



HRB Statistics Series 14

Annual Report of the National Physical and Sensory
Disability Database Committee 2010

Mary-Ann O'Donovan



Leeza Kane

Leeza began her studies in photography in 1999 and went on to gain a degree from the Institute of Art, Design and Technology. During her studies Leeza explored themes and relationships between photography and society and continues to do this today.

She won an award called “art on the DART” where her photographs were displayed along the DART line including a photograph called “one” which stayed at Pearse station for 2 years.

Leeza has a passion for light and colour, how colour reflects the beauty of nature and how texture and form come to life through photography. She believes art and nature can be an outlet in the sometimes hectic world we live in.

“I took this photograph on a crisp summer’s morning in July 2011 in Bray, the sun rose at 5 in the morning and apart from a couple of people, it was just me and the seafront. The whole area was empty and the powerful light lit up the seafront. It is part of a group of photographs looking at light falling onto our natural wonders at different times in the day, giving light, warmth and energy”.

Leeza is preparing for workshops with the Little Bray Resource Centre, where she will train people from the area in photography. The aim of these classes is to teach skills, encourage people to be creative with their cameras and give them access to quality arts provision. She wishes to acknowledge IntroArt for their support. IntroArt is a registered charity working to support people with disabilities into mainstream arts services.



*‘5am Horizon’
by Leeza Kane*

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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 (1965–2009)
- National Physical and Sensory Disability Database Committee Annual Reports (2004–2009)
- National Intellectual Disability Database Committee Annual Reports (1996–2010)



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, Walsh D and Moran R (2010) *Activities of Irish Psychiatric Units and Hospitals 2009*. HRB Statistics Series 9. Dublin: Health Research Board.

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

O'Donovan MA, Doyle A and Craig S (2010) *Annual report of the National Physical and Sensory Disability Database Committee 2009* HRB Statistics Series 11. Dublin: Health Research Board.

Daly A and Walsh D (2011) *Irish Psychiatric Units and Hospitals Census 2010*. HRB Statistics Series 12. Dublin: Health Research Board.

Kelly F and Kelly C (2011) *Annual report of the National Intellectual Disability Database Committee 2010*. HRB Statistics Series 13. Dublin: Health Research Board.



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Members of the National Physical and Sensory Disability Database Committee in 2010

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Chairperson's statement

I am pleased to introduce the 2010 Annual Report of the National Physical and Sensory Disability Database.

Since 2002 the database has provided information on the specialist services provided to, and the specialist needs of people with a physical, sensory and/or a speech and language disability to the Health Service Executive and voluntary organisations providing services.

This year's annual report is based on an analysis of just over 25,000 people registered on the database.

The database continues to be a valuable source of information. It is the only national source of information of its kind in Ireland. Requests for information from various sources have been facilitated throughout the year including:

- The Department of Health (Value for Money and Policy Review of Disability Services in Ireland),
- The National Disability Authority,
- The HSE including regional and local health offices, and,
- Researchers.

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

The database committee is committed to improving the quality and relevance of the database. In this context, I am pleased to see this year the introduction of a question on specialised hospital services. This new question will capture the specialised hospital services currently accessed or required by the person registered on the database. I am also pleased to report that work continues on enabling non-statutory service providers to access the database system directly.

I would like to acknowledge the ongoing work of the database's Committee members and of those who are involved in its important sub-committees. I would also like to thank the staff of the Disability Databases 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 using the demographic profiles of the individuals registered on the NPSDD.

In December 2010 there were 29,075 people registered on the NPSDD. For the purposes of analysis for this report, people aged 66 years or over at the time of reporting (3,884 records) were excluded as responsibility for the provision of services for this group lies with the Office for Older People in the Department of Health (DoH) and the Health Service Executive (HSE), rather than with the DoH Office for Disability and Mental Health. The analysis in this document is based on the remaining 25,191 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, and/or who are receiving a specialised hospital 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, and/or are receiving a specialised hospital service, which is related to their disability and
5. have consented to being included on the database.

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 the proportion of people living in Ireland who have a physical or sensory disability who have opted not to be registered on the NPSDD.
- The data contained in this report represents the situation in December 2010. Because progress towards achieving target coverage for the NPSDD has been 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 DoH's Office for Older People and the HSE rather than with the DoH's 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).

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. In particular, in 2009 and 2010, the HRB undertook to review some of the cases in the north-west and produced a report which has implications for the review process in other HSE areas. As a result of this work and the efforts of the HSE areas, some changes in the data are visible. 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. Further work is likely to continue in this area. In addition, the number of people in the over 65-year age category is increasing annually while the numbers reported on in the annual report are decreasing.

Current use of the NPSDD

The NPSDD continues to be a very valuable source of information on the needs of people with physical and sensory disability. It is the only national source of information of this kind in Ireland. Requests for information from various sources have been facilitated throughout the year:

- DoH and Department of Finance request for information for Value for Money Review of Disability Services and Policy
- DoH National Children's Office request for data for National Data and Research Strategy on Children's Lives
- DoH Information Unit request for latest figures for its health statistics publications
- Requests by the National Disability Authority for disability information
- HSE regional and Local Health Office requests on an on-going basis. Researchers use the data to provide context for their research study.

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).

NPSDD developments

There are a number of developments underway to deliver 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 question

In January 2011, the new specialised hospital services question was introduced. This followed from a recommendation made at 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, DoH, HRB, non-statutory service providers and disability organisation representative bodies. It was felt that the current listing of services did not fully represent the range 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, neurology, as in the case of conditions such as epilepsy. This new question captures the specialised hospital services currently accessed or required.

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

In 2010, 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 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. Work has continued and the project is now in phase II of the pilot. This is based on the National Intellectual Disability Database (also managed by the HRB Disability Databases Team) 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 at regional and national HSE levels. In 2011, the HRB began work on an addition to the database that will enable case-based agency-level data to be captured. This will involve key stakeholders already involved in the direct access project.

We thank Mr Conor Teljeur of the Small Area Health Research Unit in Trinity College Dublin for inserting the county boundaries into the map used in Figure 1 and Ms Sharon Kelly for her work on checking the tables within the report.



Executive summary

Gender and age

Males accounted for a higher percentage of registrations than females. A total of 13,337 males (52.9%) and 11,854 females (47.1%) were registered. Over two-thirds of all registrations were adults (17,564, 69.7%) and just under one-third were children (under 18 years at the time of reporting) (7,627, 30.3%).

Living accommodation and arrangements

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

- 21,446 people (85.1%) lived with family members.
- 2,464 people (9.8%) lived alone.
- 116 people (0.5%) lived with foster families.
- 179 people (0.7%) lived with non-relatives.
- 809 people (3.2%) lived in full-time residential services.
- 173 people (0.7%) described their living arrangements as 'other'.

The 25,191 people registered on the database described their type of living accommodation as follows:

- 18,891 people (75.0% of all registrations) were in private accommodation.
- 5,322 people (21.1%) were in rented accommodation.
- 809 people (3.2%) were in full-time residential services.
- 167 people (0.7%) were in mobile homes or caravans, were homeless or described their living accommodation as 'other'.

Primary carer

More than half of the people registered on the NPSDD, (14,819, 58.8%) reported that they had a primary carer. The majority of primary carers were aged between 19 and 70 years (14,410, 97.3%); 33 (0.2%) were 18 years of age or under, and 367 (2.5%) were aged over 70 years.

Type of disability

The most frequently reported types of disability were:

- Physical disability (14,445 people, 57.3%)
- Hearing loss/deafness (1,448 people, 5.7%)
- Visual disability (1,339 people, 5.3%)
- Speech and language (2,527 people, 10.0%)
- Multiple disabilities (5,431 people, 21.6%).

Service provision in 2010

Service provision to those registered on the NPSDD in December 2010 may be summarised as follows:

- 21,389 people with a physical and/or sensory disability were in receipt of therapeutic intervention and rehabilitation services; this group represents 84.9% of all NPSDD registrations.
- 7,332 people (29.1%) were in receipt of personal assistance and support services.
- 13,483 people (53.5%) were in receipt of day services and activities.
- 857 people (3.4%) were availing of residential services.
- 2,424 people (9.6%) were availing of planned respite services and 259 people (1.0%) had used emergency respite services in the twelve-month period prior to their NPSDD interview.
- 16,543 people (65.7%) were using at least one technical aid or appliance.

Service requirements 2011–2015

The service requirements of those registered on the NPSDD in December 2010 may be summarised as follows:

Therapeutic intervention and rehabilitation services

- 11,955 people (47.5%) required assessment for therapeutic intervention and rehabilitation services.
- 1,791 people (7.1%) were assessed and placed on a waiting list for these services.
- 96 people (0.4%) were assessed but were unable to avail of these services for a variety of reasons.
- 4,866 people (19.3%) needed an enhancement to these services ¹.

Personal assistance and support services

- 5,301 people (21.0%) required assessment for personal assistance and support services.
- 292 people (1.2%) had been assessed and wait-listed for personal assistance and support services.
- 63 people (0.3%) were assessed but were unable to avail of these services for a variety of reasons.
- 1,051 people (4.2%) needed an enhancement to these services.

Day services or activities

- 3,020 people (12.0%) were not availing of day services or activities, but required such supports.
- 3,625 people (14.4%) who were availing of day services or activities require some change or alternative to their existing 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.

Residential services

- 649 people (2.6%) registered on the NPSDD were not availing of residential services but required these supports.
- 146 people (0.6%) were availing of residential services and needed some change or alternative to their existing services.

Respite services

- 3,292 people (13.1%) required assessment for respite services.
- 156 people (0.6%) had already been assessed and were wait-listed for respite services.
- 44 people (0.2%) had been assessed as requiring a respite service but were unable to avail of the service for a variety of reasons.
- 659 people (2.6%) needed an enhancement to these services.

Technical aids and appliances (TAAs)

- 7,628 people (30.3%) required at least one technical aid or appliance.

