	2	6	3	1	0	0	4	
1 adult aged <65, no children under 18	29	10	10	12	8	2	3	1	10	
2 adults, at least 1 aged 65+, no children under 18	23	7	6	9	7	2	3	1	8	
2 adults, both aged <65, no children under 18	45	22	17	24	22	4	3	2	18	
3+ adults, no children under 18	33	12	10	19	23	1	4	2	14	
1 adult, 1+ children under 18	54	14	25	22	33	2	3	1	19	
2 adults, 1-3 children under 18	61	28	24	31	32	4	7	3	25	
Other households with children under 18	57	32	18	31	23	3	5	3	23	
Unweighted sample (number of households)	1,729	883	1,348	3,874	1,512	1,634	1,880	2,669	15,529	

# Table 1.3 Households who made shopping trips to Northern Ireland in the last 12 months by region,<br/>household composition, number of people at work in the household and age of<br/>reference person, Quarter 2 2009

	Total households		Unweighted sample
	who made		(number of
	shopping trips	Average number	households
	to Northern Ireland	of trips	who shopped in NI,
	%		
All households who shopped in NI	100	6.7	2,283
Region			
Border	29	14.4	696
Midland	7	4.7	154
West	9	2.9	191
Dublin	34	3.2	769
Mid-East	15	4.5	315
Mid-West, South-East & South-West <sup>1</sup>	6	2.2	158
Household composition			
1 adult aged 65+, no children under 18	2	4.3	66
1 adult aged <65, no children under 18	7	6.6	201
2 adults, at least 1 aged 65+, no children under 18	5	7.0	124
2 adults, both aged <65, no children under 18	20	5.7	415
3+ adults, no children under 18	12	6.4	224
1 adult, 1+ children under 18	6	6.7	161
2 adults, 1-3 children under 18	35	7.6	798
Other households with children under 18	13	6.2	294
Number of people at work in the household			
No one at work	17	7.9	425
One person at work	37	6.3	864
Two people at work	41	6.6	891
Three or more people at work	5	5.7	103
Age of household reference person			
15-29	10	6.9	219
30-44	45	6.8	1,027
45-64	38	6.4	838
65+	8	6.3	199

<sup>1</sup>These regions have been grouped together because the sample size in each region was too small to produce individual estimates.

# Table 2.1 Goods purchased on most recent trip to Northern Ireland by region,household composition, number of people at work in the household and age ofreference person, Quarter 2 2009

% of households who shopped in  $NI^1$ 

						Unweighted sample	
		Good	Is Purchased			(number of	
		Clothing &				households who shopped	
	Alcohol	Cosmetics	Groceries	Durables	Other	in NI) <sup>1</sup>	
All households who shopped in NI <sup>1</sup>	44	26	79	42	19	1,834	
Region							
Border	37	30	88	36	14	565	
Midland	45	23	89	33	17	141	
West	55	37	81	55	23	156	
Dublin	47	23	71	49	20	630	
Mid-East	47	21	78	32	16	248	
Mid-West, South-East & South-West <sup>2</sup>	40	30	59	62	40	94	
Household composition							
1 adult aged 65+, no children under 18	[18]	[12]	[71]	[29]	[22]	49	
1 adult aged <65, no children under 18	38	33	71	49	21	160	
2 adults, at least 1 aged 65+, no children	37	22	77	36	28	95	
2 adults, both aged <65, no children under 18	48	27	74	41	21	327	
3+ adults, no children under 18	48	21	74	39	8	164	
1 adult, 1+ children under 18	39	29	77	43	20	147	
2 adults, 1-3 children under 18	46	26	84	44	19	661	
Other households with children under 18	45	30	85	44	15	231	
Number of people at work in the household							
No one at work	37	23	80	35	22	341	
One person at work	42	29	80	46	18	723	
Two people at work	48	25	78	42	18	691	
Three or more people at work	58	30	77	46	12	79	
Age of household reference person							
15-29	45	32	75	47	17	191	
30-44	44	27	80	44	19	838	
45-64	47	25	80	41	17	654	
65+	31	18	75	34	23	151	

<sup>1</sup>Sample differs from Table 1.3 as details of most recent trip were only collected when respondent had been on that trip.

<sup>2</sup>These regions have been grouped together because the sample size in each region was too small to produce individual estimates.

