



HRB Statistics Series 11

Annual Report of the National Physical and Sensory
Disability Database Committee 2009

Mary-Ann O'Donovan, Anne Doyle and Sarah Craig



Christopher Tarleton

In 2008 Christopher successfully completed a three year degree in Art Therapy through University College Dublin (UCD). Following this he began a project of paintings on the Harbour in Greystones Co Wicklow prior to its redevelopment. The completed paintings were exhibited at the Apollo Gallery in Dublin in late 2008.

In 2009 Christopher began exploring and using watercolours, Ink and Acrylic for a very different approach to his art. The faster Acrylic allows much more diverse possibilities in painting pictures where seasons, light and movement play a part.

"In 2010 I decided to look at old and new building and structures within Dublin and Co Wicklow. It was interesting and demanding as I also decided to focus on smaller canvas sizes, but try and build them up with as much imagery as possible without making the paintings confusing. The newer landmarks gave me the chance to capture the in different light, while the older established ones needed a different angle from what the viewer usually sees."

Works by Christopher were used as part of the 2010 Culture Day in Dublin, they are currently on display at the Joy of Cha Cafe, Temple Bar through to November 2010. He wishes to thank the National Physical and Sensory Disability Database

Committee for using his painting on the cover of this Report. He also acknowledges the continued support which IntroArt have given him in promoting his work. IntroArt is a registered charity whose aim are to improve access to arts, education, advice and advocacy for young people and adults with disability.



'Poolbeg 2010'
by Christopher Tarleton

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Published by:

Health Research Board

Produced by:

Health Research Board
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HRB Statistics Series ISSN: 2009-034x

Sub-series ISSN: 1649-7554

Copies of this report can be obtained from:

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An electronic version is available at
www.hrb.ie/publications



About the HRB

The Health Research Board (HRB) is the lead agency supporting and funding health research in Ireland. We also have a core role in maintaining health information systems and conducting research linked to these systems. Our aim is to improve people's health, build health research capacity, underpin developments in service delivery and make a significant contribution to Ireland's knowledge economy.

Our information systems

The HRB is responsible for managing five national information systems. These systems ensure that valid and reliable data are available for analysis, dissemination and service planning. Data from these systems are used to inform policy and practice in the areas of alcohol and drug use, disability and mental health.

The **HRB Statistics series** compiles data on problem alcohol and drug use, disability and mental health from a single point or period in time. Previous reports associated with this series are:

- Activities of Irish Psychiatric Units and Hospitals (1965–2008)
- National Physical and Sensory Disability Database Committee Annual Reports (2004–2008)
- National Intellectual Disability Database Committee Annual Reports (1996–2009)

The **Disability Databases Team** manages two national service-planning databases for people with disabilities on behalf of the Department of Health and Children: the National Intellectual Disability Database (NIDD), established in 1995, and the National Physical and Sensory Disability Database (NPSDD), established in 2002. These databases inform decision making in relation to the planning of specialised health and personal social services for people with intellectual, physical or sensory disabilities.



Statistics Series publications to date

Tedstone Doherty D, Walsh D, Moran R and Bannon F (2007) *High support community residences census 2006*. HRB Statistics Series 1. Dublin: Health Research Board.

Kelly F, Kelly C and Craig S (2007) *Annual report of the National Intellectual Disability Database Committee 2007*. HRB Statistics Series 2. Dublin: Health Research Board.

O'Donovan MA, Doyle A and Craig S (2007) *National Physical and Sensory Disability Database Committee annual report 2007*. HRB Statistics Series 3. Dublin: Health Research Board.

Daly A, Walsh D and Moran R (2007) *Activities of Irish psychiatric units and hospitals 2006*. HRB Statistics Series 4. Dublin: Health Research Board.

Daly A, Walsh D and Moran R (2009) *Activities of Irish psychiatric units and hospitals 2007*. HRB Statistics Series 5. Dublin: Health Research Board.

Kelly F, Kelly C and Craig S (2009) *Annual report of the National Intellectual Disability Database Committee 2008*. HRB Statistics Series 6. Dublin: Health Research Board.

Daly A and Walsh D (2009) *Activities of Irish psychiatric units and hospitals 2008*. HRB Statistics Series 7. Dublin: Health Research Board.

Kelly F, Kelly C and Craig S (2010) *Annual report of the National Intellectual Disability Database Committee 2009*. HRB Statistics Series 8. Dublin: Health Research Board.

Daly A and Walsh D (2010) *Activities of Irish psychiatric units and hospitals 2009*. HRB Statistics Series 9. Dublin: Health Research Board.

Doyle, A, O'Donovan, MA and Craig S (2009) *National Physical and Sensory Disability Database Committee Annual Report 2008*. HRB Statistics Series 10. Dublin: Health Research Board.



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Chairperson's statement

I would like to introduce the 2009 Annual Report from the National Physical and Sensory Disability Database.

The National Physical and Sensory Disability Database was set up in 2002 to provide information on the service needs of people with a physical/sensory disability to the Department, the Health Service Executive and voluntary organisations.

This years report provides a profile of the 26,169 people registered on the database and provides details of both the existing level and the future requirements of specialised health and personal social services for this group.

A lot has happened since the database was introduced in 2002. Recent years have seen unprecedented investment in disability services. However, we now live in a different economic reality. The Department is currently undertaking an in-depth review of Disability Services which will assess how well current services for people with disabilities meet their objectives. The review will support the future planning and development of services in a new policy and value for money imperative. Information provides a foundation for the development of policies and will be vital to decision making in relation to resource allocation. The Department in conjunction with the HSE, HRB and service providers is committed to identifying the information needs of all stakeholders in the disability sector.

I would like to acknowledge the ongoing work of the database committee members and of those who are involved in sub-committees. I would also like to thank the staff of the Disability Database Team in the Health Research Board whose responsibility it was to draft this report on behalf of the Committee.

Colm Desmond

Chairperson

National Physical and Sensory Disability Database Committee



Introduction

The objective of the National Physical and Sensory Disability Database (NPSDD) is to provide an overview of the specialised health and personal social service needs of people with a physical, sensory and/or speech and language disability. This report is based on monitoring current service provision and future service requirements over a five year period as well as a demographic profile of those on the NPSDD.

In December 2009 there were 29,749 people registered on the NPSDD. For the purposes of analysis for this report, people aged 66 years or over at the time of reporting (3,580 records) were excluded as responsibility for the provision of services for this group lies within the Office for Older People in the Department of Health and Children (DoHC) and the Health Service Executive (HSE) rather than within the Office for Disability and Mental Health. The analysis in this document is based on the remaining 26,169 records.

For an individual to be eligible to register on the NPSDD he/she must meet all five registration criteria. Information is collected from people with a physical and/or sensory disability who are receiving or who need a specialised health or personal social service currently or within the next five years and who:

1. have a persistent physical or sensory disability arising from disease, disorder or trauma;
2. in the case of dual disability, have a predominant disability that is physical or sensory;
3. are less than 66 years of age;
4. are receiving, or require, a specialised health or personal social service which is related to their disability;

AND

5. have consented to being included on the Database.

The format and content of this report differs to previous NPSDDC Annual Report publications. It is the first time that the Measure of Activity and Participation (MAP) data are presented in the Annual Report. Tables have been reconfigured to include future enhanced need which has not been reported previously. In addition, the year in which the service is required has been replaced by two categories – immediate need and need in the five-year period ‘2010-2014’. Data are also presented in a variety of formats – tables, figures, maps to allow for greater ease of interpretation. We thank Mr Conor Teljeur of the Small Area Health Research Unit in Trinity College Dublin for inserting the county boundaries to the map used.

When interpreting the data contained in this report, it is important to note the following:

- The primary focus of the NPSDD is to facilitate service planning and provision; it also aims to record the details of people availing of, or requiring, a specialised health and personal social service.
- As not every individual in Ireland who has a physical or sensory disability is availing of, or requiring a specialised health and personal social service, the NPSDD cannot provide any definitive epidemiological statement on the number of people with a particular type of disability or diagnosis.
- Participation in the NPSDD is voluntary; the Database does not, therefore, cover a proportion of people living in Ireland who have a physical or sensory disability and who have opted not to be registered on the NPSDD.
- The data contained in this report represents the situation in December 2009. Because progress towards achieving target coverage for the NPSDD is uneven for several groups and areas, these data cannot give a comprehensive picture of service use and service need. However, they are an important indication of the pattern of current service use and possible future need.
- As this report is a planning tool for disability service planners and providers, it does not include those who were aged 66 years or over at the time of reporting. As noted above, responsibility for service provision for these individuals lies with the Office for Older People in the DoHC and HSE rather than with the Office for Disability and Mental Health. This continues to pose a challenge for coherent and consistent service delivery as the number of people with disabilities who are over 65 years increases annually; currently one third of people with disabilities are aged over 65 years (Central Statistics Office (2007) Census of Population 2006).

- Rates of review/update by the lead agency at present are lower than anticipated and some of the data have not been updated annually as recommended for the Database. This then impacts on the quality of the data and its potential accuracy. This is currently being addressed by the DoHC and the HSE.

An extensive validation of the data was undertaken to ensure that the data were as accurate as possible. In addition, there has been increased focus on the review and update of information. Some changes in the data may be noted. For example, there is a drop in the overall number of people registered on the Database. This is a direct result of the review and update work as some people may no longer meet the registration criteria upon review.

Current use of NPSDD

The NPSDD continues to be a very valuable source of information on the needs of people with physical and sensory disability. There is no other national source of information of this kind in Ireland. Requests for information from various sources have been facilitated throughout the year:

- DoHC and DFin request for information for Value for Money Review of Disability Services and Policy
- DoHC National Children's Office request for data for National Data and Research Strategy on Childrens' Lives
- DoHC Information Unit request for latest figures for Annual Report
- Department of Environment and Local Government request for data for the National Housing Strategy for People with Disability
- Requests by the NDA for disability information
- HSE regional and LHO requests on an on-going basis. These can usually be facilitated directly from HSE regional database teams
- Researchers use the data to provide context to their research study.
- Other requests include county council request for data to inform service planning for specific sports services in the community.

Requests for information are considered by the NPSDD Committee. The request for information form and instructions for submitting requests are available on the HRB website (www.hrb.ie).

Future developments of NPSDD

There are a number of developments underway to ensure a more complete and accurate picture of service use and needs for people with a physical, sensory and/or speech and language disability.

(a) Specialised Hospital Services Questions

Following from a working session on the type of specialised services included on the NPSDD which took place in 2008 and which included input from a range of stakeholders – HSE, DoHC, HRB, non statutory service providers, disability organisation representative bodies – it was agreed by the NPSDDc to introduce a new question onto the form. This new question would aim to capture the specialised hospital services currently accessed or required. It was felt that the current listing of services did not fully represent the gamut of specialised services used and needed by people with disabilities. For some condition specific groups, the specialised services required are hospital based services, for example, for neurology, as is often the case in conditions like Epilepsy. The format and content of the question has been agreed and it is envisaged that this will be included on the NPSDD by 2011.

(b) Direct access to the NPSDD by non-statutory service providers

In 2009 the work continued on enabling physical and sensory non statutory service providers to access the NPSDD system directly. This means that agencies complete the interviews, input the data directly to the system (as opposed to sending to the HSE for input as would historically have been the case) and access the reporting modules of the system so that NPSDD information on their clients is available to inform service planning and provision at agency level. The pilot introduced major software changes to allow agency level access to the system. Work has continued and the project is now in phase II of the pilot. This is based on the NIDD model of data return and management which has proved very successful. It is envisaged that service provider involvement at this level will increase representation of client groups on the NPSDD, aid the improvement of data quality with more frequent update and review of data and inform planning and provision of services at provider level as well as regional and national HSE level.



Executive summary

Gender and age

Males accounted for a higher percentage of registrations than females. A total of 13,863 males (53.0%) and 12,306 females (47.0%) were registered. Over two thirds of all registrations were adults (18,126, 69.3%) and just under one-third were children (under 18 years at the time of reporting) (8,043, 30.7%).