The various services listed above are required by individuals in the course of the period 2011–2015, 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, 2010

	n	% of 25191
Dublin Mid-Leinster	7919	31.4
Southern	7268	28.9
Western	6883	27.3
Dublin North East	3121	12.4
Total	25191	100.0

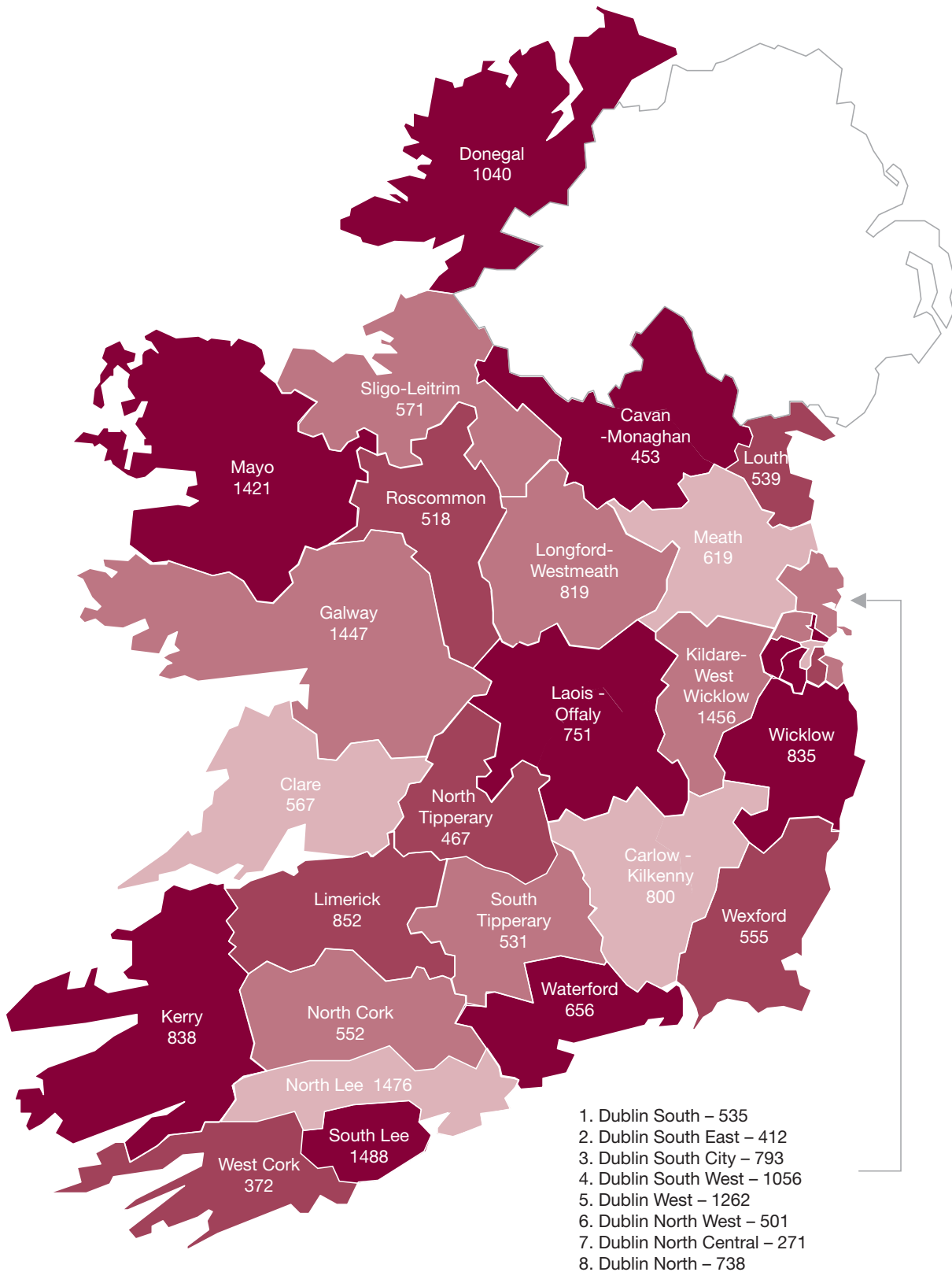


Figure 1 Number of people registered in the Local Health Offices (LHO) of the Health Service Executive, 2010



Table 2 Age group and gender, 2010

	Female		Male		Total	
	n	% of 11854	n	% of 13337	n	% of 25191
0-4 years	168	1.4	259	1.9	427	1.7
5-12 years	1603	13.5	2745	20.6	4348	17.3
13-17 years	1078	9.1	1774	13.3	2852	11.3
Under 18 years	2849	24.0	4778	35.8	7627	30.3
18-24 years	1038	8.8	1302	9.8	2340	9.3
25-39 years	1770	14.9	1806	13.5	3576	14.2
40-59 years	4335	36.6	3683	27.6	8018	31.8
60-65 years	1862	15.7	1768	13.3	3630	14.4
18 years or over	9005	76.0	8559	64.2	17564	69.7
Total	11854	100.0	13337	100.0	25191	100.0

Table 3 Type of living accommodation, 2010

	n	% of 25189*
Private accommodation	18891	75.0
Private accommodation: adapted	4136	16.4
Private accommodation: not adapted	14755	58.6
Rented accommodation	5322	21.1
Rented accommodation: adapted – county council	1203	4.8
Rented accommodation: adapted – private housing	179	0.7
Rented accommodation: adapted – housing association	146	0.6
Rented accommodation: not adapted – county council	2785	11.1
Rented Accommodation: not adapted – private housing	855	3.4
Rented Accommodation: not adapted – housing association	154	0.6
Full-time residential service	809	3.2
Full-time residential service	809	3.2
Other	167	0.7
Mobile home/caravan	63	0.3
Homeless	7	0.0
Other	97	0.4
Total	25189*	100.0

*Two people did not provide a response

Table 4 Type of living arrangements, 2010

	n	% of 25187*
Living alone	2464	9.8
Living with family	21446	85.1
With husband, wife or partner and no children	2326	9.2
With husband, wife or partner and children	4803	19.1
With one parent	1566	6.2
With both parents	2810	11.2
With parent(s) and sibling(s)	8455	33.6
With sibling(s)	403	1.6
With son(s)/daughter(s)	879	3.5
With other family relative(s)	204	0.8
Living with non-family	1277	5.1
With non-relative(s) (e.g. friends, neighbours)	179	0.7
In full-time residential service	809	3.2
With foster family	116	0.5
Other	173	0.7
Total	25187*	100.0

*Four people did not provide a response

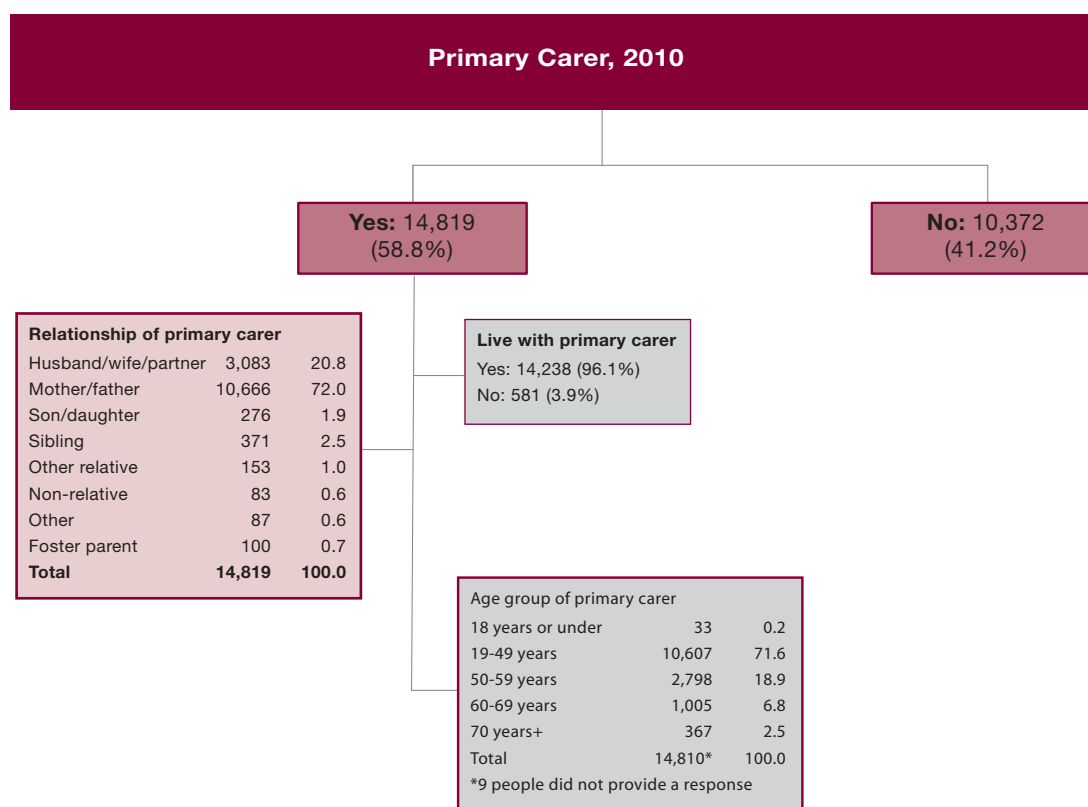
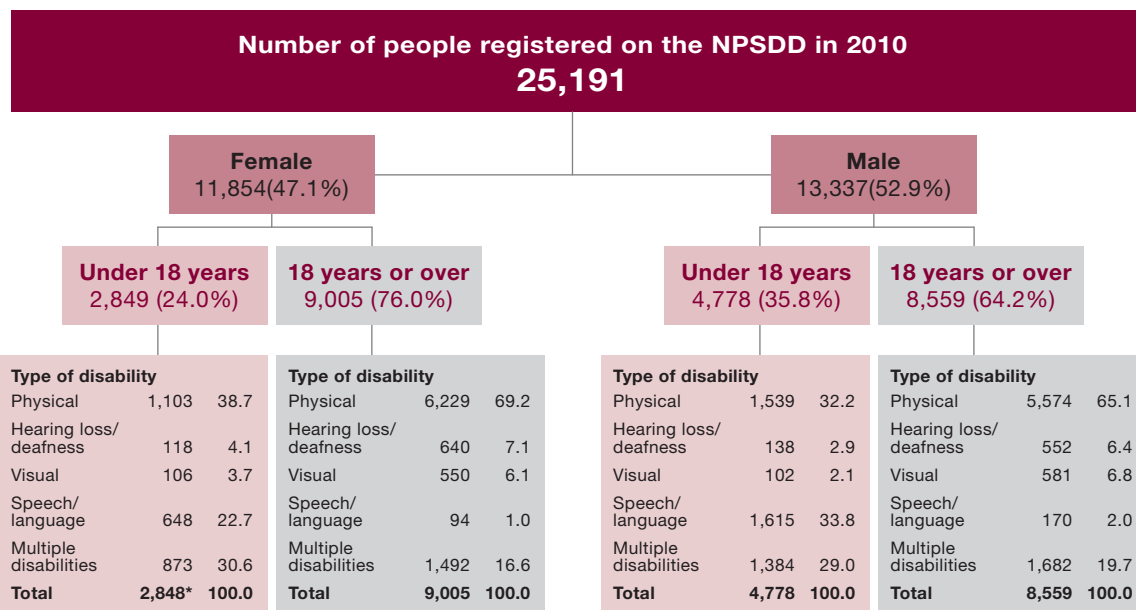