# Table 2.2 Total household expenditure on shopping on most recent shopping trip to NorthernIreland by region, household composition, number of people at work in the householdand age of reference person, Quarter 2 2009

			%	of househo	olds who s	hopped in NI <sup>1</sup>
		Household	d Expenditur	e		Unweighted
	less	€100	€300	€500	€1,000	sample (number of
	than €100	€299	€499	€999	or more	households who shopped in NI <sup>1</sup> )
All households who shopped in NI	17	51	18	10	4	1,834
Region						
Border	33	55	10	2	0	565
Midland	8	54	25	11	2	141
West	13	48	18	14	7	156
Dublin	11	47	21	17	5	630
Mid-East	8	58	22	8	4	248
Mid-West, South-East & South-West <sup>2</sup>	7	43	22	16	12	94
Household composition						
1 adult aged 65+, no children under 18	[66]	[28]	[4]	[0]	[2]	49
1 adult aged <65, no children under 18	38	42	11	6	2	160
2 adults, at least 1 aged 65+, no children	33	49	11	3	4	95
2 adults, both aged <65, no children under 18	18	50	18	10	4	327
3+ adults, no children under 18	16	53	19	10	3	164
1 adult, 1+ children under 18	16	57	16	8	2	147
2 adults, 1-3 children under 18	11	53	20	11	4	661
Other households with children under 18	7	55	20	15	3	231
Number of people at work in the household						
No one at work	29	49	13	6	3	341
One person at work	17	52	17	11	3	723
Two people at work	12	52	21	11	4	691
Three or more people at work	9	52	19	16	4	79
Age of household reference person						
15-29	16	53	16	8	7	191
30-44	12	53	21	12	3	838
45-64	18	51	17	10	3	654
65+	40	41	11	2	6	151

<sup>1</sup>Sample differs from Table 1.3 as details of most recent trip were only collected when respondent had been on that trip.

<sup>2</sup>These regions have been grouped together because the sample size in each region was too small to produce individual estimates.

### Table 2.3 Average household expenditure on shopping on most recent shopping trip to Northern Ireland by region, household composition, number of people at work in the household and age of reference person, Quarter 2 2009 Average € per household who shopped in NI

	Average						Unweighted sample
e	xpenditure		Shopp	ing Categori	es		(number of
01	n shopping						households
on most	recent trip				Clothing &		who shopped
	euro (€)	Alcohol	Cosmetics	Groceries	Durables	Other	in $NI^1$ )
All households who shopped in NI	286	32	11	114	77	53	1,834
Region							
Border	150	14	8	96	25	8	565
Midland	277	35	15	156	53	17	141
West	374	42	18	124	87	104	156
Dublin	351	41	10	111	114	74	630
Mid-East	295	34	8	129	64	60	248
Mid-West, South-East & South-West <sup>2</sup>	492	51	16	110	192	124	94
Household composition							
1 adult aged 65+, no children under 18	[136]	[9]	[3]	[36]	[79]	[8]	49
1 adult aged <65, no children under 18	194	24	9	68	74	20	160
2 adults, at least 1 aged 65+, no children	232	18	6	75	55	78	95
2 adults, both aged <65, no children under 18	300	38	12	97	70	83	327
3+ adults, no children under 18	259	38	9	97	79	35	164
1 adult, 1+ children under 18	251	23	12	106	65	44	147
2 adults, 1-3 children under 18	319	33	11	136	82	57	661
Other households with children under 18	311	32	12	148	85	34	231
Number of people at work in the household							
No one at work	219	25	8	104	47	35	341
One person at work	282	31	11	118	77	45	723
Two people at work	314	35	11	113	84	71	691
Three or more people at work	324	44	11	118	117	33	79
Age of household reference person							
15-29	308	35	11	104	85	72	191
30-44	297	32	11	128	77	49	838
45-64	277	34	10	109	75	49	654
65+	236	21	5	65	71	74	151

<sup>1</sup>Sample differs from Table 1.3 as details of most recent trip were only collected when respondent had been on that trip.

<sup>2</sup>These regions have been grouped together because the sample size in each region was too small to produce individual estimates.