Living accommodation and arrangements

The living arrangements of NPSDD registrations can be summarised as follows:

- 22,396 people (85.6%) lived with family members.
- 2,516 people (9.6%) lived alone.
- 120 people (0.5%) lived with foster families.
- 200 people (0.8%) lived with non-relatives.
- 764 people (2.9%) lived in full-time residential services.
- 169 people (0.6%) described their living arrangements as 'other'.

The 26,169 people registered on the Database described their type of living accommodation as follows:

- 19,740 people (75.4% of all registrations) were in private accommodation.
- 5,474 people (20.9%) were in rented accommodation.
- 764 people (2.9%) were in full-time residential services.
- 187 people (0.7%) were in mobile homes or caravans, were homeless or described their living accommodation as 'other'.

Primary carer

More than half the people registered on the NPSDD, (15,104, 57.7%) reported that they had a primary carer. The majority of primary carers were aged between 19 and 70 years (14,687, 97.2%); 32 (0.2%) were 18 years of age or under, and 378 (2.5%) were aged over 70 years.

Type of disability

The most frequently reported types of disability were:

- Physical disability (15,442 people, 59.0%)
- Hearing loss/deafness (1,575 people, 6.0%)
- Visual disability (1,355 people, 5.2%)
- Speech and language (2,565 people, 9.8%)
- Multiple disabilities (5,231 people, 20.0%).

Service provision in 2009

Service provision to those registered on the NPSDD in December 2009 may be summarised as follows:

21,891 people with a physical and/or sensory disability were in receipt of therapeutic intervention and rehabilitation services; this group represents 83.7% of all NPSDD registrations.

- 7,477 people (28.6%) were in receipt of personal assistance and support services.
- 13,812 people (52.8%) were in receipt of day services and activities.
- 894 people (3.4%) were availing of residential services.
- 2,697 people (10.3%) were availing of planned respite services and 282 people (1.1%) had used emergency respite services in the twelve-month period prior to their NPSDD interview.
- 17,109 people (65.4%) were using at least one technical aid or appliance.

Service requirements 2010–2013

The service requirements of those registered on the NPSDD in December 2009 may be summarised as follows:

Therapeutic intervention and rehabilitation services

- 13,263 people (50.7%) required assessment for therapeutic intervention and rehabilitation services.
- 1,801 people (6.9%) were assessed and placed on a waiting list for these services.
- 113 people (0.4%) were assessed but were unable to avail of these services for a variety of reasons.

- 5,308 people (20.3%) needed an enhancement to these services¹.

Personal assistance and support services

- 6,121 people (23.4%) required assessment for personal assistance and support services.
- 340 people (1.3%) had been assessed and wait-listed for personal assistance and support services.
- 73 people (0.3%) were assessed but were unable to avail of these services for a variety of reasons.
- 1,118 people (4.3%) needed an enhancement to these services.

Day services or activities

- 3,159 people (12.1 %) were not availing of day services or activities, but required such supports
- 4,080 people (15.6%) who were availing of day services or activities require some change or alternative to their existing services.

Residential services

- 692 people (2.6%) registered on the NPSDD were not availing of residential services but required these supports.
- 199 people (0.8%) were availing of residential services and needed some change or alternative to their existing services.

Respite services

- 3,849 people (14.7%) required assessment for respite services.
- 156 people (0.6%) had already been assessed and were wait-listed for respite services.
- 55 people (0.2%) had been assessed as requiring a respite service but were unable to avail of the service for a variety of reasons.
- 781 people (3.0%) needed an enhancement to these services.

¹ When interpreting the tables included in this report please note that:
'Use of service' refers to services the individual is currently receiving
'Unmet need' refers to future requirement for services over the next 5 years
'Enhanced service' refers to a situation where an individual is currently receiving a service but needs some change in that service in the future

Technical aids and appliances (TAAs)

- 8,722 people (33.3%) required at least one technical aid or appliance.

The various services listed above are required by individuals in the course of the period 2010–2014, though most service needs arise immediately.



Profile of population

Table 1 Number of people registered in the regional health areas of the Health Service Executive

	n	% of 26169
Dublin Mid-Leinster	8300	31.7
South	7545	28.8
West	7152	27.3
Dublin North East	3172	12.1
Total	26169	100.0

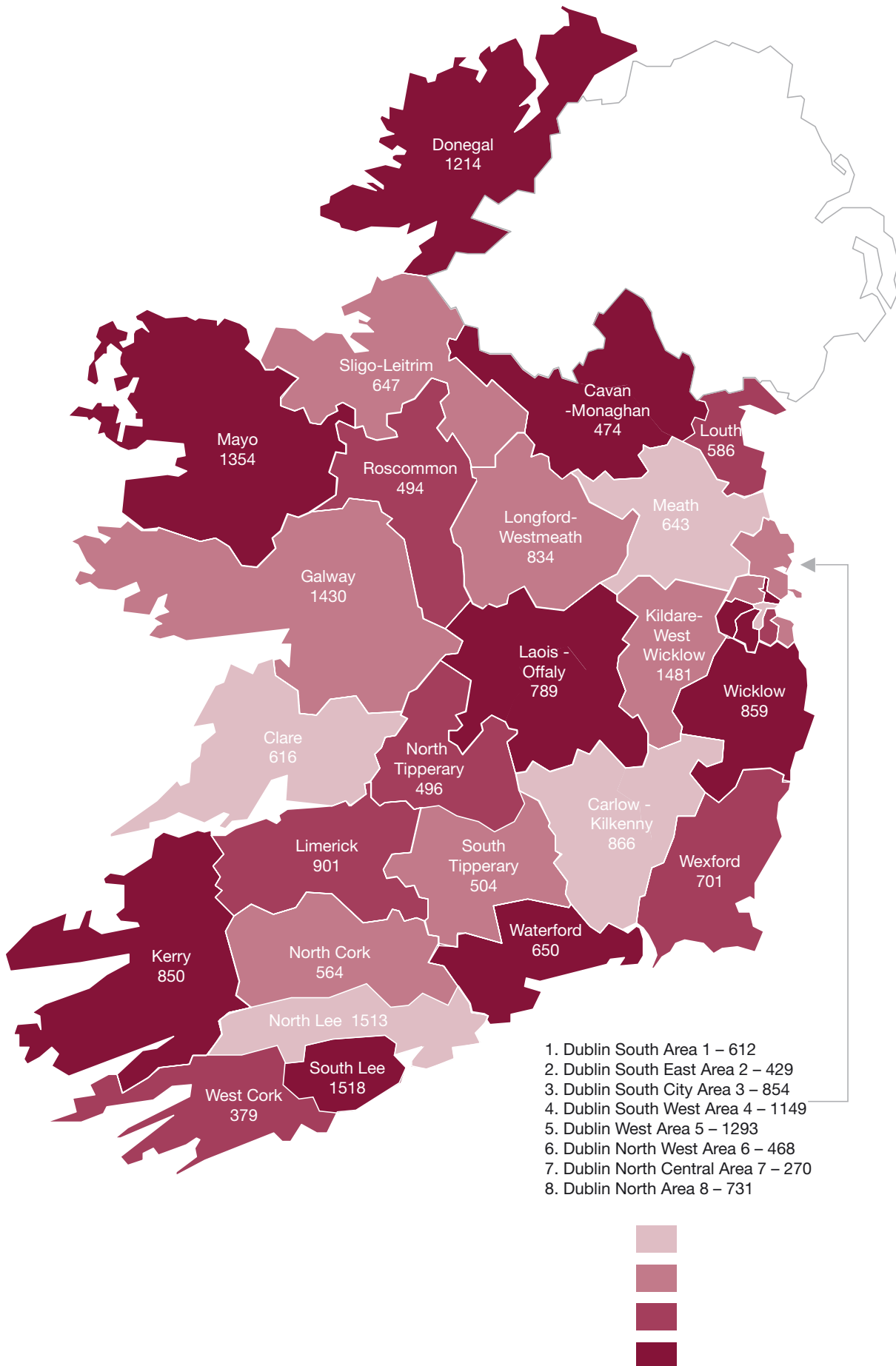


Figure 1 Number of people registered in the Local Health Offices (LHO) of the Health Service Executive



Table 2 Age group and gender

	Female		Male		Total	
	n	% of 12306	n	% of 13863	n	% of 26169
0-4 years	210	1.7	300	2.2	510	1.9
5-12 years	1766	14.4	3028	21.8	4794	18.3
13-17 years	1040	8.5	1699	12.3	2739	10.5
Under 18 years	3016	24.5	5027	36.3	8043	30.7
18-24 years	1069	8.7	1302	9.4	2371	9.1
25-39 years	1789	14.5	1832	13.2	3621	13.8
40-59 years	4506	36.6	3877	28.0	8383	32.0
60-65 years	1926	15.7	1825	13.2	3751	14.3
18 years and over	9290	75.5	8836	63.7	18126	62.3
Total	12306	100.0	13863	100.0	26169	100.0

Table 3 Type of living accommodation

	n	% of 26165*
Private accommodation	19470	74.4
Private accommodation: adapted	4227	16.2
Private accommodation: not adapted	15513	59.3
Rented accommodation	5474	20.9
Rented accommodation: adapted – County Council	1248	4.8
Rented accommodation: adapted – private housing	186	0.7
Rented accommodation: adapted – housing association	148	0.6
Rented accommodation: not adapted – County Council	2886	11.0
Rented Accommodation: not adapted – private housing	851	3.3
Rented Accommodation: not adapted – housing association	155	0.6
Full-time residential service	764	2.9
Full-time residential service	764	2.9
Other	187	0.7
Mobile home/caravan	82	0.3
Homeless	10	0.0
Other	95	0.4
Total	26165*	100.0

*Four people did not provide a response

Table 4 Type of living arrangements

	n	% of 26165*
Living alone	2516	9.6
Living with family	22396	85.6
With husband, wife or partner and no children	2475	9.5
With husband, wife or partner and children	5068	19.4
With one parent	1600	6.1
With both parents	2939	11.2
With parent(s) and sibling(s)	8766	33.5
With sibling(s)	436	1.7
With son(s)/daughter(s)	893	3.4
With other family relative(s)	219	0.8
Living with non-family	1804	4.1
With non-relative(s) (e.g. friends, neighbours)	200	0.8
In full-time residential service	764	2.9
With foster family	120	0.5
Other	169	0.6
Total	26165*	100.0