Figure 2 Relationship and age group of primary carer



*1 person did not report type of disability

Figure 3 Type of disability by age group and gender, 2010

Table 5 Primary diagnostic ICD-10 categories by age group, 2010

	Primary diagnostic category					
	Under 18 years		18 and over		All ages	
	n	%	n	%	n	%
Nervous system	1718	22.5	8590	48.9	10308	40.9
Musculo-skeletal system	399	5.2	2818	16.0	3217	12.8
Communication	3060	40.1	453	2.6	3513	13.9
Intellectual/developmental	256	3.4	25	0.1	281	1.1
Behavioural	18	0.2	22	0.1	40	0.2
Ear complaints	558	7.3	1695	9.7	2253	8.9
Endocrine and metabolic	172	2.3	688	3.9	860	3.4
Eye complaints	265	3.5	1432	8.2	1697	6.7
Respiratory system	373	4.9	577	3.3	950	3.8
Congenital	436	5.7	169	1.0	605	2.4
Circulatory system	156	2.0	384	2.2	540	2.1
Infectious and parasitic	10	0.1	247	1.4	257	1.0
Neoplasms	38	0.5	158	0.9	196	0.8
Digestive system	56	0.7	102	0.6	158	0.6
Genito-urinary system	35	0.5	88	0.5	123	0.5
Blood and blood forming organs	55	0.7	45	0.3	100	0.4
Skin disease or disorders	21	0.3	71	0.4	92	0.4
Total	7626*	100.0	17564	100.0	25190*	100.0

*One person did not provide a response for primary diagnostic category

Table 6 Primary diagnostic ICD-10* categories, 2010

	Overall total	
	n	% of 25190**
Nervous system	10308	40.9
Multiple sclerosis	2603	10.3
Cerebral palsy	1972	7.8
Stroke hemiplegia	1019	4.0
Head injury	826	3.3
Epilepsy	522	2.1
Spina bifida	471	1.9
Spinal injury	427	1.7
Spina bifida and hydrocephalus	376	1.5
Muscular dystrophy	282	1.1
Unspecified /Other nervous system diagnostic category	254	1.0
Paralytic syndromes paraplegia	240	1.0
Parkinsons disease and related disorders	189	0.8
Friedreichs ataxia or cerebellar ataxia	183	0.7
Hydrocephalus	144	0.6
Paralytic syndromes quadraplegia	117	0.5
Paralytic syndromes Erbs palsy	99	0.4
Neuropathy	85	0.3
Dystonia	71	0.3
Motor neurone disease	56	0.2
Meningitis	47	0.2
Other demyelinating diseases of the central nervous system	41	0.2
Myalgic encephalomyelitis	40	0.2
Paralytic syndromes diplegia	35	0.1
Huntingtons chorea	34	0.1
Guillain-Barre syndrome	33	0.1
Encephalitis	29	0.1
Alzheimers disease and other cerebral degenerations	28	0.1
Myelitis	23	0.1
Myopathy	19	0.1
Myasthenia gravis	18	0.1
Paralytic syndromes monoplegia	11	0.0
Mononeuritis	7	0.0
Myelopathies	7	0.0
Musculo-skeletal system	3217	12.8
Rheumatoid arthritis	609	2.4
Absence or loss of extremity including double amputation	420	1.7
Osteo-arthritis	376	1.5
Back problems	351	1.4
Arthritis (other than osteo or rheumatoid)	235	0.9
Unspecified/Other musculo-skeletal diagnostic category	208	0.8
Permanent injury to upper/lower limb	206	0.8
Deformities/malformations	150	0.6
Hip problems	107	0.4
Scoliosis/curvature of spine	111	0.4
Arthrogryposis	74	0.3



Table 6 Primary diagnostic ICD-10* categories, 2010 (*continued*)

	Overall total	
	n	% of 25190**
Rheumatism ²	59	0.2
Osteoporosis	58	0.2
Dwarfism	55	0.2
Connective tissue disorder	55	0.2
Osteodystrophies	49	0.2
Knee problems	30	0.1
Muscular atrophy	30	0.1
Other permanent injuries (incl. skin graft)	22	0.1
Osteomyelitis	12	0.0
Communication	3513	13.9
Specific speech and language disorder	1798	7.1
Speech problems	642	2.5
Dyspraxia	467	1.9
Language problems	350	1.4
Dyslexia	149	0.6
Disfluency	68	0.3
Dysphasia	16	0.1
Dysphonia	10	0.0
Developmental coordination disorder	9	0.0
Unspecified/Other communication diagnostic category	4	0.0
Intellectual/developmental	281	1.1
Developmental delay	238	0.9
Sensory integration dysfunction/sensory processing disorder	26	0.1
Intellectual disability	13	0.1
Persistent vegetative state	4	0.0
Behavioural	40	0.2
Attention deficit disorder	12	0.0
Autistic spectrum disorder	8	0.0
Tourettes syndrome	9	0.0
Unspecified/Other behavioural diagnostic category	6	0.0
Depression	5	0.0
Ear complaints	2253	8.9
Congenital deafness	921	3.7
Deafness not specified elsewhere	391	1.6
Conductive deafness	346	1.4
Sensorineural deafness	313	1.2
Unspecified/Other ear complaint diagnostic category	224	0.9
Tinnitus	44	0.2
Menieres disease	14	0.1

- 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 his/her diagnosis as 'rheumatism' is asked to clarify the type of arthritis he/she has been diagnosed with.

Table 6 Primary diagnostic ICD-10* categories, 2010 (continued)

	Overall total	
	n	% of 25190**
Endocrine and metabolic	860	3.4
Diabetes	566	2.2
Metabolic disorders	154	0.6
Unspecified/Other endocrine metabolic diagnostic category	43	0.2
Immunity disorders	37	0.1
Other endocrine disorders	36	0.1
Disorders of thyroid gland	18	0.1
Osteomalacia rickets	6	0.0
Eye complaints	1697	6.7
Blindness/low vision not specified elsewhere	398	1.6
Retinosa pigmentosa	240	1.0
Congenital blindness	222	0.9
Congenital anomalies of the eye	210	0.8
Unspecified/Other eye complaint diagnostic category	209	0.8
Blindness caused by diabetes	99	0.4
Glaucoma	88	0.3
Cataracts	66	0.3
Retinal detachment	63	0.3
Macular degeneration	60	0.2
Retinopathy	34	0.1
Visual disturbances	8	0.0
Respiratory system	950	3.8
Cystic fibrosis	621	2.5
Asthma	147	0.6
Bronchitis/emphysema	109	0.4
Unspecified/Other respiratory system diagnostic category	51	0.2
Lung disease due to external agents (aspiration pneumonia)	22	0.1
Congenital	605	2.4
Cleft lip and/or palate	216	0.9
Other congenital anomalies	166	0.7
Chromosomal anomalies (incl. Downs syndrome & Larsons syndrome)	127	0.5
Unspecified/Other congenital diagnostic category	96	0.4
Circulatory system	540	2.1
Congenital heart disease	185	0.7
Cerebrovascular disease (includes sub-arachnoid haemorrhage)	115	0.5
Coronary artery disease	75	0.3
Unspecified/Other circulatory system diagnostic category	62	0.2
Hypertensive disease	47	0.2
Peripheral vascular disease	26	0.1
Ischaemic heart disease	12	0.0
Angina	13	0.1
Varicose veins incl varicose ulcers	5	0.0



Table 6 Primary diagnostic ICD-10* categories, 2010 (*continued*)

	Overall total	
	n	% of 25190**
Infectious and parasitic	257	1.0
Polio	227	0.9
HIV	11	0.0
Unspecified/Other infectious parasitic diagnostic category	11	0.0
Toxoplasmosis	8	0.0
Neoplasms	196	0.8
Neoplasms	196	0.8
Digestive system	158	0.6
Liver problems (incl. Hepatitis B and/or C)	40	0.2
Crohns disease	32	0.1
Intestinal problems	30	0.1
Unspecified/Other digestive system diagnostic category	28	0.1
Oesophagus, stomach and duodenum problems	14	0.1
Irritable bowel syndrome	7	0.0
Coeliac disease	7	0.0
Genitourinary system	123	0.5
Kidney disease or renal failure	93	0.4
Unspecified/Other genitourinary system diagnostic category	30	0.1
Blood and blood forming organs	100	0.4
Blood and blood forming organs	100	0.4
Skin disease or disorders	92	0.4
Erythematosis conditions	49	0.2
Unspecified skin disease/disorder diagnostic category	34	0.1
Dystrophic epidermolysis bullosa	9	0.0
TOTAL	25190**	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)

**One person did not provide a response for primary diagnostic category

Table 7 Secondary diagnostic ICD-10 categories by age group, 2010

	Secondary Diagnostic Category					
	Under 18 years		18 and over		All ages	
	n	%	n	%	n	%
Nervous system	285	3.7	1151	6.6	1436	5.7
Musculo-skeletal system	94	1.2	1464	8.3	1558	6.2
Communication	1037	13.6	511	2.9	1548	6.1
Intellectual/developmental	243	3.2	144	0.8	387	1.5
Behavioural	367	4.8	424	2.4	791	3.1
Ear complaints	159	2.1	431	2.5	590	2.3
Endocrine and metabolic	59	0.8	930	5.3	989	3.9
Eye complaints	195	2.6	573	3.3	768	3.0
Respiratory system	254	3.3	449	2.6	703	2.8
Congenital	75	1.0	36	0.2	111	0.4
Circulatory system	49	0.6	535	3.0	584	2.3
Infectious and parasitic	2	0.0	27	0.2	29	0.1
Neoplasms	7	0.1	105	0.6	112	0.4
Digestive system	47	0.6	252	1.4	299	1.2
Genitourinary system	36	0.5	143	0.8	179	0.7
Blood and blood forming organs	5	0.1	36	0.2	41	0.2
Skin disease or disorders	27	0.4	62	0.4	89	0.4
Not applicable	4686	61.4	10288	58.6	14974	59.4
Total	7627	100.0	17561*	100.0	25188*	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, 2010

	Under 18		18 and over		All ages	
	n	% of 7627	n	% of 17564	n	% of 25191
General services						
Physiotherapist	2637	34.6	5213	29.7	7850	31.2
Occupational therapist	2405	31.5	4416	25.1	6821	27.1
Speech and language therapist	4145	54.3	1033	5.9	5178	20.6
Chiropodist	65	0.9	2518	14.3	2583	10.3
Clinical nutritionist	1095	14.4	2440	13.9	3535	14.0
Orthotist/prosthetist	1256	16.5	2093	11.9	3349	13.3
Public health nurse	1572	20.6	4315	24.6	5887	23.4
Continence advisor	273	3.6	952	5.4	1225	4.9
Social worker	1312	17.2	1697	9.7	3009	11.9
Psychologist	1936	25.4	1198	6.8	3134	12.4
Counsellor	161	2.1	923	5.3	1084	4.3
Play therapist	257	3.4	6	0.0	263	1.0
Creative therapy	136	1.8	369	2.1	505	2.0
Complementary therapy	322	4.2	1331	7.6	1653	6.6
Assistive technology/client technical service	374	4.9	1313	7.5	1687	6.7
Community resource worker	412	5.4	3376	19.2	3788	15.0
Visual impairment specific services						
Mobility/rehabilitation worker for the blind	117	1.5	561	3.2	678	2.7
Hearing impairment specific services						
Audiologist	1298	17.0	1501	8.5	2799	11.1
Aural rehabilitation	64	0.8	87	0.5	151	0.6
Tinnitus retraining	7	0.1	60	0.3	67	0.3

Table 9 Future need for therapeutic intervention and rehabilitation services by age group, 2010