Total expenditure (€'000s) on								opping in NI
				Mid-	Mid-	South-	South-	
Border	Midland	West	Dublin	n East West East West	State			
140,000	21,000	23,000	92,000	40,000	6,000	6,000	4,000	331,000
41,000	4,000	7,000	27,000	8,000	2,000	6,000	9,000	104,000
181,000	25,000	29,000	119,000	48,000	8,000	11,000	13,000	435,000
946	183	288	1,156	432	104	148	146	3,403
	140,000 41,000 <b>181,000</b>	140,00021,00041,0004,000181,00025,000	140,00021,00023,00041,0004,0007,000181,00025,00029,000	140,00021,00023,00092,00041,0004,0007,00027,000181,00025,00029,000119,000	BorderMidlandWestDublinEast140,00021,00023,00092,00040,00041,0004,0007,00027,0008,000181,00025,00029,000119,00048,000	Border         Midland         West         Dublin         Mid- East         Mid- West           140,000         21,000         23,000         92,000         40,000         6,000           41,000         4,000         7,000         27,000         8,000         2,000           181,000         25,000         29,000         119,000         48,000         8,000	Border         Midland         West         Dublin         Mid- East         Mid- West         South- East           140,000         21,000         23,000         92,000         40,000         6,000         6,000           41,000         4,000         7,000         27,000         8,000         2,000         6,000           181,000         25,000         29,000         119,000         48,000         8,000         11,000	BorderMidlandWestDublinEastWestEastWest140,00021,00023,00092,00040,0006,0006,0004,00041,0004,0007,00027,0008,0002,0006,0009,000181,00025,00029,000119,00048,0008,00011,00013,000

Table 2.4 Total household expenditure on shopping in Northern Ireland in the 12 months prior to interview by region, Quarter 2 2009

<sup>1</sup>Estimates are rounded to the nearest million so do not sum in all cases.

# Table 3.1 Changes in household shopping in Northern Ireland in the 12 months before the interview<br/>by region, household composition, number of people at work in the household and age of<br/>reference person, Quarter 2 2009% of all by

	C	over the last 1	2 months		76 UI AI	ll households
	Shopped more than previous years	Shopped less than previous years	Did the same amount of shopping as previous years	Did not shop in Northern Ireland	Not Stated	Unweighted sample (number of households,
All households	9	1	4	84	3	15,529
Region						
Border	19	3	15	59	4	1,729
Midland	9	0	4	82	5	883
West	9	1	2	86	3	1,348
Dublin	12	1	3	79	4	3,874
Mid-East	12	1	5	78	4	1,512
Mid-West	1	0	0	97	1	1,634
South-East	2	0	0	96	1	1,880
South-West	1	0	0	98	0	2,669
lousehold composition						
1 adult aged 65+, no children under 18	1	0	2	96	1	1,781
1 adult aged <65, no children under 18	5	1	3	91	2	2,260
2 adults, at least 1 aged 65+, no children under 18	3	1	2	92	2	1,719
2 adults, both aged <65, no children under 18	9	1	5	82	3	2,493
3+ adults, no children under 18	6	1	3	86	3	1,652
1 adult, 1+ children under 18	11	1	4	81	3	921
2 adults, 1-3 children under 18	15	1	5	75	4	3,369
Other households with children under 18	14	1	5	77	3	1,334
Number of people at work in the household						
No one at work	4	1	3	91	2	5,316
One person at work	9	1	4	83	3	5,382
Two people at work	12	1	5	78	4	4,186
Three or more people at work	8	1	4	84	4	645
Age of household reference person						
15-19	[6]	[0]	[6]	[88]	[0]	35
20-29	13	1	4	79	3	1,118
30-44	13	1	5	77	3	4,754
45-64	7	1	4	85	3	6,001
65+	2	1	2	94	2	3,621

# Table 3.2 Household intentions to shop in Northern Ireland in the 12 months following interviewby region, household composition, number of people at work in the householdand age of reference person, Quarter 2 2009

