



An Phríomh-Oifig Staidrimh
Central Statistics Office

Information Society and Telecommunications in Households 2009 - 2011

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Chapter 1

Introduction

The Central Statistics Office (CSO) collects statistics on information and communication technology (ICT) usage in households as part of the Quarterly National Household Survey (QNHS). The survey module is conducted annually in Quarter 1 (Jan-Mar) each year and covers the 12 months preceding the date of interview. Face to face interviews are carried out with a representative sample of the household population. The collected data is then grossed using population estimates to provide population statistics from the information gathered in the questionnaire.

The ICT household survey covers a range of topics related to the use of ICT by households and individuals. The ICT questionnaire focuses on the use of ICT for **non-work** related activities. This report presents findings from the ICT household surveys on the use of ICT in 2009 - 2011. Key statistics from the survey include:

- 81% of all households in 2011 have access to a computer
- 78% of all households have access to the internet
- Holiday accommodation and other travel arrangements are the most popular types of purchases made by individuals over the internet
- 58% of individuals feel they are able to protect their personal data and 55% feel they can protect their computers from virus attacks

The tables and chart data used for this report are available online through the CSO website and data dissemination service (Statbank). The information can be found at:

CSO website <http://www.cso.ie/>

Databank <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

In addition to this report covering household ICT usage, the 2011 release on Information Society Statistics in Enterprises is scheduled for release on 12 December 2011. This information will also be available on the CSO website at the above address.

Chapter 2

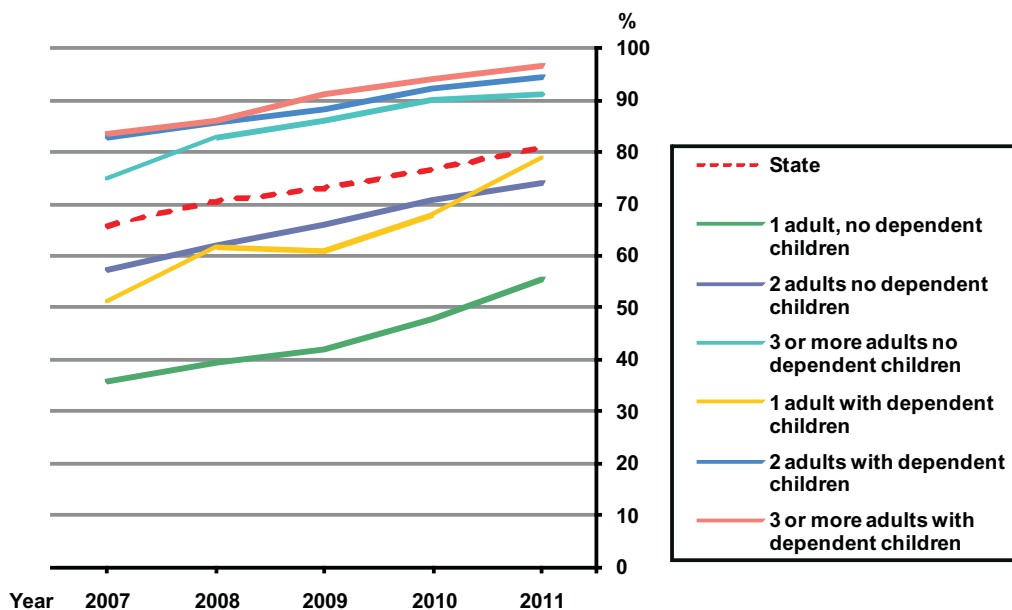
Household ICT

This chapter covers ICT data collected about households in the state. The estimates only cover households that contain individuals aged 16-74.

Percentage of households with computer access

In 2011, an estimated 81% of households had a home computer. This was an increase of 16 percentage points since 2007. Figure 1 shows the levels of access to computers using the classification “household composition”. This indicates the different level of computer access depending on the number of occupants in each house. The 2011 results indicate the level of computer ownership has increased in line with previous years and the increase is broadly taking place across a range of household types. Additional breakdowns can be found in table 4.

Figure 1: Percentage of households with access to a computer classified by household composition 2007-2011

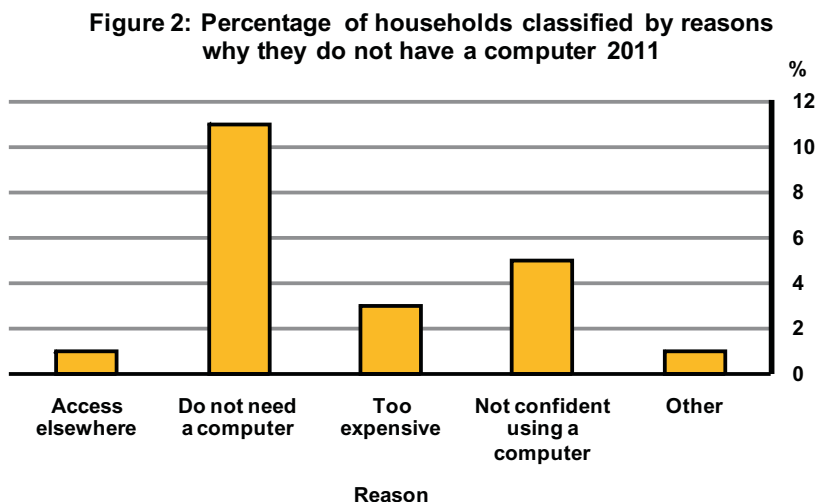


Source: Table 4 or <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Note: Households represent all private households with at least one occupant aged 16-74.

Reasons why households do not have a computer

Figure 2 illustrates the main reasons given by the population of households for not having a computer in 2011. Respondents were allowed to indicate if more than one factor contributed to a lack of computer access. The results indicate that not needing a computer was the main reason (11%) why households do not have a computer.



Source: Table 5 or <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

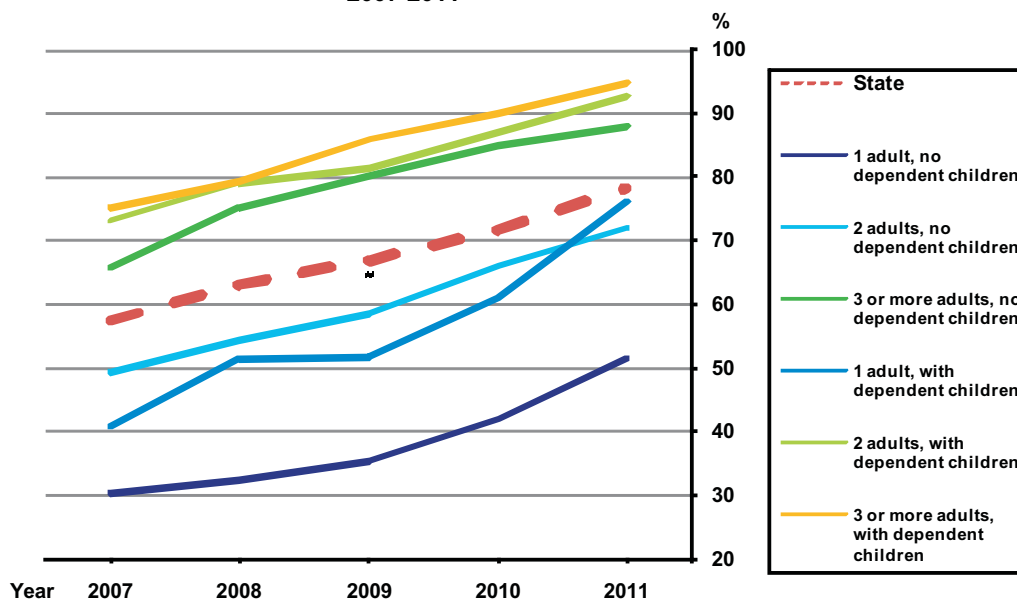
Note: Respondents were allowed to select multiple responses/reasons where necessary.

Note: Households represent all private households with at least one occupant aged 16-74.

Percentage of households with computers connected to the internet

Internet access in households has increased over the period 2007-2011 with an estimated 78% now connected to the internet compared with 72% in 2010 and 57% in 2007.

Figure 3: Percentage of households connected to the internet 2007-2011



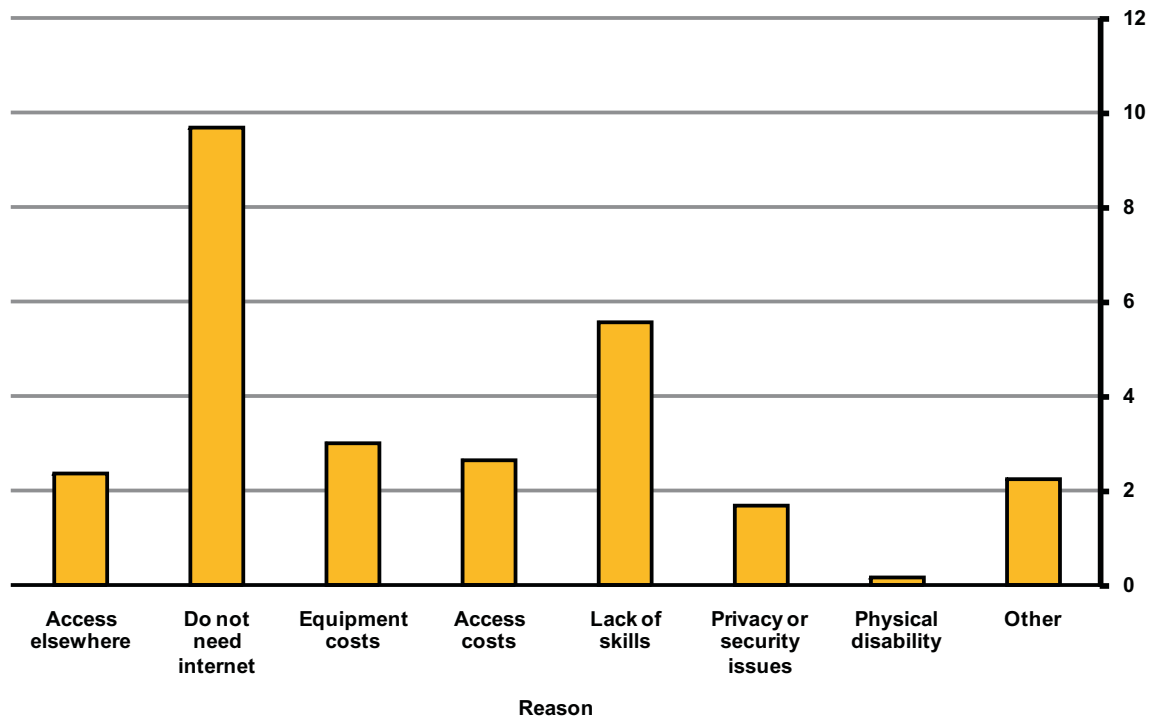
Source: Table 6 or <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Note: Households represent all private households with at least one single occupant aged 16-74.

Figure 4: Why households do not have an internet connection

Figure 4 illustrates the main reasons given by the population of households for not having internet access in 2011. Respondents were allowed to indicate if more than one factor contributed to a lack of access. This meant multiple reasons are frequently stated. Figure 4 indicates that not needing the internet was the main reason (10%) why households do not have internet access.

Figure 4: Percentage of households classified by reasons why they do not have an internet connection 2011 %



Source: Table 7 or <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Note: Respondents were allowed to select multiple responses/reasons where necessary.

Note: Households represent all private households with at least one occupant aged 16-74.