	Under 18 years			Over 18 years			All ages		
	Immediate need	2011-2015	All years	Immediate need	2011-2015	All years	n	% of 25191*	
Physiotherapy									
Assessment required	419	25	444	3487	234	3721	4165	16.5	
Assessed and on waiting list	91	0	91	315	0	315	406	1.6	
Assessed but unable to avail of	3	0	3	36	0	36	39	0.2	
Need enhanced service	420	4	424	1111	21	1132	1556	6.2	
Overall demand	933	29	962	4949	255	5204	6166	24.5	
Occupational therapy									
Assessment required	665	33	698	2564	185	2749	3447	13.7	
Assessed and on waiting list	268	2	270	201	0	201	471	1.9	
Assessed but unable to avail of	3	0	3	8	0	8	11	0.0	
Need enhanced service	419	4	423	616	7	623	1046	4.2	
Overall demand	1355	39	1394	3389	192	3581	4975	19.7	
Speech and language therapy									
Assessment required	518	21	539	742	33	775	1314	5.2	
Assessed and on waiting list	496	1	497	108	0	108	605	2.4	
Assessed but unable to avail of	3	0	3	9	0	9	12	0.0	
Need enhanced service	895	10	905	209	2	211	1116	4.4	
Overall demand	1912	32	1944	1068	35	1103	3047	12.1	
Chiropodist									
Assessment required	124	3	127	2432	47	2479	2606	10.3	
Assessed and on waiting list	5	0	5	66	0	66	71	0.3	
Assessed but unable to avail of	0	0	0	11	0	11	11	0.0	
Need enhanced service	5	0	5	434	3	437	442	1.8	
Overall demand	134	3	137	2943	50	2993	3130	12.4	
Clinical nutritionist									
Assessment required	232	1	233	1187	32	1219	1452	5.8	
Assessed and on waiting list	27	0	27	54	0	54	81	0.3	
Assessed but unable to avail of	0	0	0	2	0	2	2	0.0	
Need enhanced service	72	0	72	138	3	141	213	0.8	
Overall demand	331	1	332	1381	35	1416	1748	6.9	

Table 9 Future need for therapeutic intervention and rehabilitation services by age group, 2010 (continued)

	Under 18 years			Over 18 years			All ages	
	Immediate need	2011-2015	All years	Immediate need	2011-2015	All years	n	% of 25191*
Orthotist/prosthetist	144	4	148	428	18	446	594	2.4
Assessed and on waiting list	15	1	16	36	0	36	52	0.2
Assessed but unable to avail of	0	0	0	1	0	1	1	0.0
Need enhanced service	82	0	82	232	9	241	323	1.3
Overall demand	241	5	246	697	27	724	970	3.9
Public health nurse	113	4	117	998	34	1032	1149	4.6
Assessed and on waiting list	6	0	6	18	0	18	24	0.1
Assessed but unable to avail of	1	0	1	1	0	1	2	0.0
Need enhanced service	61	0	61	183	2	185	246	1.0
Overall demand	181	4	185	1200	36	1236	1421	5.6
Continence advisor	147	5	152	613	23	636	788	3.1
Assessed and on waiting list	4	0	4	14	0	14	18	0.1
Assessed but unable to avail of	0	0	0	1	0	1	1	0.0
Need enhanced service	18	0	18	55	2	57	75	0.3
Overall demand	169	5	174	683	25	708	882	3.5
Social worker	143	7	150	743	27	770	920	3.7
Assessed and on waiting list	6	0	6	13	0	13	19	0.1
Assessed but unable to avail of	0	0	0	3	0	3	3	0.0
Need enhanced service	46	2	48	110	2	112	160	0.6
Overall demand	195	9	204	869	29	898	1102	4.4
Psychologist	808	66	874	730	35	765	1639	6.5
Assessed and on waiting list	142	2	144	35	0	35	179	0.7
Assessed but unable to avail of	3	0	3	5	0	5	8	0.0
Need enhanced service	252	8	260	140	4	144	404	1.6
Overall demand	1205	76	1281	910	39	949	2230	8.9

Table 9 Future need for therapeutic intervention and rehabilitation services by age group, 2010 (continued)

	Under 18 years			Over 18 years			All ages		
	Immediate need	2011-2015	All years	Immediate need	2011-2015	All years	n	% of 25191*	
Counsellor									
Assessment required	275	45	320	1157	30	1187	1507	6.0	
Assessed and on waiting list	10	0	10	30	0	30	40	0.2	
Assessed but unable to avail of	1	1	2	5	0	5	7	0.0	
Need enhanced service	15	0	15	107	3	110	125	0.5	
Overall demand	301	46	347	1299	33	1332	1679	6.7	
Play therapist									
Assessment required	268	2	270	29	0	29	299	1.2	
Assessed and on waiting list	6	0	6	0	0	0	6	0.0	
Assessed but unable to avail of	0	0	0	0	0	0	0	0.0	
Need enhanced service	24	0	24	1	0	1	25	0.1	
Overall demand	298	2	300	30	0	30	330	1.3	
Creative therapist									
Assessment required	251	5	256	346	9	355	611	2.4	
Assessed and on waiting list	2	0	2	4	0	4	6	0.0	
Assessed but unable to avail of	0	0	0	2	0	2	2	0.0	
Need enhanced service	15	0	15	63	0	63	78	0.3	
Overall demand	268	5	273	415	9	424	697	2.8	
Complementary therapy									
Assessment required	280	4	284	1772	63	1835	2119	8.4	
Assessed and on waiting list	2	0	2	17	0	17	19	0.1	
Assessed but unable to avail of	1	0	1	1	0	1	2	0.0	
Need enhanced service	51	0	51	272	3	275	326	1.3	
Overall demand	334	4	338	2062	66	2128	2466	9.8	
Assistive technology/client technical service									
Assessment required	252	16	268	662	13	675	943	3.7	
Assessed and on waiting list	20	0	20	30	0	30	50	0.2	
Assessed but unable to avail of	0	0	0	1	0	1	1	0.0	
Need enhanced service	41	3	44	244	6	250	294	1.2	
Overall demand	313	19	332	937	19	956	1288	5.1	

Table 9 Future need for therapeutic intervention and rehabilitation services by age group, 2010 (continued)

	Under 18 years			Over 18 years			All ages	
	Immediate need	2011-2015	All years	Immediate need	2011-2015	All years	n	% of 25191*
Community resource worker	119	3	122	596	12	608	730	2.9
Assessment required								
Assessed and on waiting list	1	1	2	13	0	13	15	0.1
Assessed but unable to avail of	0	0	0	2	0	2	2	0.0
Need enhanced service	31	1	32	159	4	163	195	0.8
Overall demand	151	5	156	770	16	786	942	3.7
Visual impairment specific services								
Mobility/rehabilitation worker for the blind	31	5	36	162	9	171	207	0.8
Assessment required								
Assessed and on waiting list	1	0	1	10	0	10	11	0.0
Assessed but unable to avail of	0	0	0	0	0	0	0	0.0
Need enhanced service	12	0	12	39	2	41	53	0.2
Overall demand	44	5	49	211	11	222	271	1.1
Hearing impairment specific services								
Audiologist	182	1	183	567	20	587	770	3.1
Assessment required								
Assessed and on waiting list	44	1	45	34	1	35	80	0.3
Assessed but unable to avail of	0	0	0	3	0	3	3	0.0
Need enhanced service	119	1	120	210	4	214	334	1.3
Overall demand	345	3	348	814	25	839	1187	4.7
Aural rehabilitation	21	2	23	162	1	163	186	0.7
Assessment required								
Assessed and on waiting list	1	0	1	11	0	11	12	0.0
Assessed but unable to avail of	0	0	0	2	0	2	2	0.0
Need enhanced service	7	1	8	22	0	22	30	0.1
Overall demand	29	3	32	197	1	198	230	0.9
Tinnitus retraining	5	2	7	145	1	146	153	0.6
Assessment required								
Assessed and on waiting list	1	0	1	8	0	8	9	0.0
Assessed but unable to avail of	0	0	0	2	0	2	2	0.0
Need enhanced service	0	0	0	13	0	13	13	0.1
Overall demand	6	2	8	168	1	169	177	0.7

*% of 25191 may not always equal overall demand total due to rounding up/down.

Personal assistance and support services

Table 10 Use of personal assistance and support services by age group, 2010

	Under 18 years		18 and over		All ages	
	n	% of 7627	n	% of 17564	n	% of 25191
General services						
Personal assistant	334	4.4	1356	7.7	1690	6.7
Home help	239	3.1	2091	11.9	2330	9.2
Home care assistant	141	1.8	618	3.5	759	3.0
Twilight nurse	19	0.2	27	0.2	46	0.2
Driving instructor (adapted car)	0	0.0	377	2.1	377	1.5
Communication assistant	13	0.2	55	0.3	68	0.3
Peer support	457	6.0	2413	13.7	2870	11.4
Visual impairment specific services						
Guide dog service	0	0.0	118	0.7	118	0.5
Personal reader	6	0.1	41	0.2	47	0.2
Tape (library support)	51	0.7	578	3.3	629	2.5
Braille (library support)	19	0.2	110	0.6	129	0.5
Large print (library support)	62	0.8	225	1.3	287	1.1
Sighted guide	5	0.1	47	0.3	52	0.2
Hearing impairment specific services						
Sign language interpreter	42	0.6	207	1.2	249	1.0
Speed text	4	0.1	62	0.4	66	0.3
Lip speaking	25	0.3	86	0.5	111	0.4
Sign language tuition	55	0.7	120	0.7	175	0.7

Table 11 Future need for personal assistant and support services by age group, 2010

	Under 18 years			Over 18 years			All ages	
	Immediate need	2011-2015	All years	Immediate need	2011-2015	All years	n	% of 25191*
General services								
Personal assistant								
Assessment required	179	21	200	1101	84	1185	1385	5.5
Assessed and on waiting list	24	0	24	86	1	87	111	0.4
Assessed but unable to avail of	2	0	2	7	0	7	9	0.0
Need enhanced service	47	0	47	265	6	271	318	1.3
Overall demand	252	21	273	1459	91	1550	1823	7.2
Home help								
Assessment required	127	5	132	1517	137	1654	1786	7.1
Assessed and on waiting list	5	0	5	57	0	57	62	0.2
Assessed but unable to avail of	2	0	2	8	0	8	10	0.0
Need enhanced service	27	0	27	310	7	317	344	1.4
Overall demand	161	5	166	1892	144	2036	2202	8.7
Home care assistant								
Assessment required	129	4	133	606	34	640	773	3.1
Assessed and on waiting list	6	0	6	15	0	15	21	0.1
Assessed but unable to avail of	1	0	1	7	0	7	8	0.0
Need enhanced service	17	0	17	83	0	83	100	0.4
Overall demand	153	4	157	711	34	745	902	3.6
Twilight nurse								
Assessment required	20	1	21	123	4	127	148	0.6
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	2	0	2	4	0	4	6	0.0
Overall demand	22	1	23	128	4	132	155	0.6
Driving instructor (adapted car)								
Assessment required	9	14	23	716	19	735	758	3.0
Assessed and on waiting list	0	0	0	18	0	18	18	0.1
Assessed but unable to avail of	0	0	0	10	1	11	11	0.0
Need enhanced service	0	0	0	27	0	27	27	0.1
Overall demand	9	14	23	771	20	791	814	3.2