		Over the next 12	months	70 01 0	all households
	Intend travelling to NI for shopping	Intend travelling to NI for shopping for one-off	Don't intend travelling to NI for	Not	Unweightec sample (number of
	regularly	purchases	shopping	stated	households)
All households	7	14	78	1	15,529
Region					
Border	23	20	54	3	1,729
Midland	9	14	76	1	883
West	5	15	79	2	1,348
Dublin	8	18	74	1	3,874
Mid-East	9	21	70	1	1,512
Mid-West	1	8	90	1	1,634
South-East	2	6	91	1	1,880
South-West	1	4	95	0	2,669
Household composition					
1 adult aged 65+, no children under 18	2	4	94	0	1,781
1 adult aged <65, no children under 18	4	11	84	1	2,260
2 adults, at least 1 aged 65+, no children under 18	3	8	89	1	1,719
2 adults, both aged <65, no children under 18	8	16	75	1	2,493
3+ adults, no children under 18	4	12	82	1	1,652
1 adult, 1+ children under 18	9	17	72	2	921
2 adults, 1-3 children under 18	12	19	68	1	3,369
Other households with children under 18	11	15	72	1	1,334
Number of people at work in the household					
No one at work	4	8	87	1	5,316
One person at work	7	15	77	1	5,382
Two people at work	10	18	71	1	4,186
Three or more people at work	6	14	79	1	645
Age of household reference person					
15-19	[6]	[16]	[78]	[0]	35
20-29	10	18	71	1	1,118
30-44	11	19	69	1	4,754
45-64	6	13	80	1	6,001
65+	2	6	91	1	3,621

### Table 3.3 Household intentions for shopping in Northern Ireland in the 12 months following interview,Quarter 2 2009

		Over the next 12	months	% of a	ll households
	Intend travelling to NI for shopping regularly	Intend travelling to NI for shopping for one-off purchases	Don't intend travelling to NI for shopping	Not stated	Unweighted sample (number of households)
All households	7	14	78	1	15,529
In the 12 months before interview: Made shopping trips to Northern Ireland Did not make shopping trips to Northern Ireland	38	40 9	21 89	1	2,283 13,246

### Table 4.1 Household travel to Northern Ireland in the last 12 months by region, Quarter 2 2009

								% of all house	
All households	Border	Midland	West	Dublin	Mid- East	Mid- West	South- East	South- West	State
Total households who travelled to NI	55	21	22	31	30	7	8	6	2
Travelled on shopping trips only	33	16	11	17	16	2	2	1	1
Travelled for both shopping & non-shopping trips	8	2	3	4	6	1	1	1	
Travelled on non-shopping trips only	14	3	7	10	8	4	4	4	
Number of trips to NI									
None	45	79	78	69	70	93	92	94	7
One <sup>1</sup>	10	8	11	13	9	4	5	3	
Two-Five	15	8	8	13	14	1	3	2	
Six-Twelve	17	4	2	4	5	1	0	0	
Thirteen or more	14	2	1	1	2	0	0	0	
Unweighted sample									
(number of households)	1,729	883	1,348	3,874	1,512	1,634	1,880	2,669	15,52

<sup>1</sup>Includes a small number of 'not stated'

				% of housel	olds who	o travelled to NI
		Unweighted				
						sample
		Holidays/				(number of
		Visiting		Purchase		households
		friends or		of a		who travelled
	Shopping	relatives	Business	vehicle	Other	to NI
All households who travelled to NI	62	23	5	1	9	3,111
Region						
Border	72	14	3	1	10	825
Midland	81	11	2	1	5	178
West	61	25	5	1	8	265
Dublin	61	26	5	0	8	1,071
Mid-East	64	22	6	1	7	414
Mid-West	33	39	10	7	11	91
South-East	32	39	7	5	17	132
South-West	20	46	14	4	16	135

### Table 4.2 Main purpose of the most recent trip to Northern Ireland by region, Quarter 2 2009

					Avera	age € per l	household	l who trave	lled to NI
					Mid-	Mid-	South-	South-	
All households who travelled to NI	Border	Midland	West	Dublin	East	West	East	West	State
Day trip									
Accommodation and Meals	4	9	10	12	7	[15]	12	12	8
Petrol and Diesel	0	3	6	9	7	[11]	23	13	6
Entertainment	0	0	1	1	1	[1]	2	4	1
Unweighted sample									
(number of households who travelled to NI on day trip)	783	157	196	852	332	36	64	53	2,473
Stayed one night or more									
Accommodation and Meals	[48]	[63]	116	79	107	104	140	123	98
Petrol and Diesel	[3]	[9]	15	12	18	24	25	29	16
Entertainment	[11]	[2]	21	15	13	34	29	19	18
Unweighted sample									
(number of households who travelled to NI for one night or more)	42	21	69	219	82	55	68	82	638
All trips									
Accommodation and Meals	6	15	38	25	27	69	79	80	26
Petrol and Diesel	0	4	9	9	9	19	24	23	8
Entertainment	1	1	6	4	3	21	16	13	4
Unweighted sample									
(number of households who travelled to NI)	825	178	265	1,071	414	91	132	135	3,111