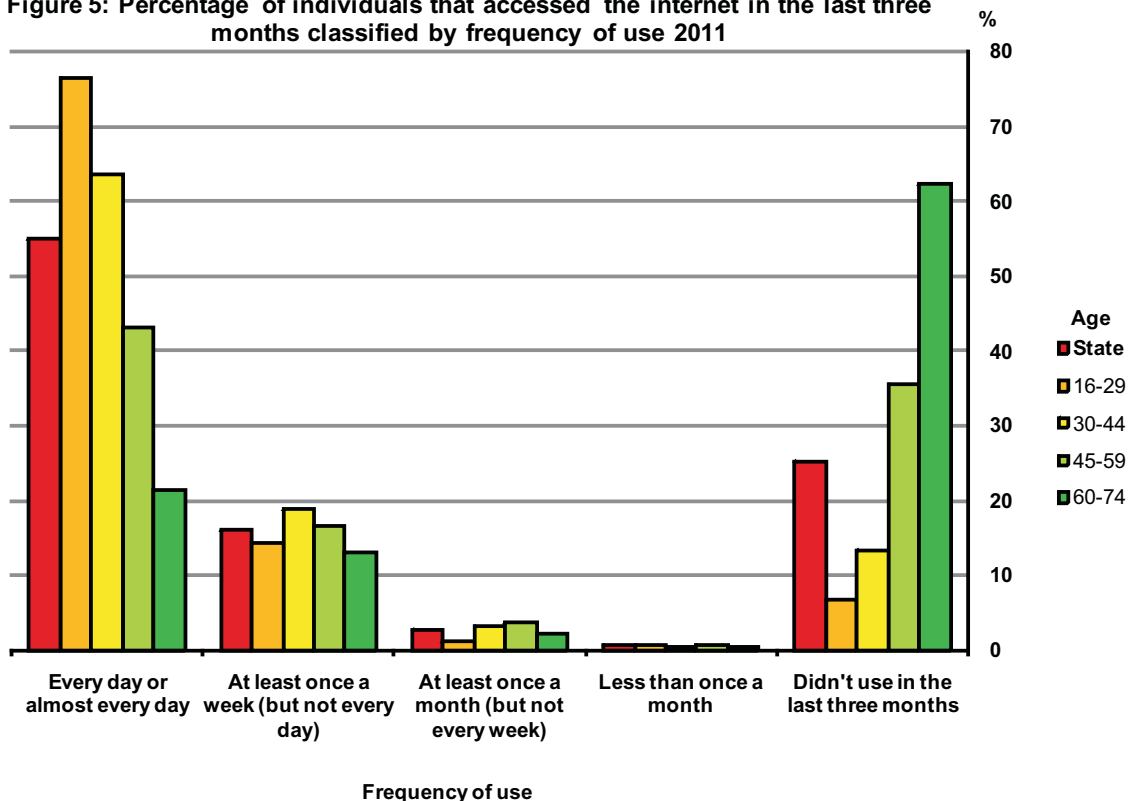
Chapter 3

Individual ICT Activity

Internet usage

Figure 5 illustrates the frequency of use for individuals that have accessed the internet in the last three months. The figure highlights that 77% of the age category 16-29 access the internet almost every day compared with just 21% of the age category 60-74.

Figure 5: Percentage of individuals that accessed the internet in the last three months classified by frequency of use 2011



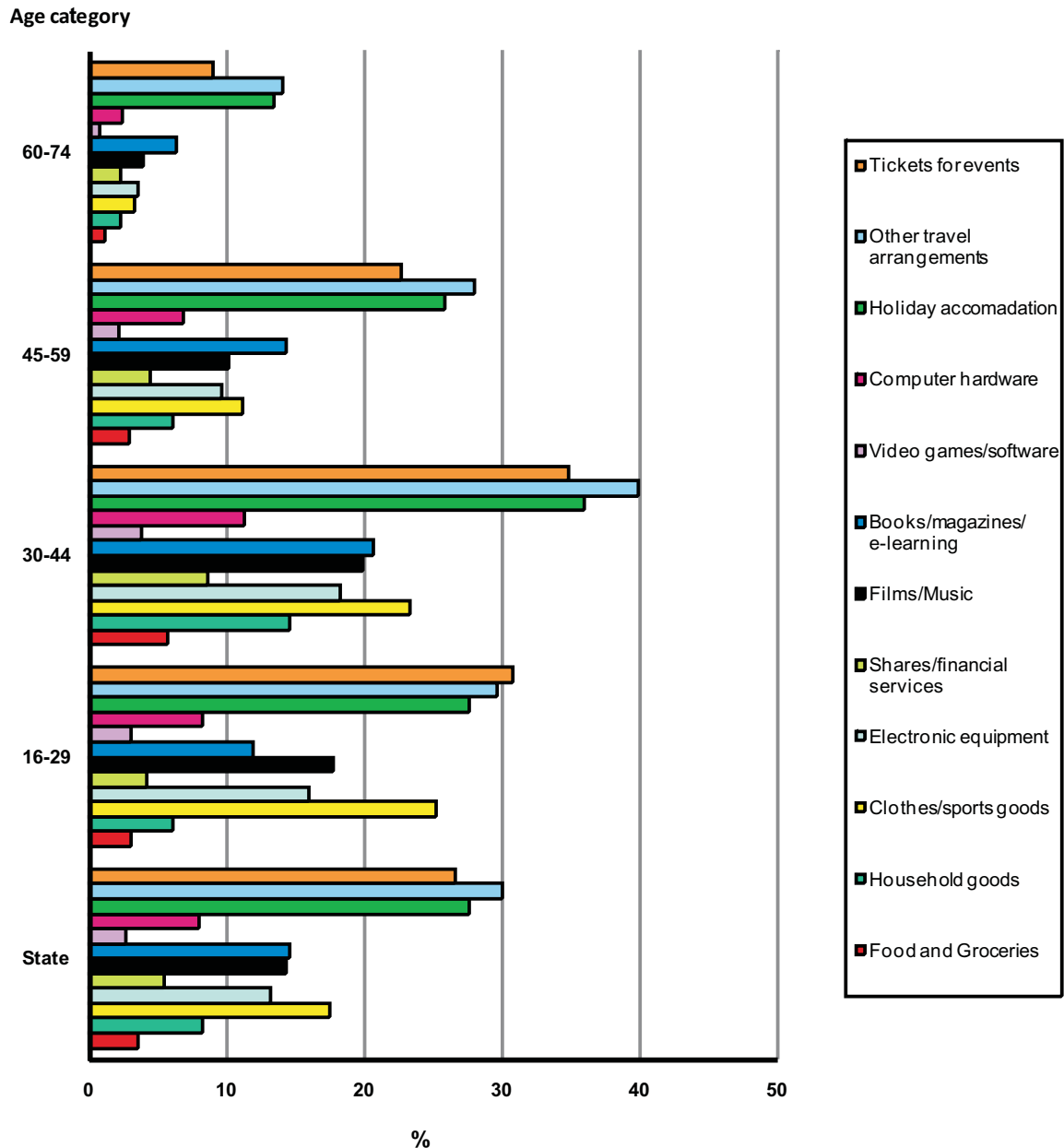
Source: Table 8 or <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Note: Individuals represent all individuals aged 16-74.

E-commerce

The 2011 survey showed that the most popular types of internet purchases made by individuals that have purchased goods online in the last year were Holiday accommodation (27.6% of individuals) and Other travel arrangements (30.1% of individuals). The survey did not measure the value of internet purchases. Respondents were only asked to state what **types** of goods and services they had purchased (Appendix 1 ICT household questionnaire - Question E2).

Figure 6: Individuals that purchased online in the last year classified by types of purchase made and age category 2011



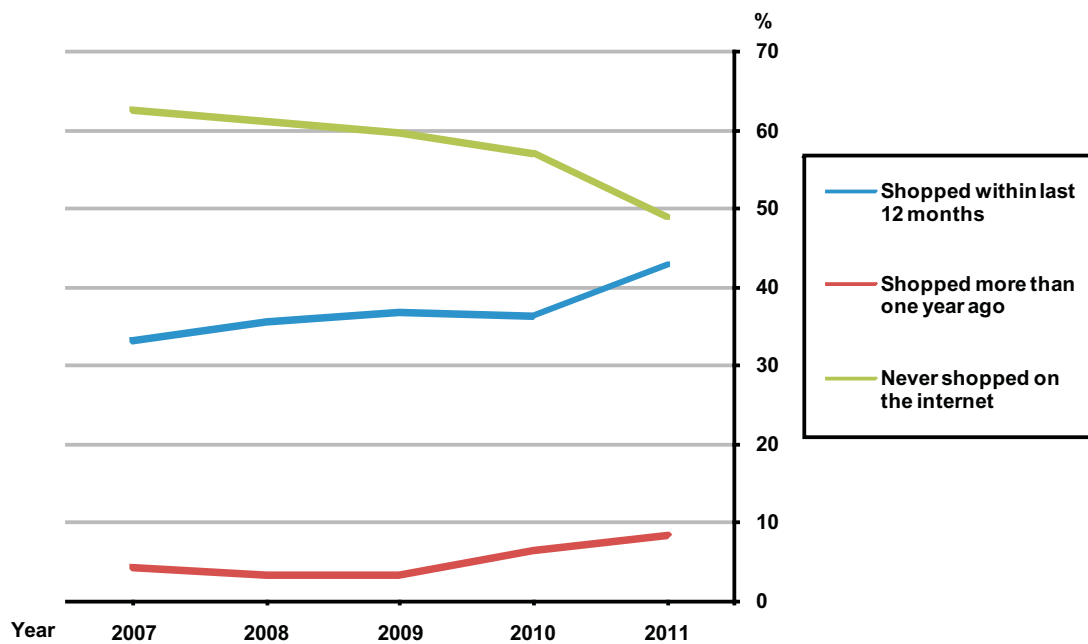
Source: Table 11 or <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Note: Respondents were allowed to select multiple responses/reasons where necessary.

Note: Individuals represent all individuals aged 16-74 that purchased goods online in the last year (Mar 2010 – Mar 2011).

Figure 7 shows the percentage of individuals that participated in internet shopping from 2007 to 2011.

Figure 7: Percentage of individuals that purchased online 2007-2011



Source: Table 10 or <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Note: Respondents were allowed to select multiple responses/reasons where necessary.

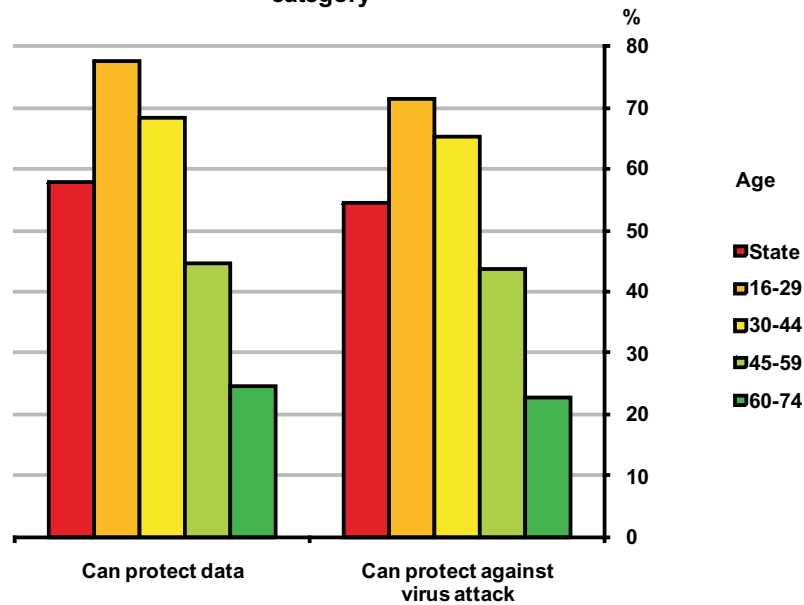
Note: Individuals represent all individuals aged 16-74.

Internet skills in data protection and virus control

Figure 8 shows the level of confidence individuals have in their ability to protect private data and stop virus attacks. Almost 25% of individuals in the age category 60-74 felt capable of protecting their personal data. In contrast 77% of the age category 16-29 felt they could protect their personal data.

There were similar patterns regarding individuals' ability to stop virus attacks. Over 70% of individuals in the 16-29 age category felt capable of stopping virus attacks compared with just 23% of those in the 60-74 age category.

Figure 8: Percentage of individuals that felt they could protect data and stop virus attacks classified by age category



Source: Table 1 or <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Note: Individuals represent all individuals aged 16-74.