Table 11 Future need for personal assistant and support services by age group, 2010 (continued)

	Under 18 years				Over 18 years				All ages	
	Immediate need		All years		Immediate need		All years		n	% of 25191*
	2011-2015	2011-2015	2011-2015	2011-2015	2011-2015	2011-2015	2011-2015	2011-2015		
Braille (library support)	8	2	10	39	38	1	3	49	0.2	
Assessment required	0	0	0	3	3	0	3	3	0.0	
Assessed and on waiting list	2	0	2	0	0	0	0	2	0.0	
Assessed but unable to avail of	3	0	3	10	10	0	10	13	0.1	
Need enhanced service	13	2	15	51	51	1	52	67	0.3	
Overall demand										
Large print (library support)	37	6	43	175	171	4	175	218	0.9	
Assessment required	3	0	3	11	11	0	11	14	0.1	
Assessed and on waiting list	1	0	1	2	2	0	2	3	0.0	
Assessed but unable to avail of	8	0	8	17	17	0	17	25	0.1	
Need enhanced service	49	6	55	201	201	4	205	260	1.0	
Overall demand										
Sighted guide	4	1	5	79	79	7	86	91	0.4	
Assessment required	1	0	1	1	1	0	1	2	0.0	
Assessed and on waiting list	0	0	0	1	1	0	1	1	0.0	
Assessed but unable to avail of	1	0	1	13	13	0	13	14	0.1	
Need enhanced service	6	1	7	94	94	7	101	108	0.4	
Overall demand										
Hearing impairment specific services										
Sign language interpreter	39	2	41	199	199	3	202	243	1.0	
Assessment required	4	0	4	6	6	0	6	10	0.0	
Assessed and on waiting list	0	0	0	1	1	2	3	3	0.0	
Assessed but unable to avail of	12	0	12	71	71	1	72	84	0.3	
Need enhanced service	55	2	57	277	277	6	283	340	1.3	
Overall demand										
Speed text	37	1	38	196	196	1	197	235	0.9	
Assessment required	1	0	1	11	11	0	11	12	0.0	
Assessed and on waiting list	0	0	0	5	5	0	5	5	0.0	
Assessed but unable to avail of	2	0	2	31	31	0	31	33	0.1	
Need enhanced service	40	1	41	243	243	1	244	285	1.1	
Overall demand										

Table 11 Future need for personal assistant and support services by age group, 2010 (continued)

	Under 18 years			Over 18 years			All ages	
	Immediate need	2011-2015	All years	Immediate need	2011-2015	All years	n	% of 25191*
Lip speaking	35	2	37	192	1	193	230	0.9
Assessed and on waiting list	1	0	1	7	0	7	8	0.0
Assessed but unable to avail of	0	0	0	3	0	3	3	0.0
Need enhanced service	6	0	6	20	0	20	26	0.1
Overall demand	42	2	44	222	1	223	267	1.1
Sign language tuition	56	5	61	219	2	221	282	1.1
Assessed and on waiting list	3	0	3	18	0	18	21	0.1
Assessed but unable to avail of	0	0	0	10	0	10	10	0.0
Need enhanced service	10	0	10	39	0	39	49	0.2
Overall demand	69	5	74	286	2	288	362	1.4

*% of 25191 may not always equal overall demand total due to rounding up/down.

Day services

Table 12 Summary of day service use, 2010

	Mainstream	Specialist	Combined	Other	Total	
					n	% of 25191
Baby and toddler	33	12	n/a	n/a	45	0.2
Pre-school	541	101	8	n/a	650	2.6
Primary	4078	222	36	11	4347	17.3
Secondary	1630	140	12	5	1787	7.1
Third Level	627	n/a	n/a	n/a	627	2.5
Rehabilitative training	n/a	405	n/a	n/a	405	1.6
Vocational training	587	n/a	n/a	n/a	587	2.3
Employment	2911	358	n/a	n/a	3269	13.0
Activation	n/a	1772	n/a	n/a	1772	7.0
Rehabilitation	n/a	248	n/a	n/a	248	1.0
Other	n/a	n/a	n/a	357	357	1.4

Table 13 Future need for day services and activities, 2010

		Immediate need	2011-2015	All years	% of 25191
Baby and toddler groups					
Mainstream baby and toddler group	Unmet need for day service	5	0	5	0.0
	Need for enhanced/alternative service	0	0	0	0.0
	Overall demand	5	0	5	0.0
Specialist baby and toddler group	Unmet need for day service	3	1	4	0.0
	Need for enhanced/alternative service	1	0	1	0.0
	Overall demand	4	1	5	0.0
Pre-school					
Mainstream pre-school	Unmet need for day service	266	37	303	1.2
	Need for enhanced/alternative service	42	5	47	0.2
	Overall demand	308	42	350	1.4
Specialist pre-school	Unmet need for day service	29	0	29	0.1
	Need for enhanced/alternative service	8	1	9	0.0
	Overall demand	37	1	38	0.2
Combined pre-school (specialist and mainstream)	Unmet need for day service	5	0	5	0.0
	Need for enhanced/alternative service	5	0	5	0.0
	Overall demand	10	0	10	0.0
Primary school					
Mainstream primary school	Unmet need for day service	194	69	263	1.0
	Need for enhanced/alternative service	526	59	585	2.3
	Overall demand	720	128	848	3.4
Specialist primary school	Unmet need for day service	20	1	21	0.1
	Need for enhanced/alternative service	46	4	50	0.2
	Overall demand	66	5	71	0.3
Combined primary school (specialist and mainstream)	Unmet need for day service	15	0	15	0.1
	Need for enhanced/alternative service	22	0	22	0.1
	Overall demand	37	0	37	0.1
Primary school - education provided at home	Unmet need for day service	2	0	2	0.0
	Need for enhanced/alternative service	4	0	4	0.0
	Overall demand	6	0	6	0.0
Secondary school					
Mainstream secondary school	Unmet need for day service	76	5	81	0.3
	Need for enhanced/alternative service	570	305	875	3.5
	Overall demand	646	310	956	3.8
Specialist secondary school	Unmet need for day service	7	4	11	0.0
	Need for enhanced/alternative service	49	18	67	0.3
	Overall demand	56	22	78	0.3

Table 13 Future need for day services and activities, 2010 (continued)

		Immediate need	2011-2015	All years	% of 25191
Combined secondary school (specialist and mainstream)	Unmet need for day service	3	0	3	0.0
	Need for enhanced/alternative service	12	0	12	0.0
	Overall demand	15	0	15	0.1
Secondary school education provided at home	Unmet need for day service	3	0	3	0.0
	Need for enhanced/alternative service	7	2	9	0.0
	Overall demand	10	2	12	0.0
Third level education					
Third level education	Unmet need for day service	94	7	101	0.4
	Need for enhanced/alternative service	274	97	371	1.5
	Overall demand	368	104	472	1.9
Training, work and employment services					
Rehabilitative training	Unmet need for day service	266	6	272	1.1
	Need for enhanced/alternative service	108	12	120	0.5
	Overall demand	374	18	392	1.6
Vocational training	Unmet need for day service	303	7	310	1.2
	Need for enhanced/alternative service	162	39	201	0.8
	Overall demand	465	46	511	2.0
Sheltered employment	Unmet need for day service	21	0	21	0.1
	Need for enhanced/alternative service	37	5	42	0.2
	Overall demand	58	5	63	0.3
Supported employment	Unmet need for day service	93	10	103	0.4
	Need for enhanced/alternative service	102	21	123	0.5
	Overall demand	195	31	226	0.9
Sheltered work	Unmet need for day service	32	0	32	0.1
	Need for enhanced/alternative service	37	3	40	0.2
	Overall demand	69	3	72	0.3
Part-time open employment/self employment	Unmet need for day service	270	13	283	1.1
	Need for enhanced/alternative service	203	24	227	0.9
	Overall demand	473	37	510	2.0
Full-time open employment/self employment	Unmet need for day service	171	8	179	0.7
	Need for enhanced/alternative service	212	49	261	1.0
	Overall demand	383	57	440	1.7
Activation services					
Resource centre for older people	Unmet need for day service	1	0	1	0.0
	Need for enhanced/alternative service	0	0	0	0.0
	Overall demand	1	0	1	0.0
Resource centre for people with an intellectual disability	Unmet need for day service	7	0	7	0.0
	Need for enhanced/alternative service	2	1	3	0.0
	Overall demand	9	1	10	0.0

Table 13 Future need for day services and activities, 2010 (*continued*)

		Immediate need	2011-2015	All years	% of 25191
Resource centre for people with a physical or sensory disability	Unmet need for day service	283	7	290	1.2
	Need for enhanced/alternative service	135	9	144	0.6
	Overall demand	418	16	434	1.7
Social and recreational service (older people)	Unmet need for day service	6	0	6	0.0
	Need for enhanced/alternative service	2	0	2	0.0
	Overall demand	8	0	8	0.0
Social and recreational service (intellectual disability)	Unmet need for day service	11	0	11	0.0
	Need for enhanced/alternative service	4	1	5	0.0
	Overall demand	15	1	16	0.1
Social and recreational service (physical and sensory disability)	Unmet need for day service	439	13	452	1.8
	Need for enhanced/alternative service	233	5	238	0.9
	Overall demand	672	18	690	2.7
Rehabilitation service (older people)	Unmet need for day service	0	0	0	0.0
	Need for enhanced/alternative service	0	0	0	0.0
	Overall demand	0	0	0	0.0
Rehabilitation service (physical and sensory disability)	Unmet need for day service	103	2	105	0.4
	Need for enhanced/alternative service	58	2	60	0.2
	Overall demand	161	4	165	0.7
Special care unit (intellectual disability)	Unmet need for day service	1	0	1	0.0
	Need for enhanced/alternative service	1	0	1	0.0
	Overall demand	2	0	2	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	54	1	55	0.2
	Overall demand	112	5	117	0.5
Other day service	Unmet need for day service	37	2	39	0.2
	Need for enhanced/alternative service	39	7	46	0.2
	Overall demand	76	9	85	0.3

Residential services

Table 14 Use of residential services, 2010

	Total	
	n	% of 25191
Dedicated high support with nursing care (older people)	17	0.1
Dedicated high support with nursing care (intellectual disability)	7	0.0
Dedicated high support with nursing care (physical and sensory disability)	69	0.3
Dedicated high support with nursing care and therapy services (older people)	8	0.0
Dedicated high support with nursing care and therapy services (intellectual disability)	1	0.0
Dedicated high support with nursing care and therapy services (physical and sensory disability)	145	0.6
Nursing home	273	1.1
Welfare home	12	0.0
Independent unit in a dedicated complex with high support (more than 10 hours)	82	0.3
Independent unit in a dedicated complex with low support (less than 10 hours)	53	0.2
Independent unit in a dedicated complex with no support	8	0.0
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)	5	0.0
Living independently in community with no support	1	0.0
Living in community in agency accommodation with agency support	53	0.2
Specialist unit (e.g. group home for people with brain injury)	31	0.1
Acute general hospital	11	0.0
District/community hospital	46	0.2
Specialist hospital (e.g. NRH, Cappagh)	6	0.0
Mental health residential facility	13	0.1
Other	14	0.1
All services	857	3.4