*Four people did not provide a response

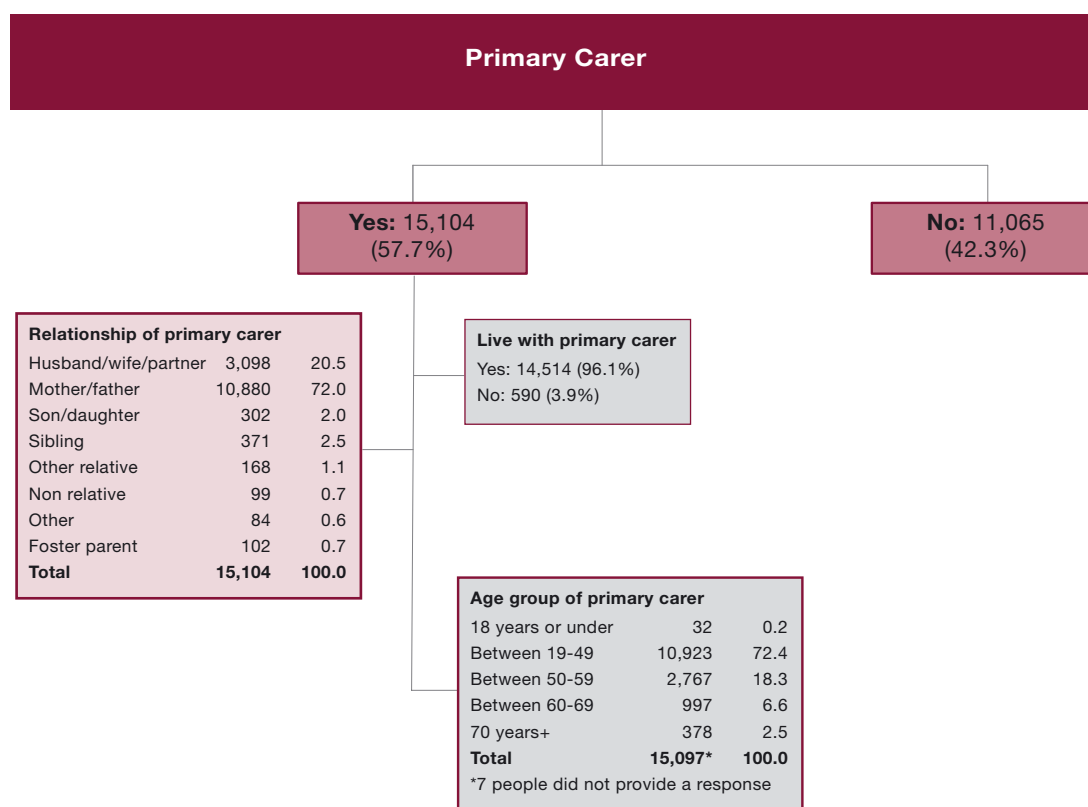
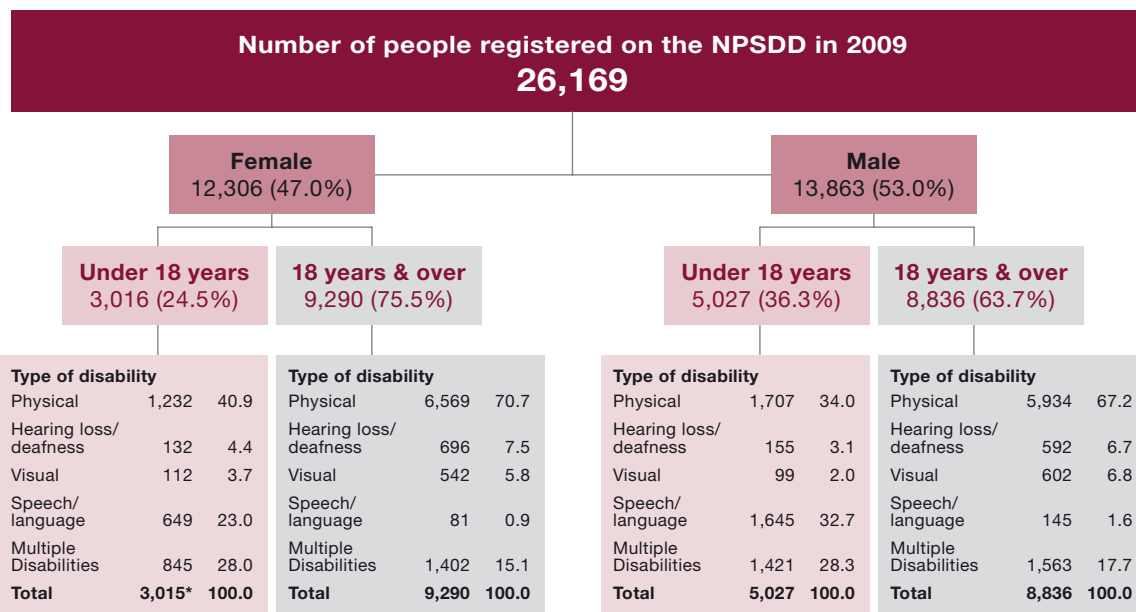


Figure 2 Relationship and age group of primary carer



*1 person (female under 18 years) did not report type of disability

Figure 3 Type of disability by age group and gender

Table 5 Primary diagnostic ICD 10 categories by age group

	Primary Diagnostic Category					
	Under 18 years		18 and over		All ages	
	n	%	n	%	n	%
Nervous system	1833	22.8	8694	48.0	10527	40.2
Musculo-skeletal system	419	5.2	2986	16.5	3405	13.0
Communication	3205	39.9	389	2.1	3594	13.7
Intellectual/Developmental	212	2.6	24	0.1	236	0.9
Behavioural	41	0.5	30	0.2	71	0.3
Ear complaints	579	7.2	1745	9.6	2324	8.9
Endocrine and metabolic	222	2.8	915	5.0	1137	4.3
Eye complaints	266	3.3	1434	7.9	1700	6.5
Respiratory system	400	5.0	588	3.2	988	3.8
Congenital	475	5.9	167	0.9	642	2.5
Circulatory system	168	2.1	410	2.3	578	2.2
Infectious and parasitic	9	0.1	273	1.5	282	1.1
Neoplasms	41	0.5	155	0.9	196	0.7
Digestive system	54	0.7	108	0.6	162	0.6
Genito-urinary system	37	0.5	96	0.5	133	0.5
Blood and blood forming organs	58	0.7	45	0.2	103	0.4
Skin disease or disorders	22	0.3	67	0.4	89	0.3
Total	8041*	100.0	18126	100.0	26167*	100.0

*Two people did not provide a response for primary diagnostic category

Table 6 Primary diagnostic ICD-10* categories

	Overall total	
	n	% of 26167**
Nervous system	10527	40.2
Multiple sclerosis	2634	10.1
Cerebral palsy	2026	7.7
Stroke hemiplegia	1075	4.1
Head injury	762	2.9
Epilepsy	556	2.1
Spina bifida	493	1.9
Spinal injury	425	1.6
Spina bifida and hydrocephalus	383	1.5
Muscular dystrophy	283	1.1
Unspecified /Other nervous system diagnostic category	285	1.1
Paralytic syndromes paraplegia	251	1.0
Parkinsons disease and related disorders	209	0.8
Friedreichs ataxia or cerebellar ataxia	186	0.7
Hydrocephalus	148	0.6
Paralytic syndromes quadraplegia	117	0.4
Paralytic syndromes Erbs palsy	105	0.4
Neuropathy	86	0.3
Dystonia	67	0.3
Motor neurone disease	58	0.2
Meningitis	48	0.2
Other demyelinating diseases of the central nervous system	45	0.2
Myalgic encephalomyelitis	42	0.2
Guillain-Barre syndrome	37	0.1
Paralytic syndromes diplegia	34	0.1
Huntingtons chorea	33	0.1
Alzheimers disease and other cerebral degenerations	28	0.1
Encephalitis	26	0.1
Myelitis	21	0.1
Myopathy	20	0.1
Myasthenia gravis	17	0.1
Paralytic syndromes monoplegia	14	0.1
Mononeuritis	7	0.0
Myelopathies	6	0.0
Musculo-skeletal system	3405	13.0
Rheumatoid arthritis	670	2.6
Absence or loss of extremity including double amputation	438	1.7
Osteo-arthritis	398	1.5

- 2 Rheumatism and rheumatoid arthritis are listed separately in this table despite the fact that the term 'rheumatism' is no longer a recognised diagnosis in medical terms. From 2008, any individual who specifies their diagnosis as 'rheumatism' is asked to clarify the type of arthritis they have been diagnosed with.



Table 6 Primary diagnostic ICD-10* categories (*continued*)

	Overall total	
	n	% of 26167**
Back problems	367	1.4
Arthritis (other than osteo or rheumatoid)	248	0.9
Unspecified/Other musculo-skeletal diagnostic category	230	0.9
Permanent injury to upper/lower limb	225	0.9
Deformities malformations	159	0.6
Hip problems	113	0.4
Scoliosis/curvature of spine	109	0.4
Arthrogryposis	71	0.3
Osteoporosis	63	0.2
Dwarfism	58	0.2
Rheumatism ²	56	0.2
Connective tissue disorder	52	0.2
Osteodystrophies	52	0.2
Knee problems	30	0.1
Muscular atrophy	30	0.1
Other permanent injuries (incl. skin graft)	25	0.1
Osteomyelitis	11	0.0
Communication	3594	13.7
Specific speech and language disorder	1781	6.8
Speech problems	680	2.6
Dyspraxia	489	1.9
Language problems	366	1.4
Dyslexia	158	0.6
Disfluency	71	0.3
Dysphasia	17	0.1
Developmental coordination disorder	15	0.1
Dysphonia	11	0.0
Dysphagia	5	0.0
Unspecified/Other communication diagnostic category	1	0.0
Intellectual/developmental	236	0.9
Developmental delay	194	0.7
Sensory integration dysfunction/sensory processing disorder	24	0.1
Intellectual disability	13	0.0
Persistent vegetative state	5	0.0
Behavioural	71	0.3
Attention deficit disorder	26	0.1
Autistic spectrum disorder	24	0.1
Tourettes syndrome	9	0.0
Depression	5	0.0
Unspecified/Other behavioural diagnostic category	7	0.0

Table 6 Primary diagnostic ICD-10* categories (*continued*)

	Overall total	
	n	% of 26167**
Ear complaints	2324	8.9
Congenital deafness	945	3.6
Conductive deafness	396	1.5
Deafness not specified elsewhere	392	1.5
Sensorineural deafness	308	1.2
Unspecified/Other ear complaint diagnostic category	221	0.8
Tinnitus	48	0.2
Menieres disease	14	0.1
Endocrine and metabolic	1137	4.3
Diabetes	851	3.3
Metabolic disorders	137	0.5
Unspecified/Other endocrine metabolic diagnostic category	49	0.2
Immunity disorders	39	0.1
Other endocrine disorders	32	0.1
Disorders of thyroid gland	20	0.1
Osteomalacia rickets	9	0.0
Eye complaints	1700	6.5
Blindness/low vision not specified elsewhere	382	1.5
Congenital blindness	237	0.9
Retinosa pigmentosa	234	0.9
Congenital anomalies of the eye	212	0.8
Unspecified/Other eye complaint diagnostic category	200	0.8
Blindness caused by diabetes	104	0.4
Glaucoma	93	0.4
Retinal detachment	68	0.3
Cataracts	63	0.2
Macular degeneration	55	0.2
Retinopathy	36	0.1
Visual disturbances	16	0.1
Respiratory system	988	3.8
Cystic fibrosis	640	2.4
Asthma	149	0.6
Bronchitis/emphysema	122	0.5
Unspecified/Other respiratory system diagnostic category	52	0.2
Lung disease due to external agents (aspiration pneumonia)	25	0.1
Congenital	642	2.5
Cleft lip and/or palate	235	0.9
Other congenital anomalies	165	0.6
Chromosomal anomalies (incl. Downs syndrome & Larsons syndrome)	133	0.5
Unspecified/Other congenital diagnostic category	109	0.4



Table 6 Primary diagnostic ICD-10* categories (*continued*)

	Overall total	
	n	% of 26167**
Circulatory system	578	2.2
Congenital heart disease	194	0.7
Cerebrovascular disease (includes sub arachnoid haemorrhage)	131	0.5
Coronary artery disease	73	0.3
Unspecified/Other circulatory system diagnostic category	69	0.3
Hypertensive disease	51	0.2
Peripheral vascular disease	26	0.1
Ischaemic heart disease	15	0.1
Angina	13	0.0
Varicose veins incl varicose ulcers	6	0.0
Infectious and parasitic	282	1.1
Polio	253	1.0
HIV	12	0.0
Toxoplasmosis	8	0.0
Unspecified/Other infectious parasitic diagnostic category	9	0.0
Neoplasms	196	0.7
Neoplasms	196	0.7
Digestive system	162	0.6
Liver problems (incl Hepatitis B and/or C)	39	0.1
Crohns disease	37	0.1
Intestinal problems	30	0.1
Unspecified/Other digestive system diagnostic category	28	0.1
Oesophagus, stomach and duodenum problems	16	0.1
Irritable bowel syndrome	6	0.0
Coeliac disease	6	0.0
Genitourinary system	133	0.5
Kidney disease or renal failure	103	0.4
Unspecified/Other genito-urinary system diagnostic category	30	0.1
Blood and blood forming organs	103	0.4
Blood and blood forming organs	103	0.4
Skin disease or disorders	89	0.3
Erythematosis conditions	45	0.2
Unspecified skin disease/disorder diagnostic category	33	0.1
Dystrophic epidermolysis bullosa	11	0.0
TOTAL	26167*	100.0