Chapter 4

Connecting to the Internet

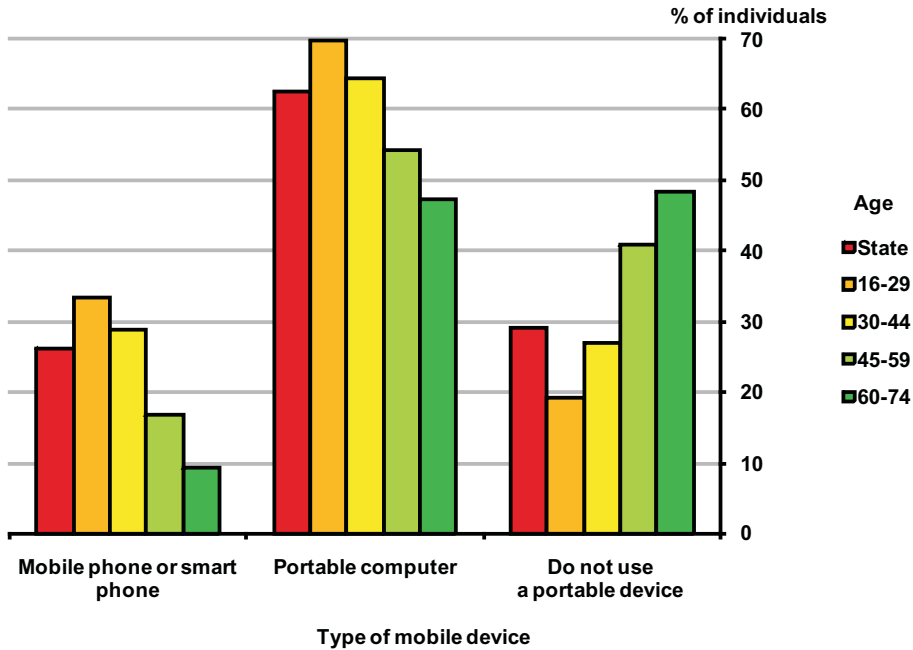
This chapter presents information on the methods used to connect to the internet. The aggregate data on narrowband¹ and broadband connections at state level has been provided by the Commission of Communications Regulation (ComReg). Additional information is available from ComReg at <http://www.comreg.ie/>.

Mobile devices and the internet

Methods of accessing the internet on the move have developed significantly in recent years with an increased availability of internet access using “smart phones”. Data for 2011 indicates that portable computers remain the most significant means used by individuals to access the internet when away from the household (62% compared with 26% access using mobile phones). The greatest percentage of smart phone usage can be found in the 16-29 age category with a third of the age category accessing the internet using a mobile or smart phone.

¹ The term “narrowband” is regularly used to describe a slower or less powerful transmission signal used when accessing the internet.

Figure 9: Types of mobile devices used to access the internet by individuals away from the household classified by category 2011



Source: CSO ICT 2011 Household Survey <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Note: Respondents were allowed to select multiple responses/reasons where necessary.

Note: Individuals represent all individuals aged 16-74.

Total internet subscriptions

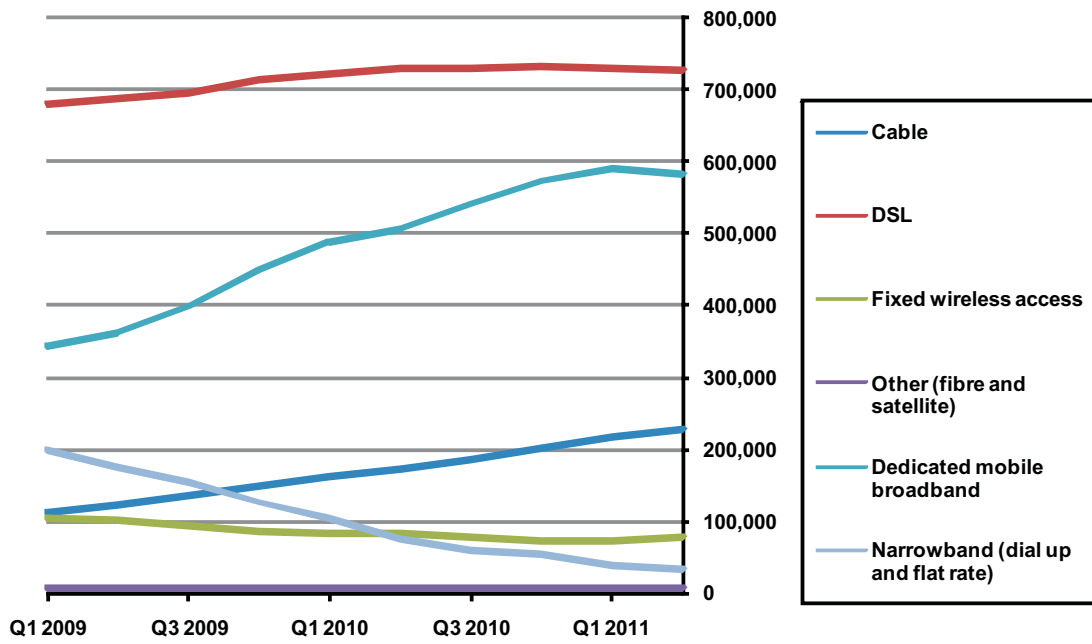
At the end of June 2011, there were over 1.66 million active internet subscriptions in Ireland. This was a slight decrease of 0.2% on the previous quarter but a 5.2% increase on June 2010. This is the first quarter that there has been a fall, albeit a marginal one, in the number of internet subscriptions since ComReg began reporting. Although there was a small increase in broadband subscriptions, the larger fall in narrowband subscriptions resulted in a net decrease in internet subscriptions this quarter.

Cable and FWA¹ subscriptions increased this quarter but others (DSL, Mobile, and Other) fell this quarter. It should be noted that a new FWA operator was included in the data collection this quarter which has contributed to the overall FWA subscriptions increase. DSL subscriptions have declined for a second quarter in a row (-0.2%). This is the first quarter that mobile broadband subscriptions have declined (-1.3%). This decline was across both pre-pay and post-pay subscriptions. Other subscriptions (satellite and fibre) fell again this quarter (-2.5%). Figure 11 shows the total number of narrowband and broadband internet subscriptions in Ireland as of Q2 2011.

Source: ComReg Quarterly Key Data Report Q2 2011 available at <http://www.comreg.ie>

¹ FWA = Fixed Wireless Access

ComReg Figure 3.1.2: Total Number of Active Internet Subscriptions



S

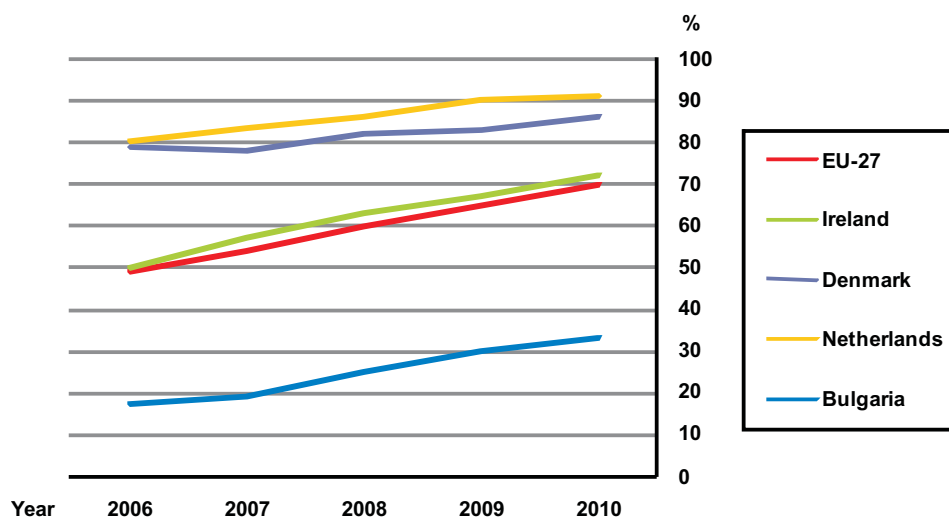
Chapter 5

International Comparisons

Figure 10 presents Ireland's level of Household internet access in contrast to a selection of European countries. There is more information on EU-27 and EU-15 countries in table 12 and table 13. In 2011 the level of internet access in Ireland has reached 78%. This is in line with the growth in access shown in previous years. In the period 2006 – 2010 (see figure 10) it can be seen that Ireland lies slightly above the EU average. The 2011 data on all member states is due for release later in December and will be available at Eurostat's website at:

http://epp.eurostat.ec.europa.eu/statistics_explained/index.php/Information_society_statistics

Figure 10: European comparison of the percentage of households connected to the internet 2006-2010

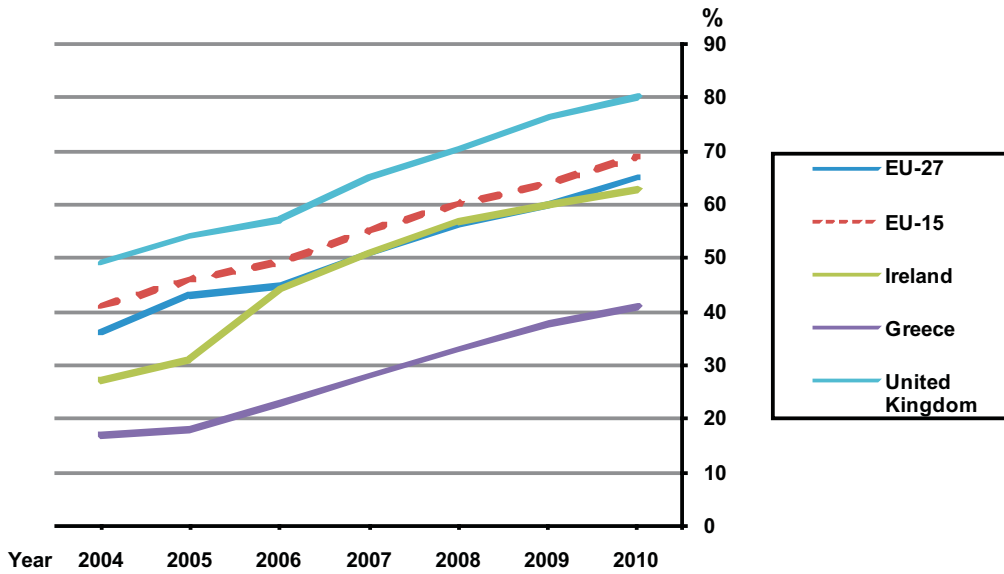


Source: Eurostat http://epp.eurostat.ec.europa.eu/statistics_explained/index.php/Information_society_statistics

Note: Households represent all households with at least one single occupant aged 16-74.

A comparison of the frequency of internet use (by combining individuals that access the internet daily with those that access the internet just weekly) shows a steady rise over the period 2004 – 2010. For 2011 this trend has continued with the most recent data available showing this level to be 71% for Ireland. Figure 11 compares Ireland's data with a selection of EU states. Data for all EU states and some other countries can be found in table 12.

Figure 11: European comparison of percentage of individuals that access the internet at least once a week (including once a day) 2004-2010



Source: Eurostat http://epp.eurostat.ec.europa.eu/statistics_explained/index.php/Information_society_statistics

Note: Individuals represent all individuals aged 16-74.

Tables

Tables for this publication can also be found at this location:

CSO ICT 2011 Household Survey <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Note: Tables 2, 5, 7, 10 and 11 allowed respondents to select multiple responses/reasons when necessary to answer the question fully. An example of this would be if a person stated more than one reason for not having a computer. This means that percentages may not add to 100.

Table 1 Percentage of all individuals capable of data protection and virus control classified by individual and household characteristics

	% of individuals	
	Can protect data	Can protect against virus attack
State	57.8	54.6
Sex		
Male	58.3	56.2
Female	57.2	53.0
Age Group		
16-29	77.7	71.3
30-44	68.3	65.3
45-59	44.6	43.6
60-74	24.5	22.7
Highest education level attained*		
Low education	31.5	28.4
Mid education	62.6	59.4
High education	79.5	76.2
Principal Economic Status		
At work	66.7	63.5
Unemployed	54.3	51.7
Student	85.2	77.0
Home duties	36.3	33.3
Retired	31.1	29.6
Other	33.8	34.9
Type of Internet connection		
Broadband	70.2	66.4
Narrowband	61.2	58.1
No internet	13.4	12.6
Unknown internet	18.7	12.7
Household composition		
1 adult, no dependent children	43.1	42.1
2 adults no dependent children	54.1	51.7
3 or more adults no dependent children	60.1	57.7
1 adult with dependent children	58.7	55.8
2 adults with dependent children	68.5	64.9
3 or more adults with dependent children	57.9	47.4

Note: Data are subject to sampling and other survey errors, which are relatively greater in respect of smaller values.

Note: Individuals represent all individuals aged 16-74.