Table 15 Future need for residential services, 2010

		Immediate			% of
		need	2011-2015	All Years	25191*
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	33	2	35	0.1
	Need for enhanced/alternative service	4	0	4	0.0
	Overall demand for service	37	2	39	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	0	0	0	0.0
	Overall demand for service	0	0	0	0.0
Dedicated high support with nursing care and therapy service (Intellectual disability)	Unmet need for day service	1	0	1	0.0
	Need for enhanced/alternative service	1	0	1	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	38	7	45	0.2
	Need for enhanced/alternative service	32	0	32	0.1
	Overall demand for service	70	7	77	0.3
Nursing home	Unmet need for day service	13	1	14	0.1
	Need for enhanced/alternative service	2	4	6	0.0
	Overall demand for service	15	5	20	0.1
Welfare home	Unmet need for day service	5	0	5	0.0
	Need for enhanced/alternative service	1	0	1	0.0
	Overall demand for service	6	0	6	0.0
Independent unit in a dedicated complex with high support	Unmet need for day service	40	9	49	0.2
	Need for enhanced/alternative service	32	1	33	0.1
	Overall demand for service	72	10	82	0.3
Independent unit in a dedicated complex with low support	Unmet need for day service	41	4	45	0.2
	Need for enhanced/alternative service	4	0	4	0.0
	Overall demand for service	45	4	49	0.2
Independent unit in a dedicated complex with no support	Unmet need for day service	5	1	6	0.0
	Need for enhanced/alternative service	0	0	0	0.0
	Overall demand for service	5	1	6	0.0

Table 15 Future need for residential services, 2010 (continued)

		Immediate need	2011-2015	All Years	% of 25191*
Living in community in agency accommodation with agency support	Unmet need for day service	21	2	23	0.1
	Need for enhanced/alternative service	13	5	18	0.1
	Overall demand for service	34	7	41	0.2
Specialist unit (e.g. group home for people with brain injury)	Unmet need for day service	20	1	21	0.1
	Need for enhanced/alternative service	11	1	12	0.0
	Overall demand for service	31	2	33	0.1
Mental health residential facility	Unmet need for day service	0	0	0	0.0
	Need for enhanced/alternative service	0	0	0	0.0
	Overall demand for service	0	0	0	0.0
Living independently in community with high support (> 10 hrs)	Unmet need for day service	48	8	56	0.2
	Need for enhanced/alternative service	13	2	15	0.1
	Overall demand for service	61	10	71	0.3
Living independently in community with low support (< 10 hrs)	Unmet need for day service	45	6	51	0.2
	Need for enhanced/alternative service	10	1	11	0.0
	Overall demand for service	55	7	62	0.2
Living independently in community with no support	Unmet need for day service	28	1	29	0.1
	Need for enhanced/alternative service	1	0	1	0.0
	Overall demand for service	29	1	30	0.1
Living independently in community with house adapted or re-housing	Unmet need for day service	250	4	254	1.0
	Need for enhanced/alternative service	6	0	6	0.0
	Overall demand for service	256	4	260	1.0
Other	Unmet need for day service	11	0	11	0.0
	Need for enhanced/alternative service	2	0	2	0.0
	Overall demand for service	13	0	13	0.1

*% of 25191 may not always equal overall demand total due to rounding up/down.

Respite services

Table 16 Use of respite services by age group, 2010

	Under 18		18 and over		All ages	
	n	% of 7627	n	% of 17564	n	% of 25191
Planned respite services						
Planned residential respite with high support	52	0.7	527	3.0	579	2.3
Planned residential respite with low support	30	0.4	364	2.1	394	1.6
Planned home-based respite	102	1.3	46	0.3	148	0.6
Summer camps (residential)	61	0.8	98	0.6	159	0.6
Summer camps (day)	344	4.5	120	0.7	464	1.8
Breakaway and befriending schemes	31	0.4	142	0.8	173	0.7
Holiday respite placement	91	1.2	817	4.7	908	3.6
Emergency respite services						
Emergency residential respite with high support	15	0.2	109	0.6	124	0.5
Emergency residential respite with low support	8	0.1	66	0.4	74	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, 2010

	Under 18 years			Over 18 years			All ages	
	Immediate need	2011-2015	All years	Immediate need	2011-2015	All years	n	% of 25191*
Planned residential respite with high support	Assessment required	64	3	67	339	20	426	1.7
	Required: assessed and on waiting list	3	0	3	16	2	21	0.1
	Required: assessed but unable to avail of	3	0	3	5	0	8	0.0
	Need enhanced service	12	0	12	163	2	177	0.7
	Overall demand for service	82	3	85	523	24	547	632
Planned residential respite with low support	Assessment required	49	3	52	491	33	576	2.3
	Required: assessed and on waiting list	4	0	4	16	1	21	0.1
	Required: assessed but unable to avail of	0	0	0	2	0	2	0.0
	Need enhanced service	4	0	4	64	1	69	0.3
	Overall demand for service	57	3	60	573	35	608	668
Planned home-based respite	Assessment required	167	4	171	373	5	549	2.2
	Required: assessed and on waiting list	4	0	4	4	0	8	0.0
	Required: assessed but unable to avail of	1	0	1	4	0	5	0.0
	Need enhanced service	14	0	14	11	0	25	0.1
	Overall demand for service	186	4	190	392	5	397	587
Summer camp (residential)	Assessment required	177	6	183	174	3	360	1.4
	Required: assessed and on waiting list	2	1	3	9	0	12	0.0
	Required: assessed but unable to avail of	3	0	3	8	0	11	0.0
	Need enhanced service	13	0	13	25	0	38	0.2
	Overall demand for service	195	7	202	216	3	219	421

Table 17 Future need for respite services, 2010 (continued)

	Under 18 years			Over 18 years			All ages	
	Immediate need	2011-2015	All years	Immediate need	2011-2015	All years	n	% of 25191*
Summer camp (day)								
Assessment required	657	43	700	194	1	195	895	3.6
Required: assessed and on waiting list	25	0	25	5	0	5	30	0.1
Required: assessed but unable to avail of	8	0	8	4	0	4	12	0.0
Need enhanced service	91	2	93	47	1	48	141	0.6
Overall demand for service	781	45	826	250	2	252	1078	4.3
Breakaway and befriending scheme								
Assessment required	149	4	153	473	4	477	630	2.5
Required: assessed and on waiting list	5	1	6	9	0	9	15	0.1
Required: assessed but unable to avail of	2	0	2	9	0	9	11	0.0
Need enhanced service	4	0	4	24	0	24	28	0.1
Overall demand for service	160	5	165	515	4	519	684	2.7
Holiday respite placement								
Assessment required	212	10	222	1236	33	1269	1491	5.9
Required: assessed and on waiting list	10	1	11	54	2	56	67	0.3
Required: assessed but unable to avail of	4	0	4	10	0	10	14	0.1
Need enhanced service	12	0	12	235	2	237	249	1.0
Overall demand for service	238	11	249	1535	37	1572	1821	7.2

*% of 25191 may not always equal overall demand total due to rounding up/down.

Technical aids and appliances (TAA)

Table 18 Current use of and future need for technical aids and appliances³, 2010

	Current use		Assessed and requiring TAA		Assessment required			Combined total future (assessed and assessment required)
	n	%	n	%	Total assessment required	Immediate need	2011-2015	
Aids to mobility	15213							3207
Powered wheelchair	1498	5.9	122	5.9	401	384	17	523
Scooter	228	0.9	15	0.9	63	61	2	78
Manual specialised wheelchair	1467	5.8	74	5.8	270	257	13	344
Manual regular wheelchair	2854	11.3	76	11.3	247	235	12	323
Special pushchair or buggy	218	0.9	34	0.9	46	46	0	80
Special bicycle or tricycle	229	0.9	17	0.9	72	69	3	89
Portable ramps	206	0.8	34	0.8	146	145	1	180
Fixed ramp	4	0.0	2	0.0	1	1	0	3
Rollator	608	2.4	13	2.4	69	68	1	82
Specialised walkers	560	2.2	43	2.2	86	84	2	129
Frame/zimmer	682	2.7	18	2.7	44	43	1	62
Walking sticks/canes/crutches	3619	14.4	25	14.4	186	185	1	211
Guidance canes	262	1.0	9	1.0	12	12	0	21
Support white stick	110	0.4	1	0.4	7	7	0	8
Grab rails and bars	1640	6.5	129	6.5	603	589	14	732
Adapted vehicles (wheelchair rack for car, gears/lifts)	1025	4.1	46	4.1	295	280	15	341
Propulsion unit	3	0.0	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, 2010 (continued)

	Current use		Assessed and requiring TAA		Assessment required		Combined total future (assessed and assessment required)
	n	%	n	Total assessment required	Immediate need	2011-2015	
Orthotics & prosthetics	4334						993
Cervical/lumbar supports	158	0.6	6	39	39	0	45
Upper limb orthoses	656	2.6	35	77	74	3	112
Upper limb prostheses	99	0.4	12	20	19	1	32
Lower limb orthoses	1744	6.9	96	243	240	3	339
Lower limb prostheses	312	1.2	21	58	54	4	79
Orthopaedic footwear (e.g. built up shoe)	1145	4.5	84	241	237	4	325
Other prosthetic devices	57	0.2	4	10	10	0	14
Other orthotic devices	163	0.6	9	38	38	0	47
Vision aids	4005						1320
Information technology for people with a visual impairment							
Special computer equipment	821	3.3	101	262	244	18	363
Print/display magnification	445	1.8	31	116	108	8	147
Screen reader and voice synthesiser	339	1.3	37	90	79	11	127
Scanner	320	1.3	44	75	71	4	119
Braille printer	24	0.1	4	18	18	0	22
Notetaker (e.g. Braille 'n Speak)	37	0.1	6	16	16	0	22
Character reading machines (e.g. Kurzweil reading machine)	20	0.1	2	6	6	0	8
Low vision aids							
Magnifiers	744	3.0	31	120	110	10	151
Close circuit television	195	0.8	34	49	45	4	83
Telescopes	204	0.8	4	31	28	3	35
Overhead projector	7	0.0	0	1	1	0	1

Table 18 Current use of and future need for technical aids and appliances, 2010 (continued)

