



HRB Statistics Series 16

Annual Report of the National Physical and Sensory
Disability Database Committee 2011

Anne Doyle



Elizabeth Petcu

With a strong background in music, Elizabeth continuously explores new ways to combine both music and visual art. Principal flute in the Radio Telefís Éireann Concert Orchestra for over twenty-five years, a MA in Music Therapy from Limerick University and more recently, a Higher National Diploma in Fine Art merge to give her work an enriched flavour.

Her porcelain creations rapidly came to the attention of the public when she won both a Sculpture in Context Award in the Botanic Gardens and The Gallery Zozimus Purchase Award last year. Her first show was a sell-out in The Kilternan Gallery in November 2009. Signal Arts Centre in Bray hosted an exhibition with Elizabeth's work in May 2012 and *Hearing Silence*, the short documentary about Elizabeth was screened concurrently in the Mermaid Arts Centre. This film had its television debut in May of this year.

Passionate about the sheer sensuousness of clay, Elizabeth loves the plasticity of the material and is fascinated by its ability to do different things in its different states. "When I'm not in my studio I worry about what I'll make next but I always get inspiration when I touch my material. I often get my best ideas from something a child says or from a 'mistake' I make. I love when the material itself inspires me and does something I least expect."

Elizabeth appreciates being offered the opportunity to display images of her work in the Health Research Board report through the support of IntroArt.

IntroArt is a registered charity working to support people with disabilities into mainstream arts services.



*'Big dragon eggs'
by Elizabeth Petcu*

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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 (1965–2010)
- National Physical and Sensory Disability Database Committee annual reports (2004–2010)
- National Intellectual Disability Database Committee annual reports (1996–2010)

The **Disability Databases Team** manages two national service-planning databases for people with disabilities on behalf of the Department of Health: 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 (2008) *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) *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.

O'Donovan MA (2011) *Annual report of the National Physical and Sensory Disability Database Committee 2010*. HRB Statistics Series 14. Dublin: Health Research Board.

Daly A and Walsh D (2011) *Activities of Irish psychiatric units and hospitals 2010 executive summary*. HRB Statistics Series 15. Dublin: Health Research Board.



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Health Service Executive South¹

Ms Mary Van Lieshout,
National Disability Authority

¹ Left committee in October 2011 and replaced by Mr William Ebbitt.

² Left committee in September 2011.



Chairperson's statement

I am pleased to introduce the 2011 annual report of the National Physical and Sensory Disability Database.

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

The Irish health system will undergo comprehensive reform in the coming years. A total transformation is planned which will see changes to how citizens will access healthcare and how it is financed and managed. A new model of care incorporating an overhaul of health system governance where the money follows the patient is envisaged. Where disability services are concerned, a value-for-money (VFM) review of the efficiency and effectiveness of disability services in Ireland will be completed this year. It will establish to the greatest degree possible how and where we spend the €1.5 billion in the health sector for services for people with disabilities and will also focus on the question of whether the current objectives of public policy in this area are being delivered. The process of completing the VFM review has reinforced the importance of data availability and quality. This is one of the areas that will be addressed specifically in the final VFM report and will have implications for the nature of the disability databases in the future. Informing the deliberations of the VFM review group, a comprehensive review of disability policy was also published in 2011. That review sets out a vision for the future of disability services. It recommends a major policy shift to a model of care based on individualised supports and individualised budgeting. This is a hugely significant change, which values citizenship and self-determination as key principles.

I would like to thank the NPSDD Committee members and those who are involved in the registration and Measure of Activity and Participation (MAP) sub committees, for all their work on the report and their ongoing input to the Committee. I would like to add a particular thanks to those working in the Disability Databases Team at the Health Research Board for preparing and completing this report and for the data which they supplied to the VFM Review Project Team which was invaluable in informing their review.

Colm Desmond

Chairperson

National Physical and Sensory Disability Database Committee

June 2012



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 2011 there were 29,596 people registered on the NPSDD, representing 66.8% of the estimated target national coverage for this database. In 2011, there were 1,398 new registrations to the database and 3,654 existing records were reviewed in this period. For the purposes of analysis for this report, people aged 66 years or over at the time of reporting (4,426 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 25,170 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 2011. 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.
- 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.

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. 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 requests
- Health Stats data
- HSE regional and local health office requests
- National Disability Authority
- Spinal Injuries Ireland
- Statcentral.ie
- Work Research Centre

In addition, a number of academics sought data throughout the year. 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).

Executive summary

Gender and age

Males accounted for a higher percentage of registrations than females. A total of 13,452 males (53.4%) and 11,718 females (46.6%) were registered. Over two thirds of all registrations were adults (17,136, 68.1%) and just under one-third were children (under 18 years at the time of reporting) (8,034, 31.9%).