*Highest education level attained: Details of classification are found in Survey Methodology and Background Notes.

Table 2 Types of mobile devices used to access the internet by individuals away from the household classified by individual and household

	% of individuals		
	Mobile phone or smart phone	Portable computer	Do not use a portable device
State	26.1	62.5	29.2
Sex			
Male	29.3	63.6	27.1
Female	23.0	61.5	31.2
Age Group			
16-29	33.3	69.8	19.2
30-44	28.8	64.3	27.0
45-59	16.9	54.2	40.9
60-74	9.4	47.4	48.4
Highest education level attained			
Low education	16.2	56.1	36.4
Mid education	25.8	63.0	28.6
High education	31.7	65.4	26.1
Principal Economic Status			
At work	29.4	65.1	27.4
Unemployed	21.3	58.8	30.3
Student	36.6	69.3	18.6
Home duties	13.1	57.2	37.0
Retired	9.8	43.3	52.4
Other	19.0	54.4	36.7
Type of Internet connection			
Broadband	27.0	62.4	29.3
Narrowband	24.2	73.8	19.3
No internet	14.4	36.5	55.4
Unknown internet	42.1	53.2	12.1
Household composition			
1 adult, no dependent children	20.6	62.7	31.2
2 adults no dependent children	28.1	60.6	29.8
3 or more adults no dependent children	31.1	63.9	26.8
1 adult with dependent children	23.3	68.5	22.7
2 adults with dependent children	26.7	61.8	29.8
3 or more adults with dependent children	17.3	63.0	32.3

Note: Data are subject to sampling and other survey errors, which are relatively greater in respect of smaller values.

Note: Individuals represent all individuals aged 16-74.

Table 3 Number of private households in permanent housing units in the country, classified by personal computer ownership and access to the internet, 2002 and 2006.

Year	Total number of households in the state	Personal computer ownership				Access to the Internet			
		Yes	No	Not stated	%	Yes	No	Not stated	%
2002	1,279,617	556,445	698,020	25,152	44	435,762	814,743	29,112	34
2006	1,462,296	828,356	599,417	34,523	66	682,645	703,907	75,744	47

Note: A question on computer ownership and internet access is asked in Ireland's Census of Population.

Table 3 provides information on this questionnaire from Census 2002 and 2006. Census 2011 data on this topic is due for release from March 2012.

Table 4 Percentage of households with computer classified by individual and household characteristics, 2007 to 2011

	2007		2008		2009		2010		2011	
	<i>Unweighted</i>	<i>actual</i>	<i>Unweighted</i>	<i>actual</i>	<i>Unweighted</i>	<i>actual</i>	<i>Unweighted</i>	<i>actual</i>	<i>Unweighted</i>	<i>actual</i>
Desktop / portable computer permanently in the home	%	sample	%	sample	%	sample	%	sample	%	sample
State	65	4,361	70	9,003	73	8,287	76	7,826	81	6,365
Household Composition										
1 adult, no dependent children	36	751	39	1,469	42	1,456	48	1,478	56	1,169
2 adults no dependent children	57	1,117	62	2,468	66	2,246	71	2,139	74	1,727
3 or more adults no dependent children	75	825	83	1,646	86	1,481	90	1,214	91	1,033
1 adult with dependent children	51	178	62	335	61	339	68	404	79	336
2 adults with dependent children	83	1,030	86	2,169	88	1,977	92	1,945	94	1,592
3 or more adults with dependent children	84	460	86	916	91	788	94	646	96	508
Number of persons at work in the household										
0	34	894	39	1,937	43	2,058	51	2,211	60	1,906
1	63	1,467	69	2,930	73	2,797	80	2,705	84	2,220
2	81	1,472	85	3,207	89	2,734	92	2,427	94	1,871
3+	82	528	87	929	94	698	97	483	98	368
Internet Type										
Broadband	100	1,265	100	3,656	100	4,423	100	4,757	100	4,116
Narrowband	99	1,128	99	1,783	99	980	99	658	98	715
No internet	20	1,913	21	3,429	19	2,776	18	2,256	14	1,421
Unknown internet	95	55	97	135	98	108	97	155	99	113
Population										
Densely populated	70	1,262	76	2,687	78	2,856	81	2,352	85	2,174
Intermediate populated	64	1,209	68	2,213	70	1,787	77	1,836	81	1,534
Thinly populated	63	1,890	67	4,103	71	3,644	73	3,638	77	2,657
Region										
Border	51	489	61	1,037	62	952	65	874	70	602
Midlands	66	340	66	603	70	422	72	448	81	321
West	62	436	65	786	71	637	76	890	81	670
Dublin	72	911	77	1,781	79	2,126	82	1,642	86	1,486
Mid-East	71	380	78	831	77	822	85	843	89	545
Mid-West	67	431	67	966	71	841	77	874	80	759
South-East	60	581	67	1,285	71	955	72	1,087	74	902
South-West	64	793	69	1,714	71	1,532	75	1,168	78	1,080

Note: Data are subject to sampling and other survey errors, which are relatively greater in respect of smaller values.

Note: Households represent all private households with at least one single occupant aged 16-74.

Source: CSO ICT 2011 Household Survey <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Table 5 Percentage of households classified by reasons they do not have a computer and individual and household characteristics

% of households

	Access elsewhere			Do not need a computer			Too expensive			Not confident using a computer		
	2009	2010	2011	2009	2010	2011	2009	2010	2011	2009	2010	2011
State	2	2	1	14	12	11	5	5	3	6	6	5
Household composition												
1 adult, no dependent children	4	5	3	35	29	27	7	6	6	17	14	14
2 adults no dependent children	3	2	2	20	17	16	4	3	3	8	9	7
3 or more adults no dependent children	1	1	0	7	4	5	3	3	2	2	3	2
1 adult with dependent children	4	5	3	8	7	5	23	17	12	6	6	4
2 adults with dependent children	2	1	1	4	3	2	4	3	3	1	2	1
3 or more adults with dependent children	1	*	*	4	*	*	4	*	*	1	*	*
Number of persons at work in the household												
0	2	2	2	32	26	23	11	10	7	16	15	11
1	3	3	2	13	10	8	5	4	3	6	4	4
2	2	1	1	6	4	3	2	2	1	2	1	1
3+	*	*	*	*	*	*	*	*	*	*	*	*
Population												
Densely populated	3	2	1	11	8	8	5	4	3	5	5	4
Intermediate populated	2	2	2	16	11	10	7	5	3	7	6	5
Thinly populated	2	2	1	17	15	13	4	4	3	7	7	6
Region												
Border	2	2	2	21	20	17	9	7	5	7	7	8
Midland	3	1	2	18	17	13	4	5	1	5	8	3
West	2	3	2	16	15	10	5	4	3	9	5	5
Dublin	3	2	1	10	8	8	4	4	3	5	5	3
Mid-East	2	1	1	12	8	6	4	2	1	4	4	4
Mid-West	3	2	1	18	12	9	6	4	5	6	6	7
South-East	2	4	1	17	12	16	3	6	4	7	9	8
South-West	2	3	1	13	11	11	5	4	4	9	8	5

* Sample occurrence too small for estimation.

Note: Households represent all private households with at least one single occupant aged 16-74.**Note:** Respondents were allowed to select multiple responses/reasons to the question where necessary.

Table 5 (contd) Percentage of households classified by reasons they do not have a computer and individual and household characteristics

% of households												
Other			Households with computer			Households without computer			Actual sample of Households without a computer			
2009	2010	2011	2009	2010	2011	2009	2010	2011	2009	2010	2011	
3	2	1	73	76	78	27	24	22	2,260	1,876	1,264	State
Household composition												
6	5	3	42	48	51	58	52	49	854	782	528	1 adult, no dependent children
3	2	2	66	71	72	34	29	28	752	628	458	2 adults no dependent children
2	1	1	86	90	88	14	10	12	205	130	93	3 or more adults no dependent children
5	2	1	61	68	76	39	32	24	132	130	68	1 adult with dependent children
2	1	1	88	92	93	12	8	7	242	167	98	2 adults with dependent children
1	*	*	91	*	*	9	*	*	75	39	19	3 or more adults with dependent children
Number of persons at work in the household												
6	5	3	43	51	56	57	49	44	1,164	1,098	775	0
3	2	1	73	80	82	27	20	18	742	563	367	1
2	1	1	89	92	93	11	8	7	311	197	114	2
*	*	*	94	97	*	*	*	*	43	18	8	3+
Population												
2	2	1	78	81	83	22	19	17	650	454	341	Densely populated
4	2	1	70	77	79	30	23	21	538	421	296	Intermediate populated
3	3	2	71	73	74	29	27	26	1,072	1,001	627	Thinly populated
Region												
7	4	2	62	65	66	38	35	34	360	308	180	Border
1	3	3	70	72	79	30	28	21	124	124	62	Midland
4	1	1	71	76	79	29	24	21	184	216	126	West
2	2	1	79	82	84	21	18	16	449	298	211	Dublin
2	1	0	77	85	87	23	15	13	185	130	62	Mid-East
1	1	1	71	77	77	29	23	23	246	203	155	Mid-West
3	2	2	71	72	71	29	28	29	273	308	233	South-East
3	3	2	71	75	76	29	25	24	439	289	235	South-West

* Sample occurrence too small for estimation.

Note: Households represent all private households with at least one single occupant aged 16-74.

Note: Respondents were allowed to select multiple responses/reasons to the question where necessary.

Source: CSO ICT 2011 Household Survey <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Table 6 Percentage of households with internet access classified by household characteristics

	2007		2008		2009		2010		2011	
	%	actual sample	%	actual sample	%	actual sample	%	actual sample	%	actual sample
State	57	4,361	63	9,003	67	8,287	72	7,826	78	6,365
Household Composition										
1 adult, no dependent children	30	751	32	1,469	35	1,456	42	1,478	51	1,169
2 adults no dependent children	49	1,117	54	2,468	59	2,246	66	2,139	72	1,727
3 or more adults no dependent children	66	825	75	1,646	80	1,481	85	1,214	88	1,033
1 adult with dependent children	41	178	51	335	52	339	61	404	76	336
2 adults with dependent children	73	1,030	79	2,169	82	1,977	87	1,945	93	1,592
3 or more adults with dependent children	75	460	79	916	86	788	90	646	95	508
Number of persons at work in the household										
0	26	894	31	1,937	36	2,058	44	2,211	56	1,906
1	54	1,467	61	2,930	67	2,797	75	2,705	82	2,220
2	73	1,472	78	3,207	84	2,734	89	2,427	93	1,871
3+	72	528	81	929	88	698	93	483	97	368
Internet Type										
Broadband	100	1,265	100	3,656	100	4,423	100	4,757	100	4,116
Narrowband	100	1,128	100	1,783	100	980	100	658	100	715
No internet	.	1,913	.	3,429	.	2,776	.	2,256	.	1,421
Unknown internet	100	55	100	135	100	108	100	155	100	113
Population										
Densely populated	63	1,262	70	2,687	74	2,856	77	2,352	83	2,174
Intermediate populated	55	1,209	60	2,213	63	1,787	73	1,836	79	1,534
Thinly populated	54	1,890	59	4,103	63	3,644	67	3,638	74	2,657
Region										
Border	43	489	53	1,037	56	952	60	874	66	602
Midlands	54	340	54	603	63	422	66	448	79	321
West	52	436	55	786	63	637	70	890	79	670
Dublin	66	911	71	1,781	75	2,126	78	1,642	84	1,486
Mid-East	66	380	72	831	71	822	81	843	87	545
Mid-West	58	431	60	966	62	841	73	874	77	759
South-East	49	581	59	1,285	64	955	65	1,087	71	902
South-West	56	793	62	1,714	65	1,532	70	1,168	76	1,080

Note: Data are subject to sampling and other survey errors, which are relatively greater in respect of smaller values.

Note: Households represent all private households with at least one single occupant aged 16-74.