*The diagnostic categories used in this table are based on a modification of the International Classification of Diseases (ICD-10), World Health Organization (WHO), (1992), 10th Revision (Version for 2003)

**Two people did not provide a response for primary diagnostic category

Table 7 Secondary diagnostic ICD 10 categories by age group

	Secondary Diagnostic Category					
	Under 18 years		18 and over		All ages	
	n	%	n	%	n	%
Nervous system	312	3.9	1151	6.4	1463	5.6
Musculo-skeletal System	103	1.3	1517	8.4	1620	6.2
Communication	1049	13.0	450	2.5	1499	5.7
Intellectual/Developmental	258	3.2	144	0.8	402	1.5
Behavioural	361	4.5	402	2.2	763	2.9
Ear complaints	158	2.0	419	2.3	577	2.2
Endocrine and metabolic	54	0.7	888	4.9	942	3.6
Eye complaints	176	2.2	530	2.9	706	2.7
Respiratory system	261	3.2	455	2.5	716	2.7
Congenital	72	0.9	40	0.2	112	0.4
Circulatory system	56	0.7	593	3.3	649	2.5
Infectious and parasitic	2	0.0	30	0.2	32	0.1
Neoplasms	7	0.1	107	0.6	114	0.4
Digestive system	52	0.6	253	1.4	305	1.2
Genito-urinary system	33	0.4	142	0.8	175	0.7
Blood and blood forming organs	7	0.1	33	0.2	40	0.2
Skin disease or disorders	27	0.3	66	0.4	93	0.4
Not Applicable	5055	62.8	10903	60.3	15958	61.0
Total	8043	100.0	18123*	100.0	26166*	100.0

*Three people did not provide a response for secondary diagnostic category



Therapeutic and rehabilitation services

Table 8 Use of therapeutic intervention and rehabilitation services by age group

	Under 18		18 and over		All ages	
	n	% of 8043	n	% of 18126	n	% of 26169
General services						
Physiotherapist	2735	34.0	5246	28.9	7981	30.5
Occupational therapist	2474	30.8	4476	24.7	6950	26.6
Speech and language therapist	4312	53.6	1016	5.6	5328	20.4
Chiropodist	73	0.9	2773	15.3	2846	10.9
Clinical nutritionist	1175	14.6	2608	14.4	3783	14.5
Orthotist/prosthetist	1286	16.0	2040	11.3	3326	12.7
Public health nurse	1690	21.0	4428	24.4	6118	23.4
Continence advisor	297	3.7	987	5.4	1284	4.9
Social worker	1343	16.7	1636	9.0	2979	11.4
Psychologist	2079	25.8	1167	6.4	3246	12.4
Counsellor	199	2.5	936	5.2	1135	4.3
Play therapist	280	3.5	12	0.1	292	1.1
Creative therapy	158	2.0	414	2.3	572	2.2
Complementary therapy	346	4.3	1387	7.7	1733	6.6
Assistive technology/client technical service	387	4.8	1317	7.3	1704	6.5
Community resource worker	399	5.0	2884	15.9	3283	12.5
Visual impairment specific services						
Mobility/rehabilitation worker for the blind	102	1.3	489	2.7	591	2.3
Hearing impairment specific services						
Audiologist	1349	16.8	1490	8.2	2839	10.8
Aural rehabilitation	67	0.8	91	0.5	158	0.6
Tinnitus retraining	8	0.1	65	0.4	73	0.3

Table 9 Future need for therapeutic intervention and rehabilitation services by age group

	Under 18 years			Over 18 years			All ages		
	Immediate need	2010-2014	All years	Immediate need	2010-2014	All years	n	% of 26169	
Physiotherapy									
Assessment required	459	32	491	3729	330	4059	4550	17.4	
Assessed and on waiting list	92	1	93	305	2	307	400	1.5	
Assessed but unable to avail of	2	0	2	45	0	45	47	0.2	
Need enhanced service	442	7	449	1120	35	1155	1604	6.1	
Overall demand	995	40	1035	5199	367	5566	6601	25.2	
Occupational therapy									
Assessment required	744	38	782	2859	194	3053	3835	14.7	
Assessed and on waiting list	271	2	273	197	1	198	471	1.8	
Assessed but unable to avail of	3	0	3	11	0	11	14	0.1	
Need enhanced service	456	10	466	665	25	690	1156	4.4	
Overall demand	1474	50	1524	3732	220	3952	5476	20.9	
Speech and language therapy									
Assessment required	547	34	581	819	32	851	1432	5.5	
Assessed and on waiting list	529	2	531	107	2	109	640	2.4	
Assessed but unable to avail of	6	0	6	10	0	10	16	0.1	
Need enhanced service	942	23	965	197	10	207	1172	4.5	
Overall demand	2024	59	2083	1133	44	1177	3260	12.5	
Chiropodist									
Assessment required	169	12	181	2759	73	2832	3013	11.5	
Assessed and on waiting list	7	0	7	65	1	66	73	0.3	
Assessed but unable to avail of	0	0	0	11	0	11	11	0.0	
Need enhanced service	5	0	5	503	27	530	535	2.0	
Overall demand	181	12	193	3338	101	3439	3632	13.9	
Clinical nutritionist									
Assessment required	269	8	277	1364	43	1407	1684	6.4	
Assessed and on waiting list	26	0	26	57	0	57	83	0.3	
Assessed but unable to avail of	0	0	0	3	0	3	3	0.0	
Need enhanced service	90	1	91	163	5	168	259	1.0	
Overall demand	385	9	394	1587	48	1635	2029	7.8	

Table 9 Future need for therapeutic intervention and rehabilitation services by age group (continued)

	Under 18 years			Over 18 years			All ages		
	Immediate need	2010-2014	All years	Immediate need	2010-2014	All years	n	% of 26169	
Orthotist/prosthetist	154	14	168	467	15	482	650	2.5	
Assessed and on waiting list	12	0	12	33	0	33	45	0.2	
Assessed but unable to avail of	0	0	0	1	0	1	1	0.0	
Need enhanced service	101	4	105	247	10	257	362	1.4	
Overall demand	267	18	285	748	25	773	1058	4.0	
Public health nurse	147	7	154	1132	52	1184	1338	5.1	
Assessed and on waiting list	5	0	5	22	0	22	27	0.1	
Assessed but unable to avail of	1	0	1	2	0	2	3	0.0	
Need enhanced service	74	1	75	214	15	229	304	1.2	
Overall demand	227	8	235	1370	67	1437	1672	6.4	
Continence advisor	177	12	189	721	28	749	938	3.6	
Assessed and on waiting list	3	0	3	18	0	18	21	0.1	
Assessed but unable to avail of	0	0	0	1	0	1	1	0.0	
Need enhanced service	21	2	23	65	3	68	91	0.3	
Overall demand	201	14	215	805	31	836	1051	4.0	
Social worker	169	8	177	866	34	900	1077	4.1	
Assessed and on waiting list	7	0	7	17	1	18	25	0.1	
Assessed but unable to avail of	0	0	0	3	0	3	3	0.0	
Need enhanced service	56	2	58	103	18	121	179	0.7	
Overall demand	232	10	242	989	53	1042	1284	4.9	
Psychologist	859	103	962	787	32	819	1781	6.8	
Assessed and on waiting list	133	2	135	38	0	38	173	0.7	
Assessed but unable to avail of	3	0	3	7	0	7	10	0.0	
Need enhanced service	262	32	294	141	9	150	444	1.7	
Overall demand	1257	137	1394	973	41	1014	2408	9.2	

Table 9 Future need for therapeutic intervention and rehabilitation services by age group (continued)

	Under 18 years			Over 18 years			All ages	
	Immediate need	2010-2014	All years	Immediate need	2010-2014	All years	n	% of 26169
Counsellor								
Assessment required	329	47	376	1358	51	1409	1785	6.8
Assessed and on waiting list	12	0	12	30	0	30	42	0.2
Assessed but unable to avail of	1	0	1	6	0	6	7	0.0
Need enhanced service	21	2	23	110	10	120	143	0.5
Overall demand	363	49	412	1504	61	1565	1977	7.6
Play therapist								
Assessment required	330	6	336	46	1	47	383	1.5
Assessed and on waiting list	9	0	9	0	0	0	9	0.0
Assessed but unable to avail of	0	0	0	0	0	0	0	0.0
Need enhanced service	27	0	27	3	0	3	30	0.1
Overall demand	366	6	372	49	1	50	422	1.6
Creative therapist								
Assessment required	325	11	336	436	10	446	782	3.0
Assessed and on waiting list	3	0	3	5	0	5	8	0.0
Assessed but unable to avail of	0	0	0	2	0	2	2	0.0
Need enhanced service	18	2	20	67	2	69	89	0.3
Overall demand	346	13	359	510	12	522	881	3.4
Complementary therapy								
Assessment required	349	16	365	1968	67	2035	2400	9.2
Assessed and on waiting list	3	0	3	18	1	19	22	0.1
Assessed but unable to avail of	1	0	1	3	0	3	4	0.0
Need enhanced service	60	2	62	278	12	290	352	1.3
Overall demand	413	18	431	2267	80	2347	2778	10.6
Assistive technology/client technical service								
Assessment required	307	26	333	797	28	825	1158	4.4
Assessed and on waiting list	25	0	25	29	0	29	54	0.2
Assessed but unable to avail of	1	0	1	1	0	1	2	0.0
Need enhanced service	50	6	56	223	50	273	329	1.3
Overall demand	383	32	415	1050	78	1128	1543	5.9

Table 9 Future need for therapeutic intervention and rehabilitation services by age group (continued)

	Under 18 years				Over 18 years				All ages	
	Immediate need	2010-2014	All years	Immediate need	2010-2014	All years	n	% of 26169		
Community resource worker	138	4	142	668	16	684	826	3.2		
Assessment required	1	1	2	13	0	13	15	0.1		
Assessed and on waiting list	0	0	0	2	0	2	2	0.0		
Assessed but unable to avail of	39	4	43	141	50	191	234	0.9		
Need enhanced service	178	9	187	824	66	890	1077	4.1		
Overall demand										
Visual impairment specific services										
Mobility/rehabilitation worker for the blind	41	6	47	175	15	190	237	0.9		
Assessment required	2	0	2	11	0	11	13	0.0		
Assessed and on waiting list	0	0	0	0	0	0	0	0.0		
Assessed but unable to avail of	17	0	17	39	8	47	64	0.2		
Need enhanced service	60	6	66	225	23	248	314	1.2		
Overall demand										
Hearing impairment specific services										
Audiologist	222	4	226	615	29	644	870	3.3		
Assessment required	42	1	43	33	0	33	76	0.3		
Assessed and on waiting list	0	0	0	3	0	3	3	0.0		
Assessed but unable to avail of	138	3	141	196	19	215	356	1.4		
Need enhanced service	402	8	410	847	48	895	1305	5.0		
Overall demand										
Aural rehabilitation										
Assessment required	24	2	26	180	5	185	211	0.8		
Assessed and on waiting list	1	0	1	8	2	10	11	0.0		
Assessed but unable to avail of	0	0	0	3	0	3	3	0.0		
Need enhanced service	9	1	10	18	5	23	33	0.1		
Overall demand	34	3	37	209	12	221	258	1.0		
Tinnitus retraining										
Assessment required	8	2	10	172	3	175	185	0.7		
Assessed and on waiting list	1	0	1	9	0	9	10	0.0		
Assessed but unable to avail of	0	0	0	2	0	2	2	0.0		
Need enhanced service	0	0	0	14	2	16	16	0.1		
Overall demand	9	2	11	197	5	202	213	0.8		