	Current use		Assessed and requiring TAA		Assessment required			Combined total future (assessed and assessment required)
	n	%	n	%	Total assessment required	Immediate need	2011-2015	
Braille equipment								
Braille Perkins machine	89	0.4	3		5	4	1	8
Braille paper	54	0.2	1		4	3	1	5
Dymogun	18	0.1	0		4	4	0	4
Other braille equipment	33	0.1	1		5	4	1	6
Audible/tactile devices (e.g. talking scales, clocks)	567	2.3	48		126	121	5	174
Writing aids (e.g. writing frame)	85	0.3	11		34	34	0	45
Light filters	3	0.0	0		0	0	0	0
Aids to hearing								
Personal listening devices (e.g. loop system)	290	1.2	59		189	186	3	248
Fax/telephone devices	448	1.8	70		201	199	2	271
Teletext equipment/caption readers	272	1.1	37		93	91	2	130
Hearing aid (incl. cochlear implant device/digital hearing aid)	1957	7.8	133		352	329	23	485
Alerting devices	671	2.7	143		532	522	10	675
Videophone	13	0.1	24		126	123	3	150
Communication aids								
High technology communication devices	148	0.6	31		113	110	3	144
Low technology communication devices	99	0.4	9		40	39	1	49
Talk tools	6	0.0	1		0	0	0	1
Accessories for telephoning	1	0.0	0		0	0	0	0
Assistive products for alternative/augmentative communication	1	0.0	0		0	0	0	0
Talking reading materials	1	0.0	0		0	0	0	0

Table 18 Current use of and future need for technical aids and appliances, 2010 (continued)

	Current use		Assessed and requiring TAA		Assessment required		Combined total future (assessed and assessment required)
	n	%	n	Total assessment required	Immediate need	2011-2015	
Incontinence aids	1532						124
Neurostimulator	17	0.1	1	5	5	0	6
Catheters	629	2.5	11	20	20	0	31
Bags/pads	863	3.4	30	50	49	1	80
Aids for continence training	12	0.0	0	7	7	0	7
Urinary prosthesis	11	0.0	0	0	0	0	0
Special furniture and other aids to personal care	18142						6707
Hoists							
Powered hoists (incl. hydraulic car hoist)	719	2.9	38	157	150	7	195
Manual hoists	153	0.6	11	30	28	2	41
Overhead hoists	107	0.4	11	27	25	2	38
Lifts							
Floor through ceiling lifts	49	0.2	6	15	15	0	21
Stair lifts	206	0.8	26	176	171	5	202
External lifts	1	0.0	1	2	2	0	3
Special bed or bedding							
Powered beds	1365	5.4	52	281	272	9	333
Manual beds	143	0.6	3	28	27	1	31
Pressure relieving beds	123	0.5	5	54	54	0	59
Pressure relieving mattresses	739	2.9	24	181	177	4	205

Table 18 Current use of and future need for technical aids and appliances, 2010 (continued)

	Current use		Assessed and requiring TAA		Assessment required		Combined total future (assessed and assessment required)
	n	%	n	%	Total assessment required	Immediate need	
Bed accessories (e.g. boards, poles and ladders)	445	1.8	16	16	71	71	87
Mattress raiser	10	0.0	0	0	0	0	0
Bedding	2	0.0	0	0	0	0	0
Aids to lying							
Various wedges/rolls	67	0.3	11	11	36	36	47
Sleep systems (e.g. SYMMETRISleep)	57	0.2	13	13	18	18	31
Aids to toileting							
Commode	453	1.8	14	14	31	31	45
Potty chair	43	0.2	5	5	21	21	26
Adapted toilet seats	806	3.2	47	47	136	133	183
Toilet surrounds	375	1.5	39	39	93	92	132
Bidet	25	0.1	2	2	11	11	13
Urine bottle	39	0.2	0	0	4	4	4
Specialised toilets (incl. raised toilets)	4	0.0	1	1	0	0	1
Aids to bathing							
Specialised bath	93	0.4	18	18	108	105	126
Powered bath aids (e.g. bathlift)	241	1.0	20	20	98	96	118
Manual bath aids (e.g. bath seat)	575	2.3	46	46	177	172	223
Shower aids (e.g. chairs / trolley/shield etc.)	3109	12.3	249	249	803	790	1052
Bathroom grab rails and bars	2503	9.9	200	200	823	805	1023

Table 18 Current use of and future need for technical aids and appliances, 2010 (continued)

	Current use		Assessed and requiring TAA		Assessment required			Combined total future (assessed and assessment required)
	n	%	n		Total assessment required	Immediate need	2011-2015	
Adapted wash basin (incl. height adjustment, lever taps and special shape)	24	0.1	12		8	7	1	20
Adapted shower	134	0.5	22		31	29	2	53
Aids to sitting								
Specialised chairs (perch stool/chair)	1231	4.9	112		365	362	3	477
Car seats	210	0.8	20		70	70	0	90
High chairs for children	83	0.3	8		14	14	0	22
Pressure-relieving cushions	522	2.1	21		140	140	0	161
Wedges	37	0.1	5		21	21	0	26
Chair raiser	21	0.1	3		9	9	0	12
Custom specialised seating insert	153	0.6	15		58	57	1	73
Leg rests	5	0.0	0		0	0	0	0
Devices for supporting the legs and/or feet	0	0.0	1		0	0	0	1
Aids to standing								
Parallel bars	31	0.1	1		13	13	0	14
Standing frame	368	1.5	28		61	60	1	89
Powered standing frame	6	0.0	2		2	2	0	4
Sit-to-stand frame	3	0.0	1		1	1	0	2
Other special furniture and aids to personal care								
Environmental control	153	0.6	25		162	156	6	187
Monitoring systems	51	0.2	5		15	15	0	20

Table 18 Current use of and future need for technical aids and appliances, 2010 (continued)

	Current use		Assessed and requiring TAA		Assessment required			Combined total future (assessed and assessment required)
	n	%	n	Total assessment required	Immediate need	2011-2015		
Reading aids	15	0.1	4	3	3	0	7	
Dressing aids	197	0.8	12	87	87	0	99	
Feeding aids	300	1.2	5	43	42	1	48	
Kitchen aids	372	1.5	20	267	265	2	287	
Aids for administering medicines (e.g. injection guns, injection systems)	101	0.4	2	8	8	0	10	
Aids for housekeeping	8	0.0	0	3	3	0	3	
Stockings and socks	0	0.0	1	0	0	0	1	
Aids for dialysis therapy	5	0.0	0	0	0	0	0	
Aids to hand protection	1	0.0	0	0	0	0	0	
Products for skincare, protection and cleaning	0	0.0	1	0	0	0	1	
Therapy aids								
Aids for circulation	7	0.0	0	4	4	0	4	
TENS (transcutaneous electrical nerve stimulators)	145	0.6	6	34	34	0	40	
Multi-sensory (e.g. sensory room)	19	0.1	6	20	20	0	26	
Exercise equipment (e.g. balls and mats)	540	2.1	38	150	147	3	188	
Weights	37	0.1	3	25	25	0	28	
Treatment table	48	0.2	8	18	18	0	26	
Heated pads	50	0.2	3	51	51	0	54	
Muscle stimulator	113	0.4	9	70	69	1	79	
Therapeutic listening device	15	0.1	10	5	5	0	15	
Therapeutic tapes/CDS	20	0.1	4	5	5	0	9	

Table 18 Current use of and future need for technical aids and appliances, 2010 (continued)

	Current use		Assessed and requiring TAA		Assessment required			Combined total future (assessed and assessment required)
	n	%	n	%	Total assessment required	Immediate need	2011-2015	
Aids for grasping, holding, reaching (e.g. pick-up/reaching aid, key/door handle opener, non-slip mats)	527	2.1	31		214	212	2	245
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
Variable frequency photo stimulation (light mask)	2	0.0	0		0	0	0	0
Transfer aids								
Transfer boards	102	0.4	3		30	30	0	33
Transfer slings	31	0.1	2		9	9	0	11
Respiratory aids	2696							227
Peak-flow meter	59	0.2	0		10	10	0	10
Nebulizers (incl. aero chamber)	897	3.6	23		80	80	0	103
Oxygen concentrators	178	0.7	5		18	18	0	23
Inhalers	967	3.8	8		10	10	0	18
Suction machines	78	0.3	0		10	9	1	10
Pep mask	311	1.2	4		22	22	0	26
Home ventilator	66	0.3	0		3	3	0	3
Humidifier	14	0.1	2		5	5	0	7
Oxygen unit & tubing	77	0.3	3		9	9	0	12
Vibratory positive expiratory pressure system	8	0.0	0		7	7	0	7

Table 18 Current use of and future need for technical aids and appliances, 2010 (continued)

	Current use		Assessed and requiring TAA		Assessment required		Combined total future (assessed and assessment required)	
	n	%	n	%	Total assessment required	Immediate need		
Air cleaners: devices for removing pollutants from the air	2	0.0	0	0	2	2	0	2
Aids for respiratory therapy	19	0.1	1	1	4	4	0	5
Respiration meters	8	0.0	0	0	1	1	0	1
Tracheostomy aids	9	0.0	0	0	0	0	0	0
Aspirators	3	0.0	0	0	0	0	0	0
Other	2372							1273
Adjustable table/adapted desk	88	0.3	7	7	27	27	0	34
Specialised helmet	15	0.1	1	1	9	8	1	10
Mobile phone	343	1.4	27	27	101	99	2	128
Drip stand	17	0.1	0	0	1	1	0	1
Standing stool	60	0.2	3	3	22	22	0	25
Glucometer and associated equipment	963	3.8	10	10	22	21	1	32
Standard computer accessories	86	0.3	19	19	130	130	0	149
Specialised software (e.g. EZ keys software)	132	0.5	52	52	199	196	3	251
Standard computers for social/educational purposes	603	2.4	115	115	464	448	16	579
Specialised hardware (e.g. joystick, mouse, etc.)	51	0.2	12	12	49	43	6	61
Body plaster/neofract jacket	7	0.0	1	1	1	1	0	2
Therapeutic weighted clothing	0	0.0	0	0	1	1	0	1
Deep brain stimulation	1	0.0	0	0	0	0	0	0
Pump to drain lymph nodes	6	0.0	0	0	0	0	0	0