Source: CSO ICT 2011 Household Survey <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Table 7 Percentage of households classified by reasons they do not have the internet and household characteristics

% of households

	Access elsewhere		Do not want internet		Do not need internet		Equipment costs too high		Access costs too high	
	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011
State	4	2	3	-	8	10	4	3	3	3
Household composition										
1 adult, no dependent children	7	4	7	-	18	24	6	5	4	4
2 adults no dependent children	4	3	3	-	10	14	3	3	2	2
3 or more adults no dependent children	2	1	2	-	4	4	3	2	2	2
1 adult with dependent children	7	5	3	-	5	5	16	8	11	7
2 adults with dependent children	3	1	1	-	2	1	3	2	2	2
3 or more adults with dependent children	1 *		1	*	1	*	4	*	2	*
Number of persons at work in the household										
0	4	3	6	-	16	20	9	7	6	6
1	5	3	3	-	6	8	4	2	2	2
2	3	2	1	-	2	3	1	1	1	1
3+	1	1	*	-	1	*	1	*	1	*
Type of computer										
Desktop/portable pc permanently in the household	1	1	0	-	1	1	1	1	1	1
No computer permanently in the household	11	9	11	-	29	46	15	13	9	10
Population										
Densely populated	4	3	1	-	6	7	4	3	3	3
Intermediate populated	3	2	4	-	7	10	4	3	3	2
Thinly populated	4	2	4	-	9	12	4	3	3	3
Region										
Border	4	3	2	-	11	13	6	6	3	6
Midland	4	2	8	-	9	11	3	1	4	2
West	4	2	4	-	11	9	4	3	3	3
Dublin	3	2	1	-	6	8	4	3	3	3
Mid-East	2	1	2	-	5	6	2	1	1	0
Mid-West	3	2	3	-	10	9	4	3	2	3
South-East	6	3	4	-	9	13	6	3	3	2
South-West	4	3	3	-	5	10	5	3	3	3

*Sample occurrence too small for estimation.

Note: Households represent all private households with at least one single occupant aged 16-74.**Note:** Respondents were allowed to select multiple responses/reasons to the question where necessary.

Table 7 (contd) Percentage of households classified by reasons they do not have the internet and household characteristics

% of households

Lack of skills		Privacy/security concerns		Physical disability		Other		Actual sample of Households without internet		
2010	2011	2010	2011	2010	2011	2010	2011	2010	2011	
8	6	0	2	0	0	5	2	2,226	1,421	State
Household composition										
18	14	1	1	1	1	10	5	858	574	1 adult, no dependent children
11	8	1	0	0	0	6	3	718	496	2 adults no dependent children
3	2	0	0	0	.	3	1	173	123	3 or more adults no dependent children
7	4	.	1	.	.	4	2	155	78	1 adult with dependent children
2	1	0	0	.	.	3	1	261	123	2 adults with dependent children
1	6	0	0	.	.	2	*	61	27	3 or more adults with dependent children
Number of persons at work in the household										
19	13	1	1	0	0	9	5	1,231	851	0
6	4	0	0	0	.	4	2	681	419	1
2	1	0	0	0	.	3	1	282	138	2
*	*	*	*	[0]	*	[3]	.	32	13	3+
Type of computer										
1	0	0	0	0	0	2	0	385	193	Desktop/portable pc permanently in the household
31	27	1	2	0	1	15	10	1,841	1,225	No computer permanently in the household
Population										
6	4	0	1	0	0	4	2	540	381	Densely populated
8	6	1	0	0	0	4	2	486	330	Intermediate populated
9	7	0	0	0	0	7	3	1,200	710	Thinly populated
Region										
11	9	0	1	0	0	11	5	348	204	Border
13	5	0	0	0	.	6	2	152	68	Midland
6	6	1	.	.	.	3	2	261	144	West
6	3	0	1	0	1	4	1	361	240	Dublin
5	4	4	1	151	71	Mid-East
7	8	0	.	0	.	3	1	235	172	Mid-West
9	8	0	0	0	1	4	3	373	261	South-East
10	5	1	0	0	0	6	3	345	261	South-West

*Sample occurrence too small for estimation.

Note: Households represent all private households with at least one single occupant aged 16-74.

Note: Respondents were allowed to select multiple responses/reasons to the question where necessary.

Source: CSO ICT 2011 Household Survey <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Table 8 Percentage of individuals that used the internet in the last three months classified by the frequency of use, household and individual characteristics

% of individuals

	Every day or almost every day			At least once a week (but not every day)			At least once a month (but not every week)			Less than once a month			Didnt use in last 3 months		
	2007	2010	2011	2007	2010	2011	2007	2010	2011	2007	2010	2011	2007	2010	2011
State	32	47	55	19	16	16	5	3	3	1	1	1	42	33	25
Sex															
Male	37	48	55	17	14	15	4	2	2	1	1	1	40	34	27
Female	27	46	55	20	19	18	6	4	3	2	1	1	44	31	24
Age Group															
16-29	45	68	77	22	15	14	7	3	1	1	1	1	25	13	7
30-44	38	56	64	22	19	19	5	3	3	1	1	1	34	21	13
45-59	23	32	43	17	19	17	5	4	4	2	1	1	54	44	35
60-74	9	14	21	8	10	13	2	2	2	1	1	1	81	73	62
Principal Economic Status															
At work	39	56	65	19	17	16	6	3	3	1	1	1	34	23	16
Unemployed	19	42	49	20	17	20	6	2	4	3	2	1	52	37	26
Student	62	84	92	28	11	5	4	3	0	0	0	.	5	3	3
Home duties	7	23	30	15	19	22	5	5	4	1	1	1	72	53	43
Retired	14	18	25	11	12	16	2	3	2	1	1	0	72	65	57
Other	11	14	30	13	13	16	3	4	3	1	1	1	72	67	49
Region															
Border	19	33	40	17	16	21	6	5	3	1	2	1	57	44	36
Midland	22	38	54	18	17	14	5	4	3	1	1	1	54	40	26
West	27	48	54	17	17	15	7	4	3	2	1	1	48	31	26
Dublin	43	57	66	19	15	13	6	2	3	2	0	0	30	25	19
Mid-East	43	52	57	19	18	21	4	2	2	1	0	0	33	27	19
Mid-West	34	46	54	18	14	14	2	3	4	1	2	1	45	35	28
South-East	20	36	46	16	20	18	9	4	4	2	1	1	54	39	31
South-West	29	46	54	21	17	17	4	2	2	1	1	0	45	34	27
Type of Internet connection															
Broadband	62	64	68	21	19	18	4	3	3	1	1	1	12	14	11
Narrowband	32	44	62	29	26	19	9	7	3	1	1	1	29	22	15
No internet	10	8	7	11	8	8	4	2	3	1	1	1	74	80	80
Unknown internet	11	18	18	12	19	16	1	1	3	0	1	2	77	61	61
Household composition															
1 adult, no dependent children	25	32	42	15	15	14	2	2	2	1	1	1	56	49	41
2 adults no dependent children	33	45	51	16	14	13	4	2	3	1	1	1	45	38	32
3 or more adults no dependent children	35	54	60	19	12	14	6	3	3	1	1	1	39	29	23
1 adult with dependent children	25	39	54	18	25	21	6	4	5	3	1	1	48	31	19
2 adults with dependent children	35	55	62	23	20	21	7	4	3	1	1	1	34	21	13
3 or more adults with dependent children	32	48	60	18	21	17	6	5	3	2	1	0	42	25	20
Number of persons at work in the household															
0	12	27	38	13	15	16	3	4	3	1	1	1	71	54	43
1	28	48	53	20	18	18	6	3	3	1	1	1	45	30	25
2	41	59	68	20	17	16	6	3	3	1	1	1	31	20	13
3+	40	62	73	19	14	12	6	3	2	1	1	0	33	21	13

Note: Data are subject to sampling and other survey errors, which are relatively greater in respect of smaller values.

Note: Individuals represent all individuals aged 16-74.

Table 9 Percentage of individuals that used the internet in the last year classified by the frequency of use, household and individual characteristics

% of individuals

	Used within last 3 months					Used but not in the last 3 months					Never used the internet				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
State	58	63	65	67	75	7	6	5	5	4	35	32	30	27	21
Sex															
Male	60	61	64	66	73	6	6	4	5	3	35	34	32	29	23
Female	56	64	66	69	76	9	6	5	5	4	35	30	29	26	19
Age Group															
16-29	75	80	85	87	93	9	6	5	4	4	15	14	10	9	3
30-44	66	72	74	79	87	9	6	5	6	3	25	22	21	15	10
45-59	46	50	53	56	65	5	6	5	6	4	49	44	42	39	31
60-74	19	24	25	27	38	4	4	3	5	5	77	72	72	67	58
Principal Economic Status															
At work	66	72	75	77	84	7	5	4	5	3	27	23	21	19	14
Unemployed	48	46	60	63	74	12	8	8	8	5	40	46	32	30	21
Student	95	91	95	97	97	1	2	3	1	1	4	7	2	2	1
Home duties	28	44	41	47	57	11	7	7	7	6	61	49	52	46	37
Retired	28	32	30	35	43	6	5	4	7	6	66	63	65	58	51
Other	28	33	33	33	51	7	7	6	9	7	65	60	62	59	43
Region															
Border	43	53	48	56	64	11	8	8	9	7	47	39	44	36	28
Midland	46	58	61	60	74	8	6	2	4	2	46	36	37	35	25
West	52	53	59	69	74	11	8	6	4	3	37	39	35	27	23
Dublin	70	74	76	75	81	6	3	4	5	4	24	23	20	20	15
Mid-East	67	67	70	73	81	6	4	4	3	2	27	30	27	24	17
Mid-West	55	59	63	65	72	7	8	7	8	3	38	34	30	27	25
South-East	46	54	58	61	69	6	7	5	7	4	48	39	37	32	28
South-West	55	61	63	66	73	9	6	4	4	4	36	33	33	30	23
Type of Internet connection															
Broadband	88	87	87	86	89	2	3	2	3	2	10	10	11	11	9
Narrowband	71	74	74	78	85	7	6	5	5	4	22	20	21	16	12
No internet	26	24	22	20	20	12	9	9	11	11	62	67	69	69	69
Unknown internet	23	46	26	39	39	16	4	6	4	2	60	49	68	57	58
Household composition															
1 adult, no dependent children	44	47	50	51	59	6	5	4	8	5	50	48	46	41	36
2 adults no dependent children	55	56	60	62	68	5	5	4	5	4	39	38	36	34	28
3 or more adults no dependent children	61	68	67	71	77	6	5	4	3	2	33	27	28	26	21
1 adult with dependent children	52	62	66	69	81	19	7	6	9	11	30	31	28	22	8
2 adults with dependent children	66	72	75	79	87	10	6	6	5	3	24	22	19	16	10
3 or more adults with dependent children	58	65	71	75	80	7	6	5	5	3	35	28	25	21	17
Number of persons at work in the household															
0	29	35	39	46	57	10	5	6	7	6	62	60	54	47	36
1	55	60	64	70	75	8	7	5	6	4	37	34	31	25	21
2	69	73	78	80	87	6	5	4	4	2	25	21	19	16	10
3+	67	74	77	79	87	6	5	4	3	2	27	22	18	18	11

Note: Data are subject to sampling and other survey errors, which are relatively greater in respect of smaller values.

Note: Individuals represent all individuals aged 16-74.