Personal assistance and support services

Table 10 Use of personal assistance and support services by age group

	Under 18 years		18 and over		All ages	
	n	% of 8403	n	% of 18126	n	% of 26169
General services						
Personal Assistant	381	4.7	1237	6.8	1618	6.2
Home Help	260	3.2	2130	11.8	2390	9.1
Home Care Assistant	161	2.0	656	3.6	817	3.1
Twilight Nurse	19	0.2	35	0.2	54	0.2
Driving Instructor (adapted car)	0	0.0	421	2.3	421	1.6
Communication Assistant	16	0.2	62	0.3	78	0.3
Peer Support	500	6.2	2373	13.1	2873	11.0
Visual impairment specific services						
Guide Dog Service	0	0.0	124	0.7	124	0.5
Personal Reader	7	0.1	46	0.3	53	0.2
Tape Library Support	58	0.7	617	3.4	675	2.6
Braille (Library Support)	19	0.2	113	0.6	132	0.5
Large Print (Library Support)	58	0.7	229	1.3	287	1.1
Sighted Guide	5	0.1	65	0.4	70	0.3
Hearing impairment specific services						
Sign Language Interpreter	48	0.6	189	1.0	237	0.9
Speed Text	4	0.0	73	0.4	77	0.3
Lip Speaking	28	0.3	87	0.5	115	0.4
Sign Language Tuition	55	0.7	126	0.7	181	0.7



Table 11 Future need for personal assistant and support services by age group

	Under 18 years				Over 18 years				All ages	
	Immediate need		All years		Immediate need		All years		n	% of 26169
	2010-2014	2010-2014	2010-2014	All years	2010-2014	need	2010-2014	All years		
General services										
Personal assistant										
Assessment required	205	29	234	1263	124	1387	1621	6.2		
Assessed and on waiting list	28	0	28	107	0	107	135	0.5		
Assessed but unable to avail of	1	0	1	7	0	7	8	0.0		
Need enhanced service	55	4	59	253	10	263	322	1.2		
Overall demand	289	33	322	1630	134	1764	2086	8.0		
Home help										
Assessment required	149	8	157	1686	179	1865	2022	7.7		
Assessed and on waiting list	6	0	6	63	0	63	69	0.3		
Assessed but unable to avail of	2	0	2	15	0	15	17	0.1		
Need enhanced service	26	0	26	326	7	333	359	1.4		
Overall demand	183	8	191	2090	186	2276	2467	9.4		
Home care assistant										
Assessment required	158	3	161	700	63	763	924	3.5		
Assessed and on waiting list	8	0	8	18	1	19	27	0.1		
Assessed but unable to avail of	1	0	1	7	0	7	8	0.0		
Need enhanced service	20	1	21	92	5	97	118	0.5		
Overall demand	187	4	191	817	69	886	1077	4.1		
Twilight nurse										
Assessment required	20	2	22	144	7	151	173	0.7		
Assessed and on waiting list	0	0	0	1	0	1	1	0.0		
Assessed but unable to avail of	0	0	0	0	0	0	0	0.0		
Need enhanced service	3	0	3	6	1	7	10	0.0		
Overall demand	23	2	25	151	8	159	184	0.7		
Driving instructor (adapted car)										
Assessment required	16	19	35	852	34	886	921	3.5		
Assessed and on waiting list	0	0	0	21	0	21	21	0.1		
Assessed but unable to avail of	0	0	0	9	0	9	9	0.0		
Need enhanced service	0	0	0	31	2	33	33	0.1		
Overall demand	16	19	35	913	36	949	984	3.8		

Table 11 Future need for personal assistant and support services by age group (continued)

	Under 18 years			Over 18 years			All ages	
	Immediate need	2010-2014	All years	Immediate need	2010-2014	All years	n	% of 26169
Braille (library support)	14	2	16	40	3	43	59	0.2
Assessment required	0	0	0	3	0	3	3	0.0
Assessed and on waiting list	1	0	1	0	0	0	1	0.0
Assessed but unable to avail of	4	0	4	10	0	10	14	0.1
Need enhanced service	19	2	21	53	3	56	77	0.3
Overall demand								
Large print (library support)	61	5	66	207	1	208	274	1.0
Assessment required	8	0	8	10	0	10	18	0.1
Assessed and on waiting list	1	0	1	2	0	2	3	0.0
Assessed but unable to avail of	8	1	9	16	1	17	26	0.1
Need enhanced service	78	6	84	235	2	237	321	1.2
Overall demand								
Sighted guide	7	0	7	94	4	98	105	0.4
Assessment required	1	0	1	1	0	1	2	0.0
Assessed and on waiting list	0	0	0	3	0	3	3	0.0
Assessed but unable to avail of	1	0	1	13	7	20	21	0.1
Need enhanced service	9	0	9	111	11	122	131	0.5
Overall demand								
Hearing impairment specific services								
Sign language interpreter	53	2	55	253	4	257	312	1.2
Assessment required	4	0	4	7	0	7	11	0.0
Assessed and on waiting list	0	0	0	2	0	2	2	0.0
Assessed but unable to avail of	14	0	14	46	7	53	67	0.3
Need enhanced service	71	2	73	308	11	319	392	1.5
Overall demand								
Speed text	46	2	48	238	11	249	297	1.1
Assessment required	1	0	1	12	0	12	13	0.0
Assessed and on waiting list	1	0	1	4	0	4	5	0.0
Assessed but unable to avail of	1	1	2	24	17	41	43	0.2
Need enhanced service	49	3	52	278	28	306	358	1.4
Overall demand								

Table 11 Future need for personal assistant and support services by age group (continued)

	Under 18 years			Over 18 years			All ages	
	Immediate need	2010-2014	All years	Immediate need	2010-2014	All years	n	% of 26169
Lip speaking								
Assessment required	51	3	54	217	4	221	275	1.1
Assessed and on waiting list	1	0	1	8	0	8	9	0.0
Assessed but unable to avail of	1	0	1	3	0	3	4	0.0
Need enhanced service	5	0	5	17	3	20	25	0.1
Overall demand	58	3	61	245	7	252	313	1.2
Sign language tuition								
Assessment required	65	7	72	255	6	261	333	1.3
Assessed and on waiting list	6	0	6	15	2	17	23	0.1
Assessed but unable to avail of	2	0	2	9	0	9	11	0.0
Need enhanced service	9	1	10	37	8	45	55	0.2
Overall demand	82	8	90	316	16	332	422	1.6

Day services

Table 12 Summary of day service use

	Mainstream	Specialist	Combined	Other	Total	
					n	% of 26169
Baby and toddler	84	22	n/a	n/a	106	0.4
Preschool	546	122	9	n/a	677	2.6
Primary	4333	296	41	16	4686	17.9
Secondary	1571	178	14	5	1768	6.8
Third Level	536	n/a	n/a	n/a	536	2.0
Rehabilitative training	n/a	411	n/a	n/a	411	1.6
Vocational training	604	n/a	n/a	n/a	604	2.3
Employment	2852	390	n/a	n/a	3242	12.4
Activation	n/a	1800	n/a	n/a	1800	6.9
Rehabilitation	n/a	237	n/a	n/a	237	0.9
Other	n/a	n/a	n/a	390	390	1.5

Table 13 Future need for day services and activities

		Immediate need	2010-2014	All years	% of 26169
Baby and toddler groups					
Mainstream baby and toddler group	Unmet need for day service	26	4	30	0.1
	Need for enhanced/alternative service	2	0	2	0.0
	Overall demand	28	4	32	0.1
Specialist baby and toddler group	Need existing service enhanced	16	0	16	0.1
	Unmet need for day service	4	0	4	0.0
	Overall demand	20	0	20	0.1
Pre-school					
Mainstream pre-school	Unmet need for day service	256	55	311	1.2
	Need for enhanced/alternative service	58	7	65	0.2
	Overall demand	314	62	376	1.4
Specialist pre-school	Unmet need for day service	36	2	38	0.1
	Need for enhanced/alternative service	14	0	14	0.1
	Overall demand	50	2	52	0.2
Combined pre-school (specialist and mainstream)	Unmet need for day service	4	1	5	0.0
	Need for enhanced/alternative service	6	2	8	0.0
	Overall demand	10	3	13	0.0
Primary school					
Mainstream primary school	Unmet need for day service	218	59	277	1.1
	Need for enhanced/alternative service	653	87	740	2.8
	Overall demand	871	146	1017	3.9
Specialist primary school	Unmet need for day service	16	0	16	0.1
	Need for enhanced/alternative service	58	7	65	0.2
	Overall demand	74	7	81	0.3
Combined primary school (specialist and mainstream)	Unmet need for day service	12	1	13	0.0
	Need for enhanced/alternative service	26	1	27	0.1
	Overall demand	38	2	40	0.2
Primary school Education provided at home	Unmet need for day service	3	0	3	0.0
	Need for enhanced/alternative service	5	0	5	0.0
	Overall demand	8	0	8	0.0
Secondary school					
Mainstream secondary school	Unmet need for day service	40	2	42	0.2
	Need for enhanced/alternative service	582	400	982	3.8
	Overall demand	622	402	1024	3.9
Specialist secondary school	Unmet need for day service	1	2	3	0.0
	Need for enhanced/alternative service	52	21	73	0.3
	Overall demand	53	23	76	0.3

Table 13 National Physical and Sensory Disability Database, 2009 (continued)

		Immediate need	2010-2014	All years	% of 26169
Combined secondary school (specialist and mainstream)	Unmet need for day service	2	0	2	0.0
	Need for enhanced/alternative service	12	1	13	0.0
	Overall demand	14	1	15	0.1
Secondary school education provided at home	Unmet need for day service	4	0	4	0.0
	Need for enhanced/alternative service	10	0	10	0.0
	Overall demand	14	0	14	0.1
Third level education					
Third level education	Unmet need for day service	85	12	97	0.4
	Need for enhanced/alternative service	250	129	379	1.4
	Overall demand	335	141	476	1.8
Training, work and employment services					
Rehabilitative training	Unmet need for day service	288	6	294	1.1
	Need for enhanced/alternative service	105	20	125	0.5
	Overall demand	393	26	419	1.6
Vocational training	Unmet need for day service	316	10	326	1.2
	Need for enhanced/alternative service	180	42	222	0.8
	Overall demand	496	52	548	2.1
Sheltered employment	Unmet need for day service	21	1	22	0.1
	Need for enhanced/alternative service	39	7	46	0.2
	Overall demand	60	8	68	0.3
Supported employment	Unmet need for day service	85	12	97	0.4
	Need for enhanced/alternative service	105	21	126	0.5
	Overall demand	190	33	223	0.9
Sheltered work	Unmet need for day service	29	0	29	0.1
	Need for enhanced/alternative service	43	3	46	0.2
	Overall demand	72	3	75	0.3
Part-time open employment/self employment	Unmet need for day service	269	16	285	1.1
	Need for enhanced/alternative service	202	30	232	0.9
	Overall demand	471	46	517	2.0
Full-time open employment/self employment	Unmet need for day service	150	13	163	0.6
	Need for enhanced/alternative service	204	53	257	1.0
	Overall demand	354	66	420	1.6
Activation services					
Resource centre for older people	Unmet need for day service	2	0	2	0.0
	Need for enhanced/alternative service	2	0	2	0.0
	Overall demand	4	0	4	0.0
Resource centre for people with an intellectual disability	Unmet need for day service	5	1	6	0.0
	Need for enhanced/alternative service	3	1	4	0.0
	Overall demand	8	2	10	0.0

Table 13 National Physical and Sensory Disability Database, 2009 (*continued*)

		Immediate need	2010-2014	All years	% of 26169
Resource centre for people with a physical or sensory disability	Unmet need for day service	305	12	317	1.2
	Need for enhanced/alternative service	158	9	167	0.6
	Overall demand	463	21	484	1.8
Social and recreational service (older people)	Unmet need for day service	5	2	7	0.0
	Need for enhanced/alternative service	5	0	5	0.0
	Overall demand	10	2	12	0.0
Social and recreational service (intellectual disability)	Unmet need for day service	10	1	11	0.0
	Need for enhanced/alternative service	10	1	11	0.0
	Overall demand	20	2	22	0.1
Social and recreational service (physical and sensory disability)	Unmet need for day service	490	17	507	1.9
	Need for enhanced/alternative service	268	8	276	1.1
	Overall demand	758	25	783	3.0
Rehabilitation service (older people)	Unmet need for day service	2	0	2	0.0
	Need for enhanced/alternative service	0	0	0	0.0
	Overall demand	2	0	2	0.0
Rehabilitation service (physical and sensory disability)	Unmet need for day service	121	4	125	0.5
	Need for enhanced/alternative service	71	0	71	0.3
	Overall demand	192	4	196	0.7
Special care unit (intellectual disability)	Unmet need for day service	1	0	1	0.0
	Need for enhanced/alternative service	4	0	4	0.0
	Overall demand	5	0	5	0.0
Specialised day service for people with head injuries	Unmet need for day service	58	4	62	0.2
	Need for enhanced/alternative service	49	2	51	0.2
	Overall demand	107	6	113	0.4
Other day service	Unmet need for day service	45	1	46	0.2
	Need for enhanced/alternative service	45	5	50	0.2
	Overall demand	90	6	96	0.4