## Table 4.3 Household expenditure on accommodation, meals, entertainment, petrol and diesel on most recent trip to Northern Ireland by region, Quarter 2 2009

						% of h	% of households who travelled to NI			
All households who travelled to NI	Border	Midland	West	Dublin	Mid- East	Mid- West	South- East	South- West	State	
Duration										
Day trip only	95	88	74	80	80	40	48	38	80	
1 night	2	5	10	10	8	19	14	15	8	
2 nights	2	4	9	7	8	16	20	20	7	
3 or more nights	1	4	7	4	4	25	18	26	5	
Mode of transport										
Car	95	96	93	88	95	80	86	73	91	
Bus	3	2	5	3	1	8	9	3	3	
Train	1	1	1	8	1	11	5	7	4	
Plane	0	0	0	0	0	0	0	15	1	
Other	2	1	1	0	2	2	0	3	1	
Number of household members on trip										
One	44	32	38	45	31	46	49	49	41	
Тwo	34	48	42	38	43	42	32	33	38	
Three or more	22	21	20	17	26	13	19	18	20	
Unweighted sample										
(number of households who travelled to NI)	825	178	265	1071	414	91	132	135	3,111	

# Table 4.4 Most recent trip to Northern Ireland by duration, mode of transport and number of household<br/>members on the trip, Quarter 2 2009

### **Background Notes**

- **Reference period** The questions on cross border shopping were included in the Quarterly National Household Survey (QNHS) in the three months from April to June 2009.
- **Purpose of survey** While the primary purpose of the QNHS is to collect information on employment and unemployment, it also includes modules on social topics of interest.
  - **Questionnaire** The Cross Border Shopping questionnaire was answered by one person from each household. The module was included on four waves of the QNHS sample. A copy of the questionnaire used in this module is available on the CSO website <u>www.cso.ie</u>.
- Household Reference Person Household Reference Person refers to the eldest adult in the household with a Principal Economic Status of 'at work'. In a household where there were no adults who were 'at work', the eldest adult was selected.
  - **Note on tables** The row or column percentages in the tables in this report may add to 99% or 101% because of rounding.
  - **Grossing effect** The QNHS grossing procedure aligns the distribution of persons covered in the survey with independently determined population estimates at the level of sex, five-year age group and region.

**Statistical** All estimates based on sample surveys are subject to error, some of which is measurable. Where an estimate is statistically significantly different from another estimate it means that we can be 95% confident that differences between those two estimates are not due to sampling error.

**Logistic Regression** The characteristics of a household that are associated with the likelihood of shopping in Northern Ireland were explored by constructing a logistic regression model.

The model produced odds ratios indicating the relative likelihood of households with different characteristics shopping in Northern Ireland. Odds are expressed relative to a reference category which has a given value of 1. Odds ratios greater than 1 indicate higher odds (increased likelihood), and odds ratios less than 1 indicate lower odds (reduced likelihood) of the household shopping in Northern Ireland based on the characteristic in question.

### The variables included in the model:

The model included a range of variables, all of which were categorical variables. The variables included are listed below:

- Region
- Household composition
- Age of the Reference Person
- Number of people at work in the household
- Education level of the household reference person

The table below shows the odds ratios output by the model for those variables which were found to have a statistically significant relationship to the likelihood of the household shopping in Northern Ireland. Odds ratios greater than 1 indicate higher odds or increased likelihood of shopping in Northern Ireland.