Table 10 Individuals aged 18 and over classified by whether shopped on the internet or not 2007-2011

% of individuals

	Shopped within last 12 months					Shopped more than one year ago					Never shopped on the internet				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
State	33	36	37	36	43	4	3	3	6	8	62	61	60	57	49
Sex															
Male	35	36	37	36	43	5	3	3	7	8	60	61	59	57	49
Female	31	36	36	37	42	4	3	4	6	9	65	61	60	57	49
Age Group															
16-29	38	42	45	43	50	6	4	5	9	13	56	54	50	48	37
30-44	44	47	48	49	55	5	4	3	8	9	51	50	49	43	36
45-59	27	27	29	28	36	3	3	2	4	6	70	69	69	67	58
60-74	9	12	11	12	17	2	1	2	2	3	89	87	87	86	80
Principal Economic Status															
At work	43	44	48	47	54	5	4	3	7	9	52	53	49	46	37
Unemployed	19	15	29	27	30	6	4	4	9	10	75	80	66	63	59
Student	33	44	42	42	56	7	6	7	10	12	60	50	51	47	32
Home duties	15	20	18	21	26	2	3	2	4	6	83	77	79	75	68
Retired	15	19	14	16	23	2	2	3	2	4	82	79	83	82	73
Other	6	17	17	9	18	4	2	1	6	4	90	81	82	85	78
Region															
Border	19	26	22	26	31	5	3	3	5	10	76	71	74	70	59
Midland	23	29	28	27	40	4	3	5	3	9	73	68	67	70	51
West	28	23	35	40	48	3	4	5	6	4	69	73	60	54	48
Dublin	45	50	50	43	50	5	3	4	8	8	50	48	46	49	42
Mid-East	45	42	40	47	41	2	3	1	5	9	52	55	59	49	49
Mid-West	32	31	32	31	41	3	4	3	5	9	65	65	65	63	50
South-East	25	27	30	28	35	3	3	3	9	11	72	70	67	64	54
South-West	27	32	34	34	44	5	4	2	8	7	68	65	64	58	49
Type of Internet connection															
Broadband	57	57	54	50	54	5	4	4	8	10	38	40	42	43	37
Narrowband	39	33	34	34	43	5	5	3	5	10	56	62	63	61	47
No internet	12	9	7	6	6	3	2	3	3	3	85	88	91	91	92
Unknown internet	7	17	15	14	13	.	3	.	6	5	93	80	85	79	82
Household composition															
1 adult, no dependent children	29	28	28	26	33	4	3	3	7	6	66	69	69	68	61
2 adults no dependent children	34	36	37	35	41	4	2	3	7	7	62	62	60	58	52
3 or more adults no dependent children	31	37	37	36	44	4	4	3	7	8	66	59	60	57	48
1 adult with dependent children	24	28	25	29	37	8	3	3	6	9	68	69	72	65	54
2 adults with dependent children	42	43	46	48	51	5	4	3	6	11	53	53	50	45	37
3 or more adults with dependent children	26	32	33	33	40	3	3	5	6	9	71	66	62	61	51
Number of persons at work in the household															
0	12	15	14	16	24	3	2	3	5	7	85	82	83	79	69
1	32	34	36	37	41	4	3	4	8	8	64	63	60	55	51
2	43	44	49	49	58	5	4	3	7	9	52	52	47	44	32
3+	36	42	45	47	55	4	3	3	5	11	61	55	51	47	34

Note: Persons represent all individuals aged 18-74.

Note: Respondents were allowed to select multiple responses/reasons to the question where necessary.

Source: CSO ICT 2011 Household Survey or <http://cso.ie/shorturl.aspx/95>

Table 11 Percentage of individuals classified by type of purchases made online during the last 12 months, Quarter 1 2011 and individual characteristics

	% of individuals							
	Food and Groceries	Household goods	Medicine	Clothes/sports goods	Electronic equipment	Share purchases/financial services/insurance	Films/music	Books/magazines/newspapers/e learning material
State	3.6	8.3	1.6	17.5	13.1	5.4	14.3	14.5
Sex								
Male	3.0	7.3	1.5	14.0	18.0	5.6	16.6	14.1
Female	4.2	9.2	1.7	20.9	8.2	5.2	12.1	14.9
Age Group								
16-29	3.1	6.1	1.6	25.1	15.9	4.2	17.8	11.9
30-44	5.7	14.6	1.8	23.2	18.2	8.6	19.9	20.7
45-59	2.9	6.1	1.7	11.1	9.6	4.5	10.2	14.3
60-74	1.2	2.2	0.8	3.3	3.5	2.3	3.9	6.3
Principal Economic Status								
At work	4.6	11.9	1.9	22.3	17.8	8.1	20.1	20.2
Unemployed	2.3	4.5	1.1	10.5	10.3	3.4	6.6	7.3
Student	2.9	2.5	1.5	27.7	17.1	2.3	18.0	14.0
Home duties	3.4	6.7	1.2	12.7	4.9	1.7	7.3	7.6
Retired	1.6	3.0	1.4	3.7	5.8	3.8	6.2	9.9
Other	1.4	4.8	1.4	4.8	2.6	2.6	4.3	6.2
Region								
Border	1.0	6.6	1.2	14.4	7.8	3.8	8.2	9.1
Midland	0.8	3.5	1.6	14.7	14.6	3.4	12.3	8.9
West	2.4	8.5	0.8	18.0	13.8	4.9	10.7	11.9
Dublin	6.8	10.2	2.1	18.9	14.6	8.7	21.0	20.0
Mid-East	4.0	9.2	1.7	15.4	15.6	5.7	12.9	12.5
Mid-West	3.1	7.9	0.8	17.3	9.7	3.5	13.7	13.0
South-East	2.6	5.7	1.3	13.8	11.7	3.7	12.1	13.6
South-West	2.2	9.0	2.0	22.5	14.2	3.6	12.9	15.5
Highest education level attained								
Low education	0.6	2.5	0.5	6.2	4.3	1.3	4.1	3.3
Mid education	3.4	7.4	1.5	18.7	13.3	3.6	13.1	12.0
High education	7.0	15.4	2.8	27.8	22.1	11.9	26.6	29.3

Note: Data are subject to sampling and other survey errors, which are relatively greater in respect of smaller values.

Note: Individuals represent all individuals aged 16-74.

Note: Respondents were allowed to select multiple responses/reasons to the question where necessary.

Source: CSO ICT 2011 Household Survey <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Table 11 (contd) Percentage of individuals classified by type of purchases made online during the last 12 months, Quarter 1 2011 and individual characteristics

								% of individuals	
Video games software and upgrades	Other computer software and upgrades	Computer hardware	Telecommunication services	Holiday accommodation	Other travel arrangements	Tickets for events	Unweighted Sample		
2.7	6.2	8.0	4.0	27.6	30.1	26.6	5,891	State	
								Sex	
3.7	8.2	11.5	6.5	26.7	29.1	26.6	2,282	Male	
1.7	4.2	4.5	1.6	28.6	31.0	26.6	3,609	Female	
								Age Group	
3.1	8.5	8.2	3.9	27.6	29.6	30.7	784	16-29	
3.8	8.5	11.3	6.2	35.9	39.8	34.9	2,020	30-44	
2.1	4.1	6.8	3.5	25.8	27.9	22.7	1,716	45-59	
0.8	0.9	2.5	0.8	13.5	14.1	9.0	1,371	60-74	
								Principal Economic Status	
3.4	8.1	11.2	5.9	39.1	41.8	36.8	2,890	At work	
1.8	4.6	6.0	3.6	12.2	16.1	13.6	646	Unemployed	
4.7	9.7	9.0	3.9	25.7	28.0	35.5	224	Student	
1.0	2.8	2.4	0.7	16.0	17.5	12.3	1,218	Home duties	
1.5	1.8	3.1	1.4	17.9	17.6	13.4	609	Retired	
1.1	1.6	2.6	1.1	8.1	10.5	7.1	304	Other	
								Region	
0.7	4.1	5.4	1.6	14.8	16.5	15.8	580	Border	
1.8	4.1	4.7	2.2	25.0	29.8	22.5	293	Midland	
2.4	4.5	4.5	3.6	25.3	29.7	23.5	624	West	
3.5	8.1	11.1	6.6	39.5	41.1	37.6	1,302	Dublin	
2.9	5.6	10.7	3.7	26.0	30.2	27.0	497	Mid-East	
2.7	5.1	5.3	4.7	26.2	25.1	25.4	726	Mid-West	
2.5	6.6	7.2	3.3	19.1	19.8	16.1	842	South-East	
3.4	6.8	7.4	2.6	26.4	30.5	26.2	1,027	South-West	
								Highest education level attained	
0.4	1.8	1.8	1.2	8.8	9.3	6.7	2,041	Low education	
2.9	7.1	7.5	3.3	24.8	27.6	26.1	2,014	Mid education	
4.9	9.7	15.0	7.9	51.0	54.8	48.2	1,836	High education	

Note: Data are subject to sampling and other survey errors, which are relatively greater in respect of smaller values.

Note: Individuals represent all individuals aged 16-74.

Note: Respondents were allowed to select multiple responses/reasons to the question where necessary.

Source: CSO ICT 2011 Household Survey <http://cso.ie/shorturl.aspx/94> or <http://cso.ie/shorturl.aspx/95>

Table 12 Percentage of individuals that access the internet daily or weekly (excluding daily) classified by European country

% of individuals

Region	Frequency of Internet access: once a week (including every day)									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
EU-27	:	36	43	45	51	56	60	65	:	:
EU-15 ¹	38	41	46	49	55	60	64	69	:	:
Belgium	:	:	53	58	63	66	70	75	:	:
Bulgaria	:	13	:	22	28	33	40	42	:	:
Czech Republic	20	25	26	:	42	51	54	58	:	:
Denmark	64	70	73	78	76	80	82	86	:	:
Germany	44	50	54	59	64	68	71	74	:	:
Estonia	:	45	54	56	59	62	67	71	:	:
Greece	14	17	18	23	28	33	38	41	:	:
Spain	29	31	35	39	44	49	54	58	:	:
France	:	:	:	39	57	63	65	75	:	:
Ireland	25	27	31	44	51	57	60	63	71	71
Italy	25	26	28	31	34	37	42	48	:	:
Cyprus	:	28	26	29	35	35	45	50	:	:
Latvia	:	27	36	46	52	57	61	62	:	:
Lithuania	20	26	30	38	45	50	55	58	:	:
Luxembourg	48	59	63	65	72	77	83	86	:	:
Hungary	:	21	34	42	49	56	57	61	:	:
Malta	:	:	34	36	43	46	55	60	:	:
Netherlands	:	:	74	76	81	83	86	88	:	:
Austria	36	46	49	55	61	66	67	70	:	:
Poland	:	22	29	34	39	44	52	55	:	:
Portugal	22	25	28	31	35	38	42	47	:	:
Romania	:	10	:	18	22	26	31	34	:	:
Slovenia	:	33	40	47	49	52	58	65	:	:
Slovakia	:	40	43	43	51	62	66	73	:	:
Finland	58	63	62	71	75	78	79	83	:	:
Sweden	69	75	76	80	75	83	86	88	:	:
United Kingdom	46	49	54	57	65	70	76	80	:	:
Iceland	75	77	81	84	86	88	90	92	:	:
Norway	66	68	74	77	81	86	88	90	:	:
Croatia	:	:	:	:	32	39	44	51	:	:
FYR Macedonia	:	15	:	21	:	39	47	50	:	:
Turkey	:	11	12	:	23	28	30	33	:	:
Serbia	:	:	:	:	26	:	35	:	:	:

Source: Eurostat and national data.

Note: ¹ The EU-15 were the original 15 member states of the EU: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, Sweden and the United Kingdom.

Note: Individuals represent all individuals aged 16-74.

Table 13 Percentage of households with internet access classified by European country

% of households

Region	2003	2004	2005	2006	2007	2008	2009	2010	2011
EU-27	:	41	48	49	54	60	65	70	:
EU-15 ¹	43	46	53	54	59	64	68	73	:
Belgium	:	:	50	54	60	64	67	73	:
Bulgaria	:	10	:	17	19	25	30	33	:
Czech Republic	15	19	19	29	35	46	54	61	:
Denmark	64	69	75	79	78	82	83	86	:
Germany	54	60	62	67	71	75	79	82	:
Estonia	:	31	39	46	53	58	63	68	:
Greece	16	17	22	23	25	31	38	46	:
Spain	28	34	36	39	45	51	54	59	:
France	31	34	:	41	49	62	63	74	:
Ireland	36	40	47	50	57	63	67	72	78
Italy	32	34	39	40	43	47	53	59	:
Cyprus	:	53	32	37	39	43	53	54	:
Latvia	:	15	31	42	51	53	58	60	:
Lithuania	6	12	16	35	44	51	60	61	:
Luxembourg	45	59	65	70	75	80	87	90	:
Hungary	:	14	22	32	38	48	55	60	:
Malta	:	:	41	53	54	59	64	70	:
Netherlands	61	65	78	80	83	86	90	91	:
Austria	37	45	47	52	60	69	70	73	:
Poland	:	26	30	36	41	48	59	63	:
Portugal	22	26	31	35	40	46	48	54	:
Romania	:	6	:	14	22	30	38	42	:
Slovenia	:	47	48	54	58	59	64	68	:
Slovakia	:	23	23	27	46	58	62	67	:
Finland	47	51	54	65	69	72	78	81	:
Sweden	:	:	73	77	79	84	86	88	:
United Kingdom	55	56	60	63	67	71	77	80	:
Iceland	:	81	84	83	84	88	90	92	:
Norway	60	60	64	69	78	84	86	90	:
Croatia	:	:	:	:	41	45	50	56	:
FYR Macedonia	:	11	:	14	:	29	42	46	:
Turkey	:	7	8	:	20	25	30	42	:
Serbia	:	:	:	:	26	:	37	:	:

Source: Eurostat and national data.