Residential services

Table 14 Use of residential services

	Total	
	n	% of 26169
Dedicated high support with nursing care (older people)	20	0.1
Dedicated high support with nursing care (intellectual disability)	6	0.0
Dedicated high support with nursing care (physical and sensory disability)	77	0.3
Dedicated high support with nursing care and therapy services (older people)	12	0.0
Dedicated high support with nursing care and therapy services (intellectual disability)	2	0.0
Dedicated high support with nursing care and therapy services (physical and sensory disability)	160	0.6
Nursing home	228	0.9
Welfare home	11	0.0
Independent unit in a dedicated complex with high support	72	0.3
Independent unit in a dedicated complex with low support	61	0.2
Independent unit in a dedicated complex with no support	17	0.1
Living independently in community with high support (more than 10 hours)	2	0.0
Living independently in community with low support (less than 10 hours)	3	0.0
Living in community in agency accommodation with agency support	63	0.2
Living independently in community with house adapted or re-housing	1	0.0
Specialist unit (e.g. group home for people with brain injury)	32	0.1
Acute general hospital	20	0.1
District/community hospital	56	0.2
Specialist hospital (e.g. NRH, Cappagh)	7	0.0
Mental health residential facility	17	0.1
Other	27	0.1
All services	894	3.4

Table 15 Future need for residential services

		Immediate			% of
		need	2010-2014	All Years	26169
Dedicated high support with nursing care (Older people)	Unmet need for day service	2	0	2	0.0
	Need for enhanced/alternative service	0	0	0	0.0
	Overall demand for service	2	0	2	0.0
Dedicated high support with nursing care (Intellectual disability)	Unmet need for day service	2	0	2	0.0
	Need for enhanced/alternative service	2	0	2	0.0
	Overall demand for service	4	0	4	0.0
Dedicated high support with nursing care (Physical and sensory disability)	Unmet need for day service	34	4	38	0.1
	Need for enhanced/alternative service	11	0	11	0.0
	Overall demand for service	45	4	49	0.2
Dedicated high support with nursing care and therapy service (Older people)	Unmet need for day service	0	0	0	0.0
	Need for enhanced/alternative service	1	0	1	0.0
	Overall demand for service	1	0	1	0.0
Dedicated high support with nursing care and therapy service (Intellectual disability)	Unmet need for day service	2	0	2	0.0
	Need for enhanced/alternative service	0	0	0	0.0
	Overall demand for service	2	0	2	0.0
Dedicated high support with nursing care and therapy services (physical and sensory)	Unmet need for day service	41	8	49	0.2
	Need for enhanced/alternative service	42	0	42	0.2
	Overall demand for service	83	8	91	0.3
Nursing home	Unmet need for day service	13	1	14	0.1
	Need for enhanced/alternative service	0	1	1	0.0
	Overall demand for service	13	2	15	0.1
Welfare home	Unmet need for day service	4	1	5	0.0
	Need for enhanced/alternative service	1	0	1	0.0
	Overall demand for service	5	1	6	0.0
Independent unit in a dedicated complex with high support	Unmet need for day service	44	8	52	0.2
	Need for enhanced/alternative service	38	0	38	0.1
	Overall demand for service	82	8	90	0.3
Independent unit in a dedicated complex with low support	Unmet need for day service	41	7	48	0.2
	Need for enhanced/alternative service	12	0	12	0.0
	Overall demand for service	53	7	60	0.2
Independent unit in a dedicated complex with no support	Unmet need for day service	6	0	6	0.0
	Need for enhanced/alternative service	0	0	0	0.0
	Overall demand for service	6	0	6	0.0

Table 15 Future need for residential services (*continued*)

		Immediate need	2010-2014	All Years	% of 26169
Living in community in agency accommodation with agency support	Unmet need for day service	26	2	28	0.1
	Need for enhanced/alternative service	15	4	19	0.1
	Overall demand for service	41	6	47	0.2
Specialist unit (e.g. group home for people with brain injury)	Unmet need for day service	14	6	20	0.1
	Need for enhanced/alternative service	26	0	26	0.1
	Overall demand for service	40	6	46	0.2
Mental health residential facility	Unmet need for day service	0	0	0	0.0
	Need for enhanced/alternative service	1	0	1	0.0
	Overall demand for service	1	0	1	0.0
Living independently in community with high support (> 10 hrs)	Unmet need for day service	48	7	55	0.2
	Need for enhanced/alternative service	15	3	18	0.1
	Overall demand for service	63	10	73	0.3
Living independently in community with low support (< 10 hrs)	Unmet need for day service	49	7	56	0.2
	Need for enhanced/alternative service	10	0	10	0.0
	Overall demand for service	59	7	66	0.3
Living independently in community with no support	Unmet need for day service	26	3	29	0.1
	Need for enhanced/alternative service	4	0	4	0.0
	Overall demand for service	30	3	33	0.1
Living independently in community with house adapted or re-housing	Unmet need for day service	267	7	274	1.0
	Need for enhanced/alternative service	10	0	10	0.0
	Overall demand for service	277	7	284	1.1
Other	Unmet need for day service	11	1	12	0.0
	Need for enhanced/alternative service	3	0	3	0.0
	Overall demand for service	14	1	15	0.1

Respite services

Table 16 Use of respite services by age group

	Under 18		18 and over		All ages	
	n	% of 8043	n	% of 18126	n	% of 26169
Planned respite services						
Planned residential respite with high support	55	0.7	574	3.2	629	2.4
Planned residential respite with low support	32	0.4	406	2.2	438	1.7
Planned home-based respite	108	1.3	53	0.3	161	0.6
Summer camps (residential)	80	1.0	108	0.6	188	0.7
Summer camps (day)	428	5.3	123	0.7	551	2.1
Breakaway and befriending schemes	53	0.7	187	1.0	240	0.9
Holiday respite placement	100	1.2	850	4.7	950	3.6
Emergency respite services						
Emergency residential respite with high support	15	0.2	122	0.7	137	0.5
Emergency residential respite with low support	10	0.1	78	0.4	88	0.3
Emergency home-based respite	29	0.4	41	0.2	70	0.3



Table 17 Future need for respite services by age group

	Under 18 years			Over 18 years			All ages	
	Immediate need	2010-2014	All years	Immediate need	2010-2014	All years	n	% of 26169
Planned residential respite with high support	75	7	82	406	32	438	520	2.0
Assessment required								
Required: assessed and on waiting list	4	0	4	19	0	19	23	0.1
Required: assessed but unable to avail of	3	0	3	10	0	10	13	0.0
Need enhanced service	15	1	16	175	8	183	199	0.8
Overall demand for service	97	8	105	610	40	650	755	2.9
Planned residential respite with low support	55	5	60	528	58	586	646	2.5
Assessment required								
Required: assessed and on waiting list	3	0	3	18	1	19	22	0.1
Required: assessed but unable to avail of	0	0	0	2	0	2	2	0.0
Need enhanced service	6	0	6	72	6	78	84	0.3
Overall demand for service	64	5	69	620	65	685	754	2.9
Planned home-based respite	195	12	207	444	13	457	664	2.5
Assessment required								
Required: assessed and on waiting list	5	0	5	4	0	4	9	0.0
Required: assessed but unable to avail of	1	0	1	5	0	5	6	0.0
Need enhanced service	17	3	20	10	0	10	30	0.1
Overall demand for service	218	15	233	463	13	476	709	2.7
Summer camp – residential	235	9	244	238	7	245	489	1.9
Assessment required								
Required: assessed and on waiting list	4	1	5	12	1	13	18	0.1
Required: assessed but unable to avail of	3	0	3	10	0	10	13	0.0
Need enhanced service	16	1	17	29	0	29	46	0.2
Overall demand for service	258	11	269	289	8	297	566	2.2

Table 17 Future need for respite services (continued)

	Under 18 years			Over 18 years			All ages	
	Immediate need	2010-2014	All years	Immediate need	2010-2014	All years	n	% of 26169
Summer camp – day								
Assessment required	748	89	837	273	4	277	1114	4.3
Required: assessed and on waiting list	25	1	26	7	0	7	33	0.1
Required: assessed but unable to avail of	8	0	8	6	0	6	14	0.1
Need enhanced service	112	6	118	49	5	54	172	0.7
Overall demand for service	893	6	989	335	9	344	1333	5.1
Breakaway and Befriending scheme								
Assessment required	190	9	199	594	6	600	799	3.1
Required: assessed and on waiting list	4	1	5	8	0	8	13	0.0
Required: assessed but unable to avail of	2	0	2	11	0	11	13	0.0
Need enhanced service	8	1	9	29	2	31	40	0.2
Overall demand for service	204	11	215	642	8	650	865	3.3
Holiday respite placement								
Assessment required	253	23	276	1396	54	1450	1726	6.6
Required: assessed and on waiting list	10	1	11	47	0	47	58	0.2
Required: assessed but unable to avail of	4	0	4	16	0	16	20	0.1
Need enhanced service	16	0	16	256	10	266	282	1.1
Overall demand for service	283	24	307	1715	64	1779	2086	8.0

Technical aids and appliances

Table 18 Current use of and future need for technical aids and appliances³

	Current use		Assessed and requiring TAA	Assessment required			Combined total future (assessed and assessment required)
	n	%		Total assessment required	Immediate need	2010-2014	
Aids to mobility	15502						3668
Powered wheelchair	1508	5.8	138	464	438	26	602
Scooter	233	0.9	18	98	94	4	116
Manual specialised wheelchair	1473	5.6	90	313	291	22	403
Manual regular wheelchair	2963	11.3	79	264	246	18	343
Special pushchair or buggy	222	0.8	36	54	53	1	90
Special bicycle or tricycle	258	1.0	20	80	79	1	100
Portable ramps	206	0.8	32	186	183	3	218
Fixed ramp	1	0.0	1	0	0	0	1
Rollator	606	2.3	13	75	74	1	88
Specialised walkers	565	2.2	45	99	92	7	144
Frame/zimmer	745	2.8	23	53	52	1	76
Walking sticks/canes/crutches	3735	14.3	31	236	229	7	267
Guidance canes	246	0.9	9	11	11	0	20
Support white stick	108	0.4	1	9	9	0	10
Grab rails and bars	1647	6.3	143	685	664	21	828
Adapted vehicles (wheelchair rack for car, gears/lifts)	983	3.8	46	315	293	22	361
Propulsion Unit	3	0.0	0	1	1	0	1

3 The assignment of technical aids and appliances codes is guided by the 'Assistive products for persons with disability – classification and terminology (ISO 9999:2007)', which defines an assistive product as "any product (including devices, equipment, instruments, technology and software) especially produced or generally available, for preventing, compensating for, monitoring, relieving or neutralizing impairments, activity limitations and participation restrictions" (p 2).