Max-rescaled R-Square	0.279
Characteristic	Odds Ratio
Region of household	
Dublin vs Border	0.311
Mid-East vs Border	0.297
Midlands vs Border	0.262
Mid-West vs Border	0.034
South-East vs Border	0.046
South-West vs Border	0.021
West vs Border	0.205
Household Composition	
Single adult aged 65+ living along vs 2 adults with 1-3 children	0.332
single adult aged <65 living alone vs two adults with 1-3 children	0.39
two adults at least one aged 65+ no children vs two adults with 1-3 children	0.564
two adults both aged <65 no children vs two adults with 1-3 children	0.714
three or more adults no children vs h two adults with 1-3 children	0.662
Age of household reference person	
45-64 vs 30-44	0.757
65+ vs 30-44	0.521
Number of persons at work in the household	
Jobless household vs 2 people at work	0.606
Highest education level attained by household reference person	
No formal education/primary vs Third level	0.663

#### Principal Economic Status Classification

The PES classification is based on a single question in which respondents are asked what is their usual situation with regard to employment and given the following response categories:

- At work
- Unemployed
- Student
- · Engaged on home duties
- Retired
- Other.

### Household composition

For the purposes of deriving household composition, a child was defined as any member of the household aged 17 or under. Households were analysed as a whole, regardless of the number of family units within the household. The categories of household composition are:

- 1 adult aged 65+, no children under 18
- 1 adult aged <65, no children under 18
- 2 adults at least 1 aged 65+, no children under 18
- 2 adults, both aged <65, no children under 18
- 3 or more adults, no children aged under 18
- 1 adult, with children
- 2 adults with 1-3 children
- Other households with children.

### NUTS2 and NUTS3 regions

The regional classifications in this release are based on the NUTS (Nomenclature of Territorial Units) classification used by Eurostat. The NUTS3 regions correspond to the eight Regional Authorities established under the Local Government Act, 1991 (Regional Authorities) (Establishment) Order, 1993, which came into operation on 1 January 1994. The NUTS2 regions, which were proposed by Government and agreed by Eurostat in 1999, are groupings of the NUTS3 regions. The composition of the regions is set out below.

Eastern		Border, Midlands and West	ern NUTS2 Region	Southern and NUTS2 Region
	Dublin City	Border	Cavan	Dublin
	Duomi city	Donegal Leitrim Louth		Dun Laoghaire-Rathdown Fingal South Dublin
		Monaghan Sligo	Mid-East	Kildare Meath
	Midland	Laoighis Longford		Wicklow
		Offaly Westmeath	Mid-West	Clare Limerick City Limerick County
	West	Galway City Galway County		North Tipperary
		Mayo Roscommon	South-East	Carlow Kilkenny South Tipperary Waterford City Waterford County Wexford
			South-West	Cork City Cork County Kerry

**QHNS Social Modules** While the main purpose of the QNHS is the production of quarterly labour force estimates, there is also a provision for the collection of data on social topics through the inclusion of special survey modules. The selection of the major national modules undertaken to date has been largely based on the results of a canvas of users (over 100 organisations) that was conducted by the CSO in 1996, 2002, 2006 and most recently 2008. The results of the canvas are presented to the National Statistics Board and they are asked to indicate their priorities for the years ahead.

The schedule for social modules in any given year is based on the following structure:

- Quarter 1 Accidents and Illness module, Information, Communication and Technology (ICT) Survey.
- Quarter 2 EU module (always covered under EU legislation).
- Quarter 3 National module.
- Quarter 4 National module.

The table below outlines the most recent social modules published in the QNHS:

Reference Quarter	Social Module
Q2 2008	Educational Attainment
Q1 2008	Pension provision
Q4 2007	Childcare
Q3 2007	Health
Q2 2007	Union Membership
Q1 2007	Work-related Accidents and Illness (Q1 2003-Q1 2007)
Q1 2007	ICT household survey
Q4 2006	Crime and Victimisation
Q3 2006	Sport and physical exercise
Q3 2006	Social capital
Q1 2006	ICT household survey
Q4 2005	Pension provision
Q4 2005	Special Saving Incentive Accounts (SSIAs)
Q3 2005	ICT household survey
Q3 2005	Recycling and energy conservation
Q2 2005	Reconciliation between work and family life
Q4 2004	Equality
Q1 2005	Childcare
Q3 2004	ICT household survey
Q2 2004	Union Membership
Q2 2004	Work organisation and working time
Q4 2003	Crime and Victimisation
Q3 2003	Housing
Q3 2003	ICT household survey
Q2 2003	Life long learning

Social modules yet to be published:

Reference	Social
Quarter	Module
Q1 2008	Working conditions and agency work
Q2 2008	Migrants and their descendants
Q3 2008	Life long learning
Q4 2008	Travel to work

### Appendix

### Module on cross-border shopping - Q2 2009

### Ask at household level

#### 1. VISIT\_NI

If WAVE in (2,3,4,5) and AGE <=15 and DIR=1 and answering household questionnaire

I am now going to ask you a few questi ons on travel to Northern Ireland.