Note: ¹ The EU-15 were the original 15 member states of the EU: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, Sweden and the United Kingdom.

Note: Private households represent all private households with at least one single occupant aged 16-74.

Table 14 ComReg fixed access paths and mobile subscriptions

	Q1 09	Q2 09	Q3 09	Q4 09	Q1 10	Q2 10	Q3 10	Q4 10	Q1 11	Q2 11	No.
Fixed access paths¹	2,033,884	2,003,180	1,963,988	1,951,974	1,928,504	1,908,055	1,882,799	1,857,506	1,826,854	1,809,083	
Mobile subscriptions including dedicated mobile broadband											
Mobile pre-paid subs	3,551,074	3,417,869	3,421,656	3,432,181	3,390,355	3,369,141	3,398,501	3,396,961	3,505,617	3,426,422	
Mobile post-paid subs	1,596,596	1,613,471	1,661,888	1,722,108	1,757,077	1,785,429	1,825,915	1,876,352	1,906,934	1,950,766	

¹ Total number of direct and indirect fixed PSTN and ISDN access paths. Individual ISDN lines may have multiple access paths.

Source: ComReg Quarterly Key Data Report Q2 2011 available at <http://www.comreg.ie>

Table 15 ComReg internet subscriptions

	Q1 09	Q2 09	Q3 09	Q4 09	Q1 10	Q2 10	Q3 10	Q4 10	Q1 11	Q2 11	No.
Internet subscriptions											
Cable	112,966	124,309	137,601	150,910	163,455	173,146	187,813	202,605	218,519	228,595	
DSL	679,578	687,870	696,641	714,016	724,268	729,892	732,331	733,756	729,890	728,742	
Fixed wireless access	105,366	102,872	94,115	88,261	85,474	83,510	78,835	74,293	75,529	78,299	
Other (fibre and satellite)	8,487	8,486	8,638	8,561	8,213	8,350	9,100	9,310	9,197	8,971	
Dedicated mobile broadband	344,966	362,255	400,285	449,792	490,093	508,620	540,546	571,839	591,368	583,755	
Narrowband (dial up and flat rate)	200,433	177,700	156,195	127,689	105,098	77,243	61,564	54,617	40,604	34,109	

Source: ComReg Quarterly Key Data Report Q2 2011 available at <http://www.comreg.ie>

Survey Methodology and Background Notes

Reference period

A module on Information communication technology (ICT) is included in the Quarterly National Household Survey (QNHS) in the three months from January to March each year (Quarter 1). The questionnaire asks questions about ICT activities for the reference period of twelve months prior to the interviews taking place.

Purpose of survey

The annual ICT Household survey by the QNHS contributes to the EU requirement under Regulation (EC) No 808/2004 of the European Parliament and of the Council of 21 April 2004 concerning Community statistics on the information society (OJ L143, 30.04.2004, p. 49).

The QNHS began in September 1997, replacing the annual April Labour Force Survey (LFS). The purpose of the survey is the production of quarterly labour force estimates and occasional reports on special social topics. The ICT Household questionnaire is conducted in Quarter 1 as part of the QNHS. The annual ICT household survey is one of the special module subjects that make up the ad hoc module surveys appended onto the main QNHS Labour Force Survey

Questionnaire

The ICT household questionnaire contains a wide variety of questions relating to the interaction of ICT with individuals in households. A model questionnaire designed by Eurostat is available in the appendix. The national version of the questionnaire is modified to allow the information to be gathered in face to face interviews within the QNHS framework.

Definitions of terms used

Automated Data Exchanges

Automated Data Exchanges between the enterprise and other ICT systems outside the enterprise means the exchange of messages (eg orders, invoices, payment transactions or description of goods):

- Via the internet or other computer networks
- In an agreed format which allows it automatic processing (eg XML, EDIFACT, etc.)
- Without the individual message being manually typed

Broadband

High-speed, always-on internet access running with a speed of greater than 128 Kbps. It is able to carry very large amounts of information.

Narrowband

In communications narrowband is traditionally used to describe transmission rates up to T1 speeds (1.544 Mbps). The term “narrowband” is regularly used to describe a slower or less powerful transmission signal used when accessing the internet.

Digital products or services

Goods/services that can be ordered and delivered directly to a computer over the internet, eg music, videos, games, computer software, online newspapers, consulting services, etc.

DSL Digital Subscriber Line

DSL technologies are designed to increase bandwidth available over standard copper telephone wires. Includes IDSL, HDSL, SDSL, ADSL, RADSL, VDSL, DSL-Lite and xDSL.

Electronic commerce (e-commerce)

Transactions conducted over IP-based networks and over other computer mediated networks. The goods and services are ordered over those networks, but the payment and ultimate delivery of the goods or service may be conducted on or off-line. Orders received via telephone, facsimile and non-interactive e-mails are not counted as electronic commerce.

Electronic Data Interchange (EDI)

Electronic exchange of forms, such as for orders, between geographically dispersed locations.

Extranet

A secure extension of an intranet that allows external users to access some parts of an organisation's intranet.

High Speed Downlink Packet Access (HSDPA)

High Speed Downlink Packet Access (HSDPA) is a 3G (third generation) mobile telephony communications protocol in High Speed Packet Access (HSPA) family, which allows networks based on Universal Mobile Telecommunications System (UMTS) to have higher data transfer speeds and capacity.

Information Technology (IT)

All aspects of managing and processing information with computers within companies.

Internet

Relates to IP-based networks: www, extranet over the internet, EDI over the internet and internet-enabled mobile phones.

Intranet

An internal company communications network using IP-based communications within an organisation.

ISDN

Integrated Services Digital Network.

LAN (Local Area Network)

This relates to a company's computer network, usually within an office, building or closed geographical area.

Mbps

Megabyte per second.

Modem

Device that converts outgoing digital signals from a computer to analogue signals which can be transmitted via conventional copper telephone line, and which converts incoming analogue signals to digital.

Online payment

An online payment is an integrated order-payment transaction.

Website

Location on the World Wide Web identified by a Web address. A collection of Web files on a particular subject that includes a beginning file call a homepage. Information is encoded with specific languages (HTML, XML, Java) readable with a Web browser, like Netscape's Navigator or Microsoft's Internet Explorer.

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 significance

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. Unless otherwise stated, changes and differences mentioned in the text have been found to be statistically significant at the 95% confidence level.

Urban/rural location

The country is divided up into 8 strata based on population density. These areas are further classified into urban and rural areas as follows:

Urban

- Cities
- Suburbs of cities
- Mixed urban/rural areas bordering on the suburbs of cities
- Towns and their environs with populations of 5,000 or over (large urban)
- Mixed urban/rural areas bordering on the environs of larger towns
- Towns and their environs with a population of 1,000 to 5,000 (other urban)

Rural

- Mixed urban/rural areas
- Rural areas

Population density

This classification is created from an aggregation of population density estimates derived from the Census of Population. The categories included in each aggregate are explained below:

Densely populated

- County boroughs
- Suburbs of county boroughs
- Mixed urban/rural bordering county boroughs

Intermediate populated

- Towns with populations greater than 5,000
- Mixed urban/rural areas bordering larger towns
- Towns with populations between 1,000 and 5,000

Thinly populated

- Mixed urban/rural areas bordering smaller towns
- Rural areas in counties
- Towns with populations less than 1,000

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.

Border, Midland and Western NUTS2 Region

Border Cavan
Donegal
Leitrim
Louth
Monaghan
Sligo

Midland Laois
Longford
Offaly
Westmeath

West Galway City
Galway County
Mayo
Roscommon

Southern and Eastern NUTS2 Region

Dublin Dublin
Dun Laoghaire-Rathdown
Fingal
South Dublin

Mid-East Kildare
Meath
Wicklow

Mid-West Clare
Limerick City
Limerick County
North Tipperary

South-East Carlow
Kilkenny
South Tipperary
Waterford City
Waterford County
Wexford

South-West Cork City
Cork County

Principal Economic Status classification

Results are also available using the Principal Economic Status (PES) classification which was used in the Labour Force Survey and the Census of Population. 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

Highest level of education received

This classification is derived from a single question and refers to educational standards that have been attained and can be compared in some measurable way and it is included in the core QNHS on an ongoing basis.

Low education	Up to lower secondary school
Mid education	Higher secondary to PLC
High education	Third level education or above

The question is phrased as follows:

What is the highest level of education or training you have attained?

QNHS 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 canvass of users (over 100 organisations) that was conducted by the CSO in 1996, 2002, 2006, 2008 and most recently 2011. The results of the canvass 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 and Information, Communication and Technology (ICT) Survey
Quarter 2	EU module (always covered under EU legislation)
Quarter 3	National module
Quarter 4	National module

The list below outlines the social modules published to date in the QNHS

Reference Quarter	Social Module
Q2 2011	Voter Participation
Q3 2010	Health
Q2 2010	Cross Border Shopping
Q2 2010	Educational Attainment
Q1 2010	Crime and Victimization
Q4 2009	Pensions
Q3 2009	Caring
Q2 2009	Union Membership
Q2 2009	Cross Border Shopping
Q3 2008	Lifelong Learning
Q1 2008	Pension Provision
Q4 2007	Childcare
Q3 2007	Health
Q2 2007	Union Membership
Q1 2007	Work-related Accidents and Illnesses (Q1 2003 – Q1 2007)
Q1 2007	ICT Household Survey
Q4 2006	Crime and Victimization
Q3 2006	Sport and Physical Exercise
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
Q2 2005	Educational Attainment
Q1 2005	Childcare
Q4 2004	Equality
Q3 2004	ICT Household Survey
Q2 2004	Union Membership
Q2 2004	Work Organisation and Working Time
Q4 2003	Crime and Victimization
Q3 2003	Housing
Q3 2003	ICT Household Survey

Due for release in 2012:

Q2 2011	Response of Households to Economic Downturn
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Appendix

Eurostat Model Questionnaire

**Community survey on
ICT usage in households and by individuals
2011
Eurostat Model Questionnaire (version 3.1)**

Module A Access to Information and Communication Technologies

Note : this module is directed to the household

A1 Do you or anyone in your household have access to a computer at home?
(any type: desktop, laptop, palmtop)

Yes
No

[-> go to A2]

A2 Do you or anyone in your household have access to the Internet at home, regardless of whether it is used? (by any device)

Yes..... [-> go to A3]
No [-> go to A4]
Don't know..... [-> go to B1]

A3 What types of Internet connection are used at home?
(tick all that apply)

- a) Modem (dial-up access over normal telephone line) or ISDN
- b) DSL (e.g. ADSL, SHDSL, VDSL, etc.)
- c) Other broadband connection (e.g. cable, UMTS, etc)
- of which:*
- c1) wired fixed (cable, fiber, Ethernet, PLC, etc)
- c2) fixed wireless (satellite, public WiFi, WiMax)
- c3) mobile connection (at least 3G, e.g. UMTS)
- (optional)** c4) mobile connection via at least 3G handset (UMTS, mobile WiMax, etc.)
- (optional)** c5) mobile connection via at least 3G modem (USB key, laptop card)
- d) Mobile narrowband connection (2G+/GPRS etc., used by
mobile phone or modem in laptop)

[-> go to B1]

A4 What are the reasons for not having access to the Internet at home?

(tick all that apply)

- a) Have access to Internet elsewhere
- b) Don't need Internet (because not useful, not interesting, etc.)
- c) Equipment costs too high
- d) Access costs too high (telephone, DSL subscription etc.)
- e) Lack of skills
- f) Privacy or security concerns
- g) Broadband internet is not available in our area
- h) Physical disability
- i) None of the above, but other

[-> go to B1]

Module B: Use of computers

Note: this and the following modules are directed to the individual selected within the household

B1 When did you last use a computer (at home, at work or any other place)? *(filter question)*

- Within the last 3 months [-> go to B2]
- Between 3 months and a year ago [-> go to C1]
- More than 1 year ago [-> go to C1]
- Never used one [-> go to C1]

B2 How often on average have you used a computer in the last 3 months?