Table 18 Current use of and future need for technical aids and appliances (continued)

	Current use		Assessed and requiring TAA	Assessment required			Combined total future (assessed and assessment required)
	n	%		n	Immediate need	2010-2014	
Orthotics & prosthetics	4350			Total assessment required		1125	
Cervical/lumbar supports	161	0.6	7	52	51	1	59
Upper limb orthoses	683	2.6	35	104	99	5	139
Upper limb prostheses	107	0.4	14	22	21	1	36
Lower limb orthoses	1745	6.7	102	276	261	15	378
Lower limb prostheses	330	1.3	20	66	60	6	86
Orthopaedic footwear (e.g. built up shoe)	1103	4.2	84	269	265	4	353
Other prosthetic devices	51	0.2	5	10	9	1	15
Other orthotic devices	170	0.6	12	47	46	1	59
Vision aids	3812						1578
Information technology for people with a visual impairment							
Special computer equipment	787	3.0	124	319	304	15	443
Print/display magnification	404	1.5	45	151	145	6	196
Screen reader and voice synthesiser	321	1.2	43	90	84	6	133
Scanner	313	1.2	55	93	91	2	148
Braille printer	28	0.1	6	20	20	0	26
Notetaker (e.g. Braille 'n Speak)	38	0.1	13	20	20	0	33
Character reading machines (e.g. Kurzweil reading machine)	13	0.0	1	6	5	1	7
Low vision aids							
Magnifiers	689	2.6	37	130	126	4	167
Close circuit television	183	0.7	36	63	62	1	99
Telescopes	193	0.7	6	35	32	3	41
Overhead projector	4	0.0	0	2	2	0	2

Table 18 Current use of and future need for technical aids and appliances (continued)

	Current use		Assessed and requiring TAA		Assessment required			Combined total future (assessed and assessment required)
	n	%	n	%	Total assessment required	Immediate need	2010-2014	
Braille equipment								
Braille Perkins machine	88	0.3	4		5	5	0	9
Braille paper	52	0.2	1		4	3	1	5
Dymogun	20	0.1	1		3	3	0	4
Other braille equipment	35	0.1	1		9	8	1	10
Audible/tactile devices (e.g. talking scales, clocks)	559	2.1	64		141	139	2	205
Writing aids (e.g. writing frame)	84	0.3	9		41	41	0	50
Light Filters	1	0.0	0		0	0	0	0
Aids to hearing	3704							2292
Personal listening devices (e.g. loop system)	263	1.0	55		217	207	10	272
Fax/telephone devices	485	1.9	66		253	246	7	319
Teletext equipment/caption readers	293	1.1	40		130	128	2	170
Hearing aid (incl. cochlear implant device/digital hearing aid)	1989	7.6	139		377	356	21	516
Alerting devices	665	2.5	149		655	631	24	804
Videophone	9	0.0	30		181	177	4	211
Communications aids	251							219
High technology communication devices	142	0.5	35		133	132	1	168
Low technology communication devices	99	0.4	11		39	38	1	50
Talk tools	9	0.0	1		0	0	0	1
Accessories for telephoning	1	0.0	0		0	0	0	0

Table 18 Current use of and future need for technical aids and appliances (*continued*)

	Current use		Assessed and requiring TAA	Assessment required			Combined total future (assessed and assessment required)
	n	%		n	Immediate need	2010-2014	
Incontinence aids	1623			Total assessment required		152	
Neurostimulator	18	0.1	2	6	0	8	
Catheters	661	2.5	11	29	2	40	
Bags/pads	924	3.5	32	62	2	94	
Aids for continence training	9	0.0	0	10	0	10	
Urinary prosthesis	11	0.0	0	0	0	0	
Special furniture and other aids to personal care	18527					7995	
Hoists							
Powered hoists (including hydraulic car hoist)	726	2.8	47	182	175	7	
Manual hoists	166	0.6	9	37	34	3	
Overhead hoists	90	0.3	10	35	32	3	
Lifts							
Floor through ceiling lifts	54	0.2	6	18	17	1	
Stair lifts	216	0.8	36	208	200	8	
External lifts	1	0.0	1	3	3	0	
Special bed or bedding							
Powered beds	1399	5.3	58	335	327	8	
Manual beds	158	0.6	6	35	35	0	

Table 18 Current use of and future need for technical aids and appliances (*continued*)

	Current use		Assessed and requiring TAA		Assessment required			Combined total future (assessed and assessment required)
	n	%	n	%	Total assessment required	Immediate need	2010-2014	
Pressure relieving beds	118	0.5	5		75	71	4	80
Pressure relieving mattresses	759	2.9	34		220	212	8	254
Bed accessories (e.g. boards, poles and ladders)	471	1.8	19		88	88	0	107
Mattress raiser	8	0.0	0		0	0	0	0
Bedding	3	0.0	0		0	0	0	0
Aids to lying								
Various wedges/rolls	69	0.3	12		51	51	0	63
Sleep systems (e.g. SYMMETRISleep)	59	0.2	12		23	23	0	35
Aids to toileting								
Commode	516	2.0	13		45	45	0	58
Potty chair	47	0.2	6		24	23	1	30
Adapted toilet seats	838	3.2	53		173	169	4	226
Toilet surrounds	402	1.5	48		126	123	3	174
Bidet	27	0.1	2		16	15	1	18
Urine bottle	39	0.1	0		3	3	0	3
Specialised toilets (inc raised toilets)	1	0.0	1		1	1	0	2
Aids to bathing								
Specialised bath	109	0.4	22		128	125	3	150
Powered bath aids (e.g. bathlift)	254	1.0	22		127	123	4	149
Manual bath aids (e.g. bath seat)	610	2.3	51		198	196	2	249

Table 18 Current use of and future need for technical aids and appliances (continued)

	Current use		Assessed and requiring TAA		Assessment required			Combined total future (assessed and assessment required)
	n	%	n	%	Total assessment required	Immediate need	2010-2014	
Shower aids (e.g. chairs / trolley/shield etc.)	3112	11.9	298		968	942	26	1266
Bathroom grab rails and bars	2539	9.7	234		969	950	19	1203
Adapted wash basin (including height adjustment, lever taps and special shape)	21	0.1	12		7	6	1	19
Adapted shower	54	0.2	11		17	12	5	28
Aids to sitting								
Specialised chairs (perch stool/chair)	1267	4.8	117		434	426	8	551
Car seats	234	0.9	20		88	85	3	108
High chairs for children	80	0.3	10		15	15	0	25
Pressure relieving cushions	557	2.1	26		174	171	3	200
Wedges	41	0.2	5		25	25	0	30
Chair raiser	28	0.1	3		11	10	1	14
Custom specialised seating insert	151	0.6	15		61	57	4	76
Devices for supporting the legs and/or feet	1	0.0	1		0	0	0	1
Aids to standing								
Parallel bars	35	0.1	1		19	19	0	20
Standing frame	363	1.4	29		65	60	5	94
Powered Standing frame	5	0.0	2		2	2	0	4
Sit-to-stand frame	1	0.0	0		2	2	0	2
Other special furniture and aids to personal care								
Environmental control	148	0.6	27		183	175	8	210
Monitoring systems	55	0.2	8		19	19	0	27

Table 18 Current use of and future need for technical aids and appliances (continued)

	Current use		Assessed and requiring TAA		Assessment required			Combined total future (assessed and assessment required)
	n	%	n	%	Total assessment required	Immediate need	2010-2014	
Reading aids	13	0.0	3		4	4	0	7
Dressing aids	208	0.8	12		102	101	1	114
Feeding aids	298	1.1	6		49	49	0	55
Kitchen aids	379	1.4	29		324	320	4	353
Aids for administering medicines (e.g. injection guns, injection systems)	103	0.4	2		9	7	2	11
Aids for housekeeping	4	0.0	0		1	1	0	1
Stockings and socks	0	0.0	1		0	0	0	1
Aids for dialysis therapy	3	0.0	0		0	0	0	0
Therapy aids								
Aids for circulation	7	0.0	0		3	3	0	3
TENS (transcutaneous electrical nerve stimulators)	149	0.6	7		45	45	0	52
Multi-sensory (e.g. sensory room)	22	0.1	8		27	27	0	35
Exercise equipment (e.g. balls and mats)	547	2.1	40		189	186	3	229
Weights	39	0.1	3		30	30	0	33
Treatment table	48	0.2	7		24	24	0	31
Heated pads	46	0.2	5		80	80	0	85
Muscle stimulator	117	0.4	14		91	91	0	105
Therapeutic listening device	16	0.1	11		5	5	0	16
Therapeutic tapes/CDs	21	0.1	4		5	5	0	9
Aids for grasping, holding, reaching (e.g. pick-up/reaching aid, key/door handle opener, non-slip mats)	535	2.0	36		259	256	3	295
Assistive products for protecting the body	3	0.0	1		1	1	0	2
Manual devices for drawing and handwriting	0	0.0	1		0	0	0	1

Table 18 Current use of and future need for technical aids and appliances (continued)

	Current use		Assessed and requiring TAA		Assessment required			Combined total future (assessed and assessment required)
	n	%	n	%	Total assessment required	Immediate need	2010-2014	
Variable frequency photo stimulation (light mask)	2	0.0	0	0	0	0	0	0
Transfer aids								
Transfer boards	108	0.4	4		36	35	1	40
Transfer slings	27	0.1	1		14	13	1	15
Respiratory aids	2642							237
Peak-flow meter	52	0.2	0		10	8	2	10
Nebulizers (including aero chamber)	920	3.5	20		85	83	2	105
Oxygen concentrators	185	0.7	5		21	21	0	26
Inhalers	909	3.5	8		11	11	0	19
Suction machines	78	0.3	0		10	10	0	10
Pep mask	320	1.2	4		23	22	1	27
Home ventilator	57	0.2	0		3	3	0	3
Humidifier	10	0.0	2		5	5	0	7
Oxygen unit & tubing	72	0.3	3		12	12	0	15
Vibratory positive expiratory pressure system	5	0.0	0		8	8	0	8
Air cleaners: devices for removing pollutants from the air	1	0.0	0		2	2	0	2
Aids for respiratory therapy	14	0.1	1		3	3	0	4
Respiration meters	7	0.0	0		1	0	1	1
Tracheostomy aids	10	0.0	0		0	0	0	0
Aspirators	2	0.0	0		0	0	0	0

Table 18 Current use of and future need for technical aids and appliances (continued)

	Current use		Assessed and requiring TAA		Assessment required			Combined total future (assessed and assessment required)
	n	%	n	%	Total assessment required	Immediate need	2010-2014	
Other	2541							1475
Adjustable table/adapted desk	87	0.3	8		29	29	0	37
Specialised helmet	14	0.1	1		9	8	1	10
Mobile phone	330	1.3	30		156	154	2	186
Drip stand	21	0.1	1		3	3	0	4
Standing stool	59	0.2	4		28	28	0	32
Glucometer and associated equipment	1159	4.4	11		28	26	2	39
Standard computer accessories	89	0.3	22		152	150	2	174
Specialised software (e.g. EZ keys software)	133	0.5	57		235	231	4	292
Standard computers for social/educational purposes	585	2.2	126		514	485	29	640
Specialised hardware (e.g. Joystick, mouse etc)	49	0.2	12		46	44	2	58
Body plaster/neofract jacket	9	0.0	1		1	1	0	2
Therapeutic weighted clothing	0	0.0	0		1	1	0	1
Deep brain stimulation	1	0.0	0		0	0	0	0
Pump to drain lymph nodes	5	0.0	0		0	0	0	0