Has any member of your household visited Northern Ireland in the last 12 months, including day trips?

1. Yes

2. No

2. NO TRIPS

If VISIT\_NI=1

How many trips were made?

Note that if 2 or more hou sehold members travelled togeth er it is counted as 1 trip.

#### Enter Numeric value greater than 0

3. SHOP\_TRIP

If VISIT\_NI=1

How many of these trips we re mainly for shopping?

Enter Numeric value

4. PERS\_TRIP

If VISIT\_NI=1

How trips to Northern Ireland did YOU go on?

Enter Numeric value

5. WHEN TRIP

If PERS \_NI=1

When was that trip?

April 2008-May/June? 2009 (list of months in the last 12 months provided depending on date of interview)

6. WHEN\_LTRIP

If PERS\_TRIP > 1

When was YOUR most recent trip?

April 2008-May/June? 2009 (list of months in the last 12 months provided depending on date of interview)

7. HH LTRIP

If PERS TRIP >0

How many people living in the household were on this trip?

Note: Include people that lived in the house at the time, even if they no longer live there.

Enter numeric value>0

8. LENGTH LTRIP

If PERS\_TRIP >0

How many nights did you spend on this trip? Count a day trip as 0 nights. Enter Numeric value

### 9. PURPOSE\_LTRIP

If PERS\_TRIP > 0

What was the main purpose of this trip?

- 1. Mainly for the purchase of a vehicle
- 2. Mainly for shopping (excluding the purchase of a vehicle)
- 3. Mainly for business
- 4. Mainly for holidays/ visiting friends or relations
- 5. Other

#### 10. TRAV\_LTRIP

If PERS\_TRIP > 0

Did you travel by:

- 1. Car
- 2. Bus
- 3. Train
- 4. Plane
- 5. Other means
- 11. Totspend\_LTRIP

If PERS\_TRIP > 0

What is the estimated TOTAL amount spent on shopping on this trip by all household members in EURO/STERLING?

Note this question specifically relates to shopping and excludes the purchase of a vehicle or any services purchased (e.g. dental services, entertainment). Also excludes the purchase of petrol or diesel.

Enter numeric amount in EURO/STERLING. Note if value in Euros or Sterling.

12. Totspend\_GOODS

If PERS\_TRIP > 0

Note: Carry forward total amount from previous question (TOTSPEND\_LTRIP) to this screen.

How much did you spend on the following goods:

Type of goods	Amount Spent	Euro	Sterling
Alcohol			
Cosmetics			
Groceries (including tobacco)			
Clothing and Durables (including TV's etc)			
Other			
Total (Automatically calculated)			

If Amount spent>0, indicate whether value is in Euro or Sterling. One and only one column must be ticked

If Total calculated above differs from value in previous question (TOTSPEND\_LTRIP), flag as a soft error: Sum of values of  $\in$ x differs from total value of  $\in$ y. Please check.

### 13. Totspend\_ACC

### If PERS\_TRIP > 0

In addition to what you have alread y outlined, how much did you spend on:

	Amount Spent	Euro	Sterling
Accommodation and meals			
Entertainment			
Petrol and/or diesel			

If Amount spent>0, indicate whether value is in Euro or Sterling. One and only one column must be ticked

14. PREV\_NI

If VISIT\_NI=1

In the last 12 mo nths have you:

- 1. Done more shopping in Northern Ireland than you used to in previous years
- 2. Done less shopping in Northern Ireland than you used to in previous years
- 3. Done the same amount of shopping as you did in previous years
- 4. I don't shop in Northern Ireland

15. FUT NI

Thinking about the next 12 months, do yo u intend to travel to No rthern Ireland for the sole or primary purpose of shopping?

- 1. Yes, on a regular basis
- 2. Yes, occasionally or for one-off purchases (e.g. Christmas, birthdays)
- 3. No