(tick one)

- Every day or almost every day
- At least once a week (but not every day)
- At least once a month (but not every week)
- Less than once a month

[-> go to B3]

B3 Where have you used a computer in the last 3 months?

(tick all that apply)

OPTIONAL QUESTION

- a) At home
- b) At place of work (other than home)
- c) At place of education
- d) At another person's home
- e) Other (e.g. public library, hotel, airport, internet café, etc.)

[-> go to C1]

C1 When did you last use the Internet? (filter question)

- Within the last 3 months [-> go to C2]
- Between 3 months and a year ago [-> go to D1]
- More than 1 year ago [-> go to E1]
- Never used it [-> go to F1]

C2 On average how often did you use the Internet in the last 3 months?

(tick one)

- Every day or almost every day
- At least once a week (but not every day)
- At least once a month (but not every week)
- Less than once a month

[-> go to C3]

C3 Where have you used the Internet in the last 3 months (using a computer or any other means)?

(tick all that apply)

- a) At home
 - b) At place of work (other than home)
 - c) At place of education
 - d) At another person's home
 - e) At other places
- of which: (optional)
- e1) Public Library
 - e2) Post office
 - e3) Public office, town hall, government agency
 - e4) Community or voluntary organisation
 - e5) Internet Café
 - e6) Hotspot (at hotels, airports, public places etc.).....
 - e7) Other.....

[-> go to C4]

C4 Do you use any of the following mobile devices to access the Internet away from home or work?

(tick all that apply)

- a) Mobile phone (or smart phone).....
- if yes to a) a1) Mobile phone (or smart phone) via GPRS.....
- a2) Mobile phone (or smart phone) via UMTS, HSDPA etc. (at least 3G).....
- a3) Mobile phone (or smart phone) via public WiFi or WiMAX.....
- b) Portable computer (e.g. laptop)
- if yes to b) b1) via USB key or laptop card (using at least 3G mobile broadband, e.g. UMTS)
- b2) via public WiFi or WiMAX.....
- c) None of the above, but other.....
- d) I don't access the internet via any mobile device away from home or work.....

[-> go to C5]

C5 For which of the following activities did you use the Internet in the last 3 months for private purpose?

(tick all that apply)

Communication

- a) Participating in social networks (creating user profile, posting messages.....
or other contributions to facebook, twitter, etc.)

Access to information

- b) Reading or downloading online news / newspapers / news magazines
*if yes to b) b1) Have you subscribed to news services or products
to receive them regularly (including RSS)?*

Yes

No

- c) Seeking health-related information (e.g. injury, disease, nutrition, improving health, etc)
d) Looking for information about education, training or course offers
e) Finding information about goods or services
f) Downloading software (other than games software).....

Civic and political participation

- g) Reading and posting opinions on civic or political issues via websites
(e.g. blogs, social networks, etc.)
h) Taking part in on-line consultations or voting to define civic or political issues.....
(e.g. urban planning, signing a petition)

Learning

- i) Doing an online course (in any subject)
j) Consulting wikis (to obtain knowledge on any subject.....
(e.g. Wikipedia, an online encyclopaedia)

Professional life

- k) Looking for a job or sending a job application
l) Participating in professional networks (creating user profile, posting
messages or other contributions to LinkedIn, Xing, etc.)

Other on-line services

- m) Using services related to travel or travel related accommodation
n) Selling of goods or services, e.g. via auctions (e.g. eBay).....
o) Telephoning over the internet / video calls (via webcam) over the internet.....
p) Internet Banking.....

(optional)

(optional)

[-> go to D1]

Module D: Use of e-Government

(for respondents who didn't answer "more than 1 year ago" or "Never used it" in question C1)

D1 Did you interact with public authorities over the internet for private purposes in the last 12 months for the following activities ?

(tick all that apply)

- a) Obtaining information from public authorities' web sites
- b) Downloading official forms
- c) Sending filled in forms
if yes to c) (optional)
- c1) Have you sent filled-in forms for the purpose of tax declaration? Yes.....
 No.....

[if 'no' to category c) in D1, go to D2; otherwise go to question E1]

D2 What were the reasons for not sending filled-in forms to public authorities over the internet in the last 12 months?

(tick all that apply)

- a) Did not have to submit official forms at all.....
- b) There was no such website service available.....
- c) Technical failure of website during filling-in or sending the form.....
- d) Lack of skills or knowledge (e.g. did not know how to use website or use was too complicated).....
- e) Concerns about protection and security of personal data.....
- f) None of the above, but other.....

[If 'Yes' to a), go to question E1; if 'No', go to b) of question D2]

[-> go to E1]

Module E: Use of e-Commerce

(for respondents who didn't answer "Never used it" in question C1)

E1 When did you last buy or order goods or services for private use over the Internet (excluding manually typed e-mails) ?

(filter question)

- Within the last 3 months [-> go to E2]
- Between 3 months and a year ago [-> go to E2]
- More than 1 year ago [-> go to E5]
- Never bought or ordered [-> go to E5]

E2 What types of goods or services did you buy or order over the Internet for private use in the last 12 months?

(tick all that apply)

- a) Food or groceries
- b) Household goods (e.g. furniture, toys, etc)
- c) Medicine.....
- d) Films, music
- e) Books, magazines, newspapers (including e-books).....
- f) e-learning material.....
- g) Clothes, sports goods
- h) Video games software and -upgrades.....
- i) Other computer software and -upgrades.....
- j) Computer hardware
- k) Electronic equipment (incl. cameras)
- l) Telecommunication services (e.g. TV, broadband subscriptions, fixed line.....
or mobile phone subscriptions, uploading money on prepaid phone cards, etc)
- m) Share purchases, insurance policies and other financial services.....
- n) Holiday accomodation (hotel etc.).....
- o) Other travel arrangements (transport tickets, carhire, etc.).....
- p) Tickets for events
- q) Other

[if 'yes' to categories **d), e), f), h),i)** in **E2**, go to **E3**; otherwise go to question **E4**]

E3 Were any of the following products that you bought or ordered over the Internet downloaded or accessed from websites rather than delivered by post etc.?

(if 'yes' to d, e, f, h, i in question E2)

(tick all that apply)

- a) Films, music
- b) (Electronic) books, magazines, newspapers, e-learning material
- c) Computer software (incl. computer and video games and software upgrades)

[-> go to **E4**]

E4 From whom did you buy or order goods or services for private purpose over the Internet in the last 12 months?

(tick all that apply)

- a) National sellers.....
- b) Sellers from other EU countries.....
- c) Sellers from the rest of the world.....
- d) Country of origin of sellers is not known.....

[-> go to E5]

(for respondents who didn't answer "more than 1 year ago" in question C1)

E5 Did you place a bet (e.g. sports betting) or gamble or play lotto over the Internet in the last 12 months?

- Yes.....
- No.....

[-> go to F1]

Module F: E-Skills

F1 When did you last take a training course (of at least 3 hours) on any aspect of computer use?

(for respondents who didn't answer "Never used one" in question B1)

- Within the last 3 years [-> go to F3]
- More than 3 years ago [-> go to F2]
- Never taken one [-> go to F2]

F2 What are the reasons for not having taken a course on computer use within the last 3 years?

(tick all that apply)

- a) No need to take one because my computer skills are sufficient.....
- b) No need to take one because I rarely use computers
- c) Engagement in self-study or assistance from others.....

[If 'Yes' to category a) or b) or c), go to question F3 ; if 'No', go to category d) of question F2]

- d) Lack of time
- e) Course costs
- f) No suitable offer on content available
- g) None of the above

[-> go to F3]

F3 Which of the following computer related activities have you already carried out?

(tick all that apply)

(for respondents who didn't answer "Never used one" in question B1)

- a) Copying or moving a file or folder
- b) Using copy and paste tools to duplicate or move information within a document
- c) Using basic arithmetic formulas in a spreadsheet
- d) Compressing (or zipping) files
- e) Connecting and installing new devices, e.g. a modem
- f) Writing a computer program using a specialised programming language
- g) Transferring files between computer and other devices.....
(from digital camera or from/to mobile phone, mp3/mp4 player)
- h) Modifying or verifying the configuration parameters of software applications..... **(optional)**
(except internet browsers)
- i) Creating electronic presentations with presentation software (e.g. slides),
including e.g. images, sound, video or charts
- j) Installing a new or replacing an old operating system.....
- k) None of the above

[-> go to F4]

F4 Which of the following Internet related activities have you already carried out?

(tick all that apply)

(for respondents who didn't answer "Never used it" in question C1)

- a) Using a search engine to find information
- b) Sending e-mails with attached files (documents, pictures, etc.)
- c) Posting messages to chatrooms, newsgroups or an online discussion forum
(e.g. on websites for social networking)
- d) Using the Internet to make telephone calls
- e) Using peer-to-peer file sharing for exchanging movies, music, etc.
- f) Creating a web page
- g) Uploading text, games, images, films or music to websites
(e.g. to websites for social networking)
- h) Modifying the security settings of internet browsers
- i) None of the above

[-> go to F5]

F5 Where or how did you obtain your computer or internet skills?

(tick all that apply)

(for respondents who ticked at least one option (a to j) in question F3 or (a to h) in F4)

- a) Formal educational institution (school, college, university)
- if yes to a) and if respondent aged <35 years: **(optional)**
- a1) Primary or lower secondary schools
- a2) Upper secondary educational institution (schools for university entrance qualification or skilled posts)
- a3) Tertiary educational institution (e.g. university leading to BA, MA degrees, PhD).....
- b) Training courses in adult education center (but not on the initiative of your employer)
- c) Vocational training courses (on the demand of the employer)
- d) Self-study using books, cd-roms, online courses, wikis, online discussion forum etc.
- e) Self-study in the sense of learning-by-doing
- f) Informal assistance from colleagues, relatives, friends
- g) Some other way

[-> go to F6]

F6 Do you judge your current computer or internet skills to be sufficient?

(tick all that apply)

(for respondents who ticked at least one option (a to j) in question F3 or (a to h) in F4)

- | | Yes | No | Not applicable |
|---|--------------------------|--------------------------|--------------------------|
| a) If you were to look for a job or change job within a year..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b) To communicate with relatives, friends, colleagues over the internet..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c) To protect your personal data..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d) To protect your private computer from virus or other computer infection..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

[-> go to G1]

Socio-demographic background characteristics

G1 Age:
(in completed years)

G2 Sex: Man
 Woman

G3 Country of birth < description > < to be transmitted as native-born, foreign-born, for the latter also: born in another EU Member State, born in non-EU country,

G4 Country of citizenship < description > < to be transmitted into the categories nationals, non-nationals, for the latter: nationals of other EU Member State, nationals of non-EU country

G5 Legal marital status: Unmarried (i.e. never married)
OPTIONAL Married (including registered partnership)
 Widowed and not remarried (incl. widowed from registered partners.)
 Divorced and not remarried (including legally separated and dissolved registered partnership)

G6 De facto marital status: Person living in a consensual union (between unmarried partners)
OPTIONAL Person not living in a consensual union

G7 Educational level:
(tick only one)

Primary or lower secondary education, no formal education [[ISCED 0, 1 or 2]

No formal education [ISCED 0]

Primary education [ISCED 1]

Lower secondary education [ISCED 2]

Upper or post secondary education, but not tertiary [[ISCED 3 or 4]

Upper secondary education [ISCED 3]

Post secondary education but not tertiary [ISCED 4]

Tertiary education [[ISCED 5 or 6]

Tertiary education, first stage [ISCED 5]

Tertiary education, second stage [ISCED 6]

G8 Employment situation: Employee or self-employed (incl. family workers)
(tick only one) Unemployed
 Student (not in the labour force)
 Other not in the labour force
(retired, inactive, in compulsory military service, etc.)

G9 Occupation: < description >
< to be recoded into at least 2-digit ISCO-08 categories >

G10 Region of Residence < description **NUTS 1** >

G11 Region of Residence < description **NUTS 2** >

OPTIONAL

G12 Geographical location: "Convergence" region

"Regional competitiveness and employment" region

G13 Type of locality: Densely-populated area

Intermediate area

Thinly-populated area

G14 Number of members in the household:

G15 of which, number of children under 16:

G16 Household income: _____ <currency>

(average net monthly income)

 < to be recoded at least into size bands compatible with income quartiles >

OPTIONAL