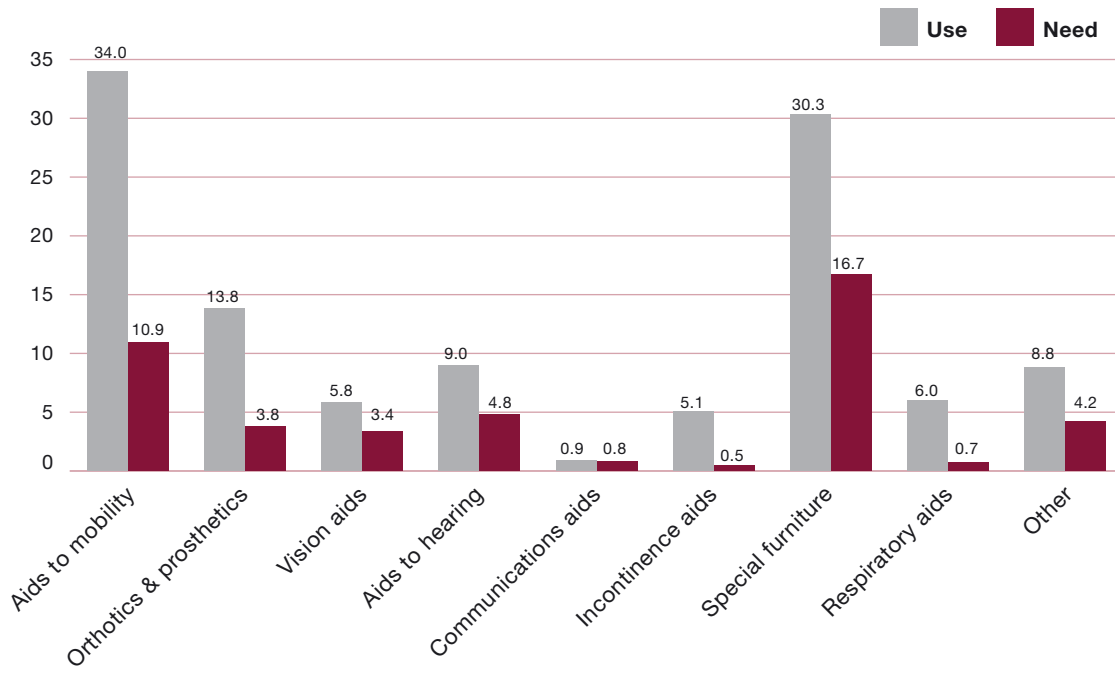


Figure 4 Percentage of people who use or need at least one technical aid and appliance



Measure of activity and participation

As signatories to the World Health Organization's International Classification of Functioning, Disability and Health (ICF), the DoHC recognised the value of expanding data collection efforts to include indicators of participation based on the ICF, and established the Measure of Activity and Participation (MAP) subgroup to oversee the piloting of new survey questions in 2003. The MAP was introduced on the NPSDD dataform in 2004 and consists of three sections:

- Barriers and Challenges – what barriers to participation has the individual experienced in the previous 12 months? Barriers include such things income, transport, physical environment, attitudes.
- Participation Restriction – to what extent has participation in major life areas such as education, employment, socialising, shopping, been restricted in the previous twelve months?
- World Health Organization Disability Assessment Schedule 2.0 (WHODAS 2.0) – to what extent has the individual experienced difficulty with daily activities of functioning, such as washing, dressing, communicating, concentrating, in the previous 30 days. This is a standardized measure developed by the WHO, based on the ICF principles and available in a number of formats. The NPSDD incorporates the 12-item version.

The MAP provides a more holistic definition of disability based on the ICF and has the potential to track the impact of service interventions on the participation and functioning experience of people registered on the NPSDD. For example, to compare the participation and functioning experience of individuals pre and post service provision. The hope is that the provision of services will impact positively on the participation and functioning experience. MAP can track this over time. The review and update of data is crucial to exploring the data in this way.

The MAP is an adult measure only and captures information on people aged 16 years or over. With this in mind and the fact that it was introduced two years after national roll out of the NPSDD, it should be noted that not everyone registered has completed this section of the form. Thus the figures presented below are based on the 11,365 people who had completed this section of the form by December 2009. This is the first time that MAP data have been included in the Annual Report along side service information. The figures provide high level data on the percentage of people who completed this section who encountered barriers and experienced some participation restriction in the 12 months prior to the NPSDD interview and the percentage of people who experienced difficulty with daily activities. For further information on MAP and more detailed exploration of the data please see the MAP bulletin series available on the HRB website (www.hrb.ie).

Figure 5 shows the percentage of those people who completed the MAP section of the form by December 2009 and who encountered barriers to their participation in the 12 months prior to his/her NPSDD interview. The physical environment was found to be the greatest barrier to participation (54.9% of people) followed by climate/weather (49.3%).

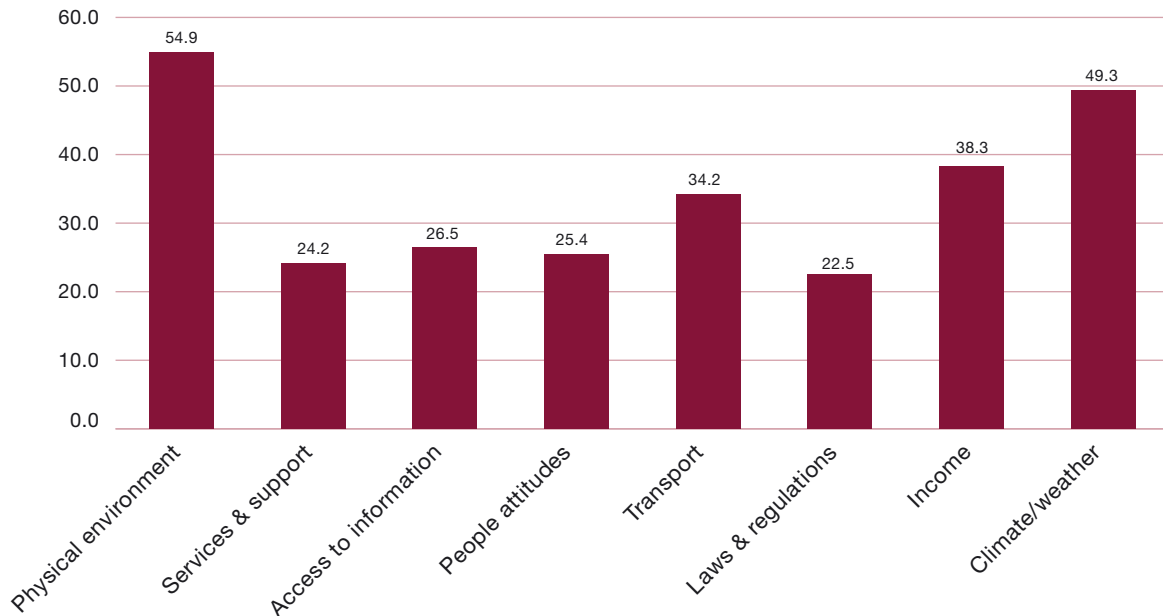


Figure 5 Barriers and Challenges (n=11,365)

Figure 6 presents information on the extent of participation restriction experienced by individuals in various life areas. The extent of restriction can be mild, moderate, severe or complete but the data presented below groups these four categories into one category of 'some' restriction. As the graph illustrates, socialising (56.0%) and sports and physical recreation (55.8%) were the greatest areas of restriction experienced by this group.



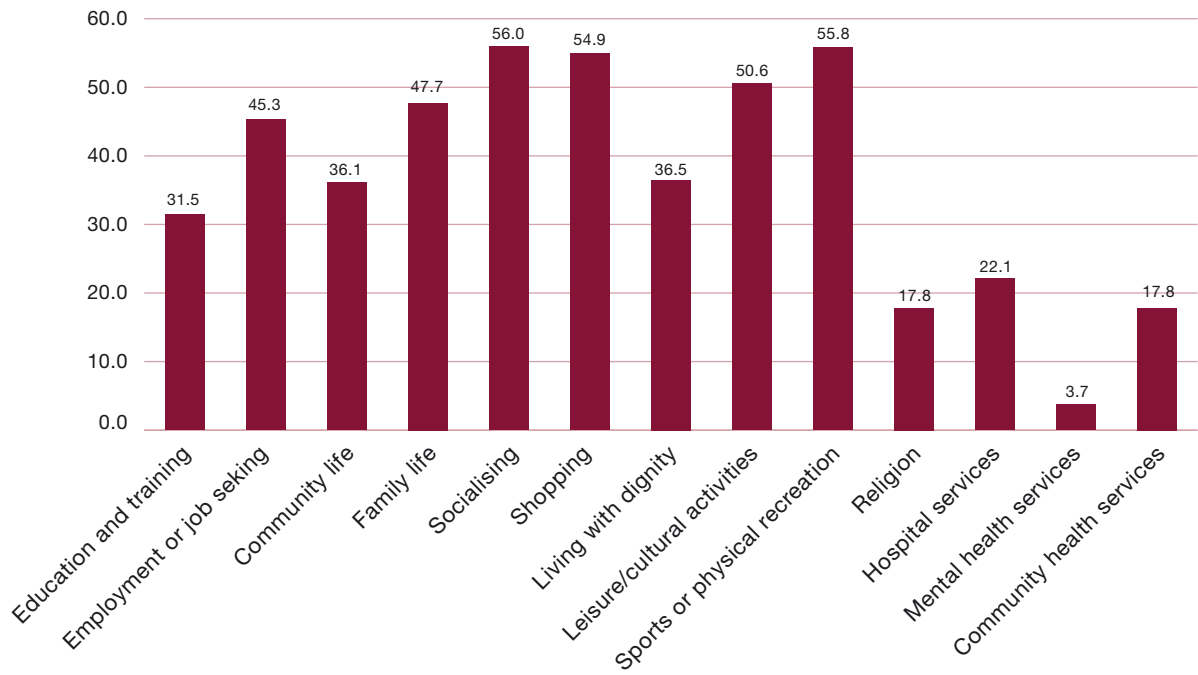


Figure 6 Participation Restriction (n=11,365)

The WHODAS 2.0 captures information on the extent of difficulty with functioning in daily activities. Similarly to participation, the extent of difficulty can be mild, moderate, severe, extreme/cannot do but the data presented below represent one category of 'some' difficulty. The emotional affect of disability was the greatest area of difficulty in the 30 days prior to the NPSDD interview with 73.1% indicating some difficulty. Standing for long periods (70.6%) and walking long distances (69.0%) were also high.

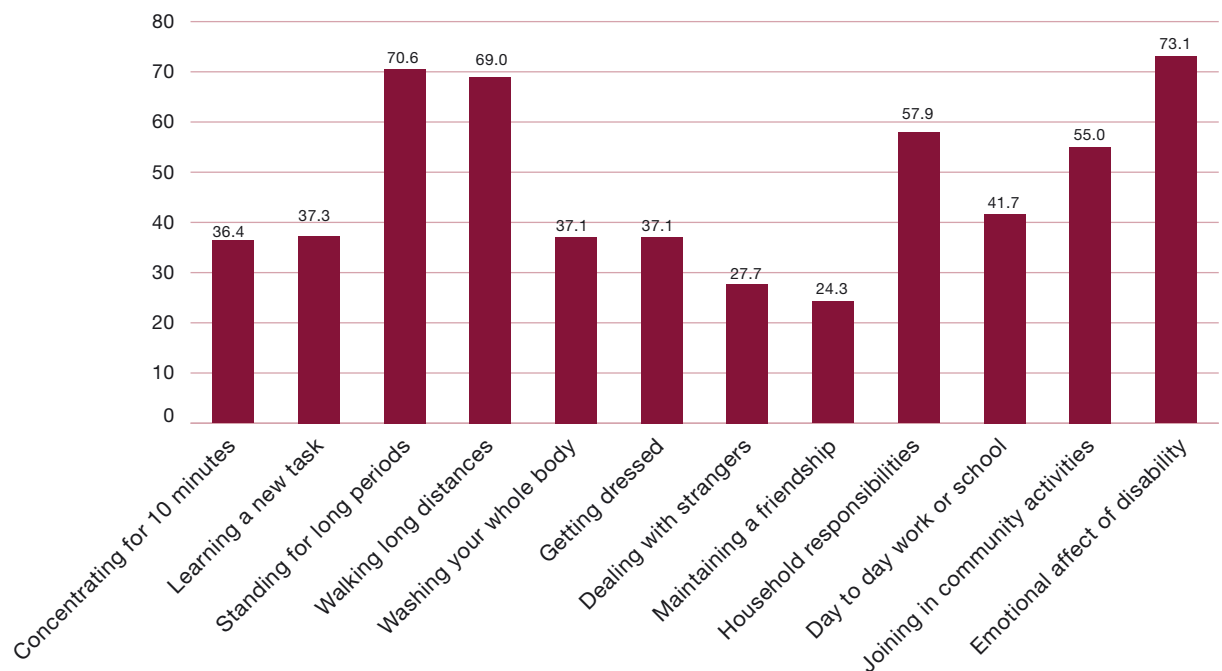


Figure 7 WHODAS 2.0 – World Health Organization Disability Assessment Schedule (n=11,365)