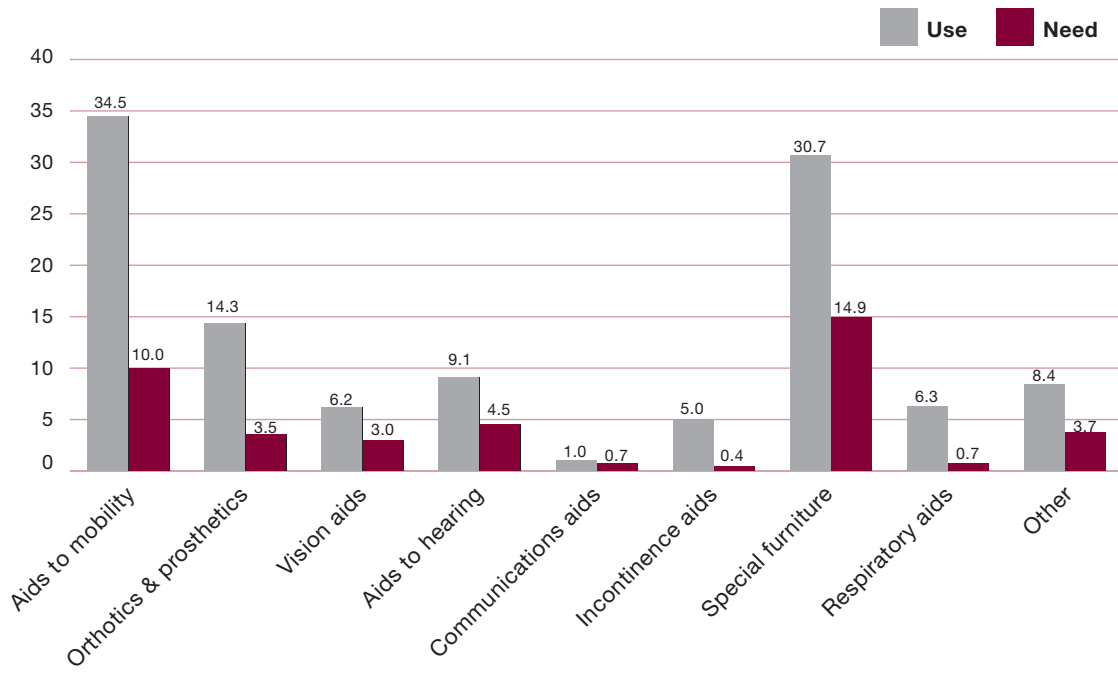


Figure 4 Percentage of people who use or need at least one technical aid and appliance, 2010



Measure of activity and participation

As signatories to the World Health Organization's International Classification of Functioning, Disability and Health (ICF), the DoH 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 of the NPSDD committee 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 – the barriers to participation that the individual has experienced in the previous 12 months. Barriers include such things as income, transport, physical environment, attitudes.
- Participation restriction – the extent to which participation in major life areas such as education, employment, socialising, shopping, has been restricted in the previous twelve months.
- World Health Organization Disability Assessment Schedule 2.0 (WHODAS 2.0) – the extent to which the individual has experienced difficulty with daily activities of functioning, such as washing, dressing, communicating, concentrating, in the previous 30 days. This is a standardised 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. It provides the ability to compare for example, 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. The MAP can track this over time.

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 12,444 people who had completed this section of the form by December 2010 and the percentages are based on the valid percentages i.e. excluding not applicables and refusals. 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 2010 and who encountered barriers to their participation in the 12 months prior to their NPSDD interview. The physical environment was found to be the greatest barrier to participation (56.2% of people) followed by climate/weather (51.5%).

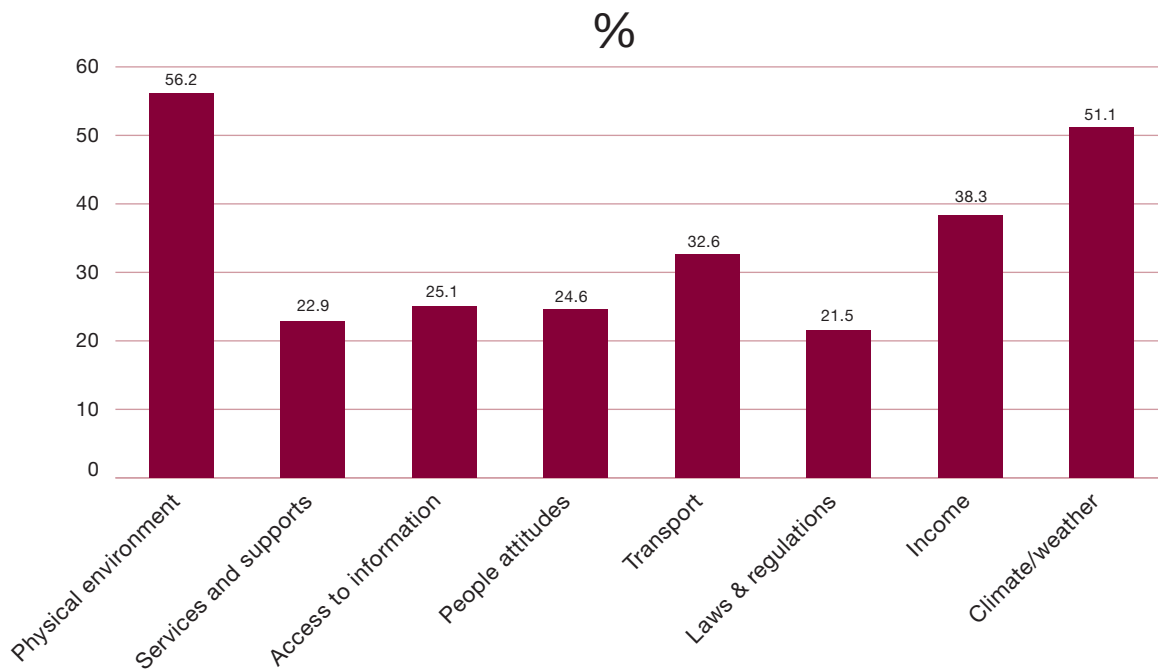


Figure 5 Barriers and challenges, 2010

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, sports and physical recreation (69.0%) and employment and job seeking (66.9%) were the greatest areas of restriction experienced by this group.



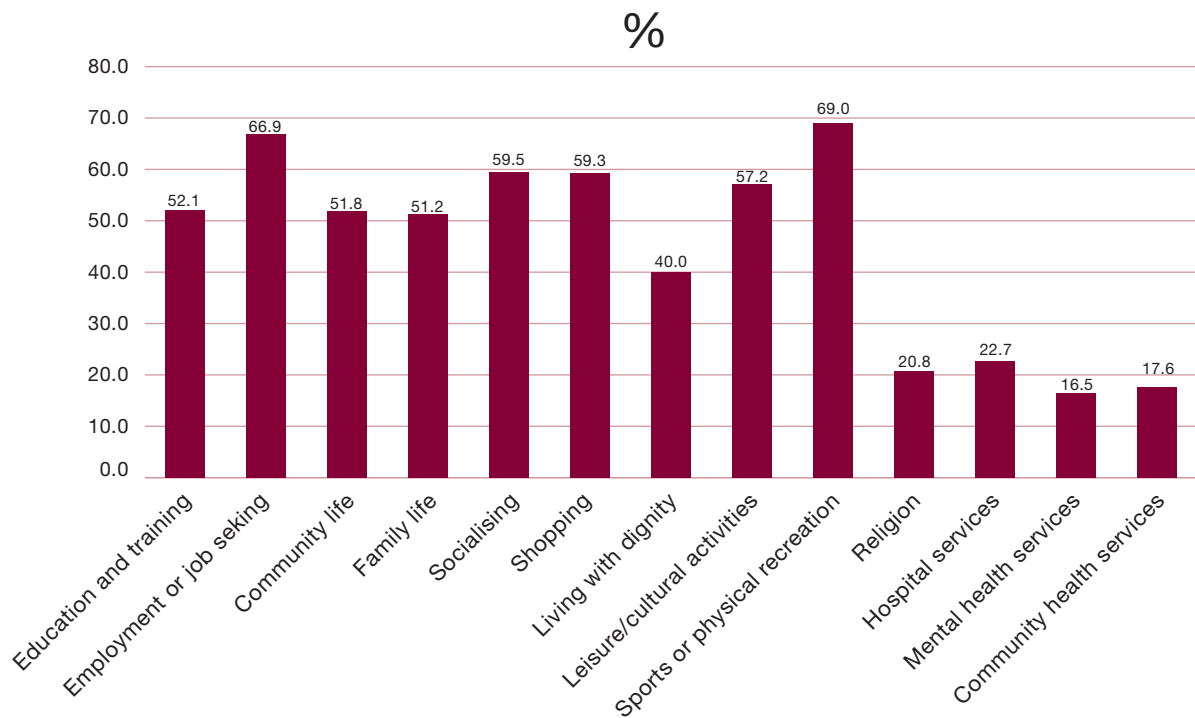


Figure 6 Participation restriction, 2010

The WHODAS 2.0 captures information on the extent of difficulty with functioning in daily activities. As with participation, the extent of difficulty can be recorded as mild, moderate, severe, extreme/cannot do but the data presented below represent one category of 'some' difficulty. The emotional effect 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 (71.3%) and walking long distances (69.8%) were also high.

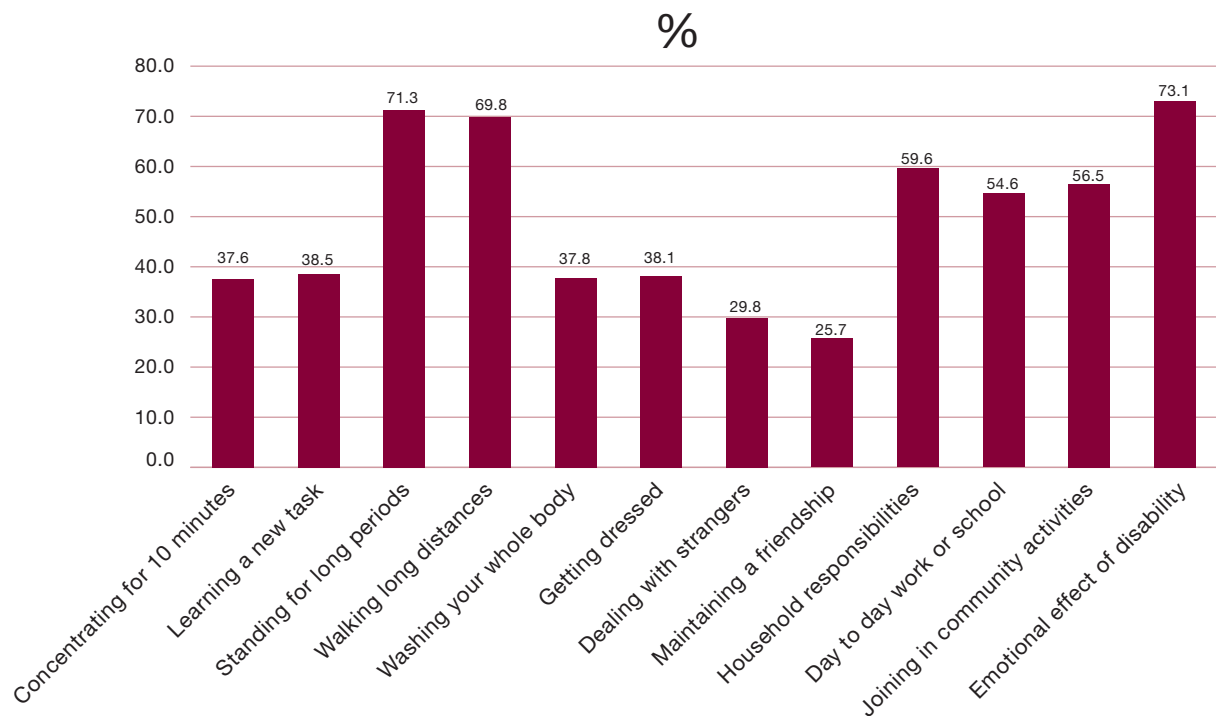


Figure 7 WHODAS 2.0 – World Health Organization Disability Assessment Schedule, 2010