Living accommodation and arrangements

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

- 21,511 people (85.5%) lived with family members.
- 2,404 people (9.6%) lived alone.
- 134 people (0.5%) lived with foster families.
- 175 people (0.7%) lived with non-relatives.
- 776 people (3.1%) lived in full-time residential services.
- 166 people (0.7%) described their living arrangements as 'other'.

The 25,170 people registered on the database described their type of living accommodation as follows:

- 18,820 people (74.8% of all registrations) were in private accommodation.
- 5,410 people (21.5%) were in rented accommodation.
- 776 people (3.1%) were in full-time residential services.
- 162 people (0.6%) 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 (15,293, 60.8%) reported that they had a primary carer. The majority of primary carers were aged between 19 and 70 years (14,902, 97.4%); 24 (0.2%) were 18 years of age or under, and 357 (2.3%) were aged over 70 years.



Type of disability

The types of disability reported were:

- physical disability (13,915 people, 55.3%) of which 8,070 people reported a neurological disability¹
- hearing loss/deafness (1,376 people, 5.5%)
- visual disability (1,292 people, 5.1%)
- speech/language (2,714 people, 10.8%)
- multiple disabilities (5,873 people, 23.3%).

Service provision in 2011

Service provision to those registered on the NPSDD in December 2011 may be summarised as follows:

- 21,583 people with a physical and/or sensory disability were in receipt of one or more therapeutic intervention and rehabilitation services; this group represents 85.7% of all NPSDD registrations.
- 7,197 people (28.6%) were in receipt of one or more personal assistance and support services.
- 13,804 people (54.8%) were in receipt of one or more day services and activities.
- 823 people (3.3%) were availing of residential services.
- 2,333 people (9.3%) were availing of one or more planned respite services and 243 people (1.0%) had used emergency respite services in the twelve-month period prior to their NPSDD interview.
- 16,343 people (64.9%) were using at least one technical aid or appliance.

Service requirements 2012–2016

The service requirements of those registered on the NPSDD in December 2011 may be summarised as follows:

¹ The addition of a neurological disability category to the 'Type of disability' question is currently under consideration by the Registration Subgroup of the national committee. Neurological diagnoses are a subset of the physical disability only category. A full list of the neurological (nervous system) diagnoses can be found in Table 6.

Therapeutic intervention and rehabilitation services

- 11,194 people (44.5%) required assessment for therapeutic intervention and rehabilitation services.
- 1,802 people (7.2%) were assessed and placed on a waiting list for these services.
- 92 people (0.4%) were assessed but were unable to avail of these services for a variety of reasons.
- 4,510 people (17.9%) needed an enhancement/alternative to their existing therapeutic intervention and rehabilitation service² with 196 people (0.8%) requiring an enhancement/alternative to more than one service.

Personal assistance and support services

- 4,832 people (19.2%) required assessment for personal assistance and support services.
- 275 people (1.1%) had been assessed and wait-listed for personal assistance and support services.
- 56 people (0.2%) were assessed but were unable to avail of these services.
- 967 people (3.8%) needed an enhancement/alternative to their existing personal assistance and support service with 17 people (0.1%) requiring an enhancement/alternative to more than one service.

Day services or activities

- 2,553 people (10.1%) were not availing of day services or activities, but required such supports.
- 2,766 people (11.0%) who were availing of day services or activities require an enhancement/alternative to their existing services.

2 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

- 601 people (2.4%) registered on the NPSDD were not availing of residential services but required these supports.
- 132 people (0.5%) were availing of residential services and required an enhancement/alternative to their existing service.

Respite services

- 2,980 people (11.8%) required assessment for respite services.
- 169 people (0.7%) had already been assessed and were wait-listed for respite services.
- 41 people (0.2%) had been assessed as requiring a respite service but were unable to avail of the service.
- 601 people (2.4%) required an enhancement/alternative to their existing respite service of which 5 people required an enhancement to more than one service.

Technical aids and appliances

- 7,012 people (27.9%) required at least one technical aid or appliance.

The various services listed above are required by individuals in the course of the period 2012–2016, though most service needs arise immediately.

Measure of activity and participation

- Barriers and challenges: The physical environment was found to be the greatest barrier to participation (56.4% of people) followed by climate/weather (53.2%) and income (40.1%).
- Participation restriction: Sports or physical recreation (69.6%), employment and job seeking (67.5%) and socialising (60.4%) were the greatest areas of restriction experienced.
- WHODAS 2.0: The emotional effect of their disability (73.2%) was the greatest area of difficulty, followed by standing for long periods (71.6%) and walking long distances (70.0%). 85.4% of respondents reported an overall interference with their lives.

Profile of the registered population

Table 1 Number of people registered in the regional health areas of the HSE, 2011

	n	% of 25170
Dublin/Mid-Leinster	7564	30.1
South	7403	29.4
West	6732	26.7
Dublin/North-East	3471	13.8
Total	25170	100.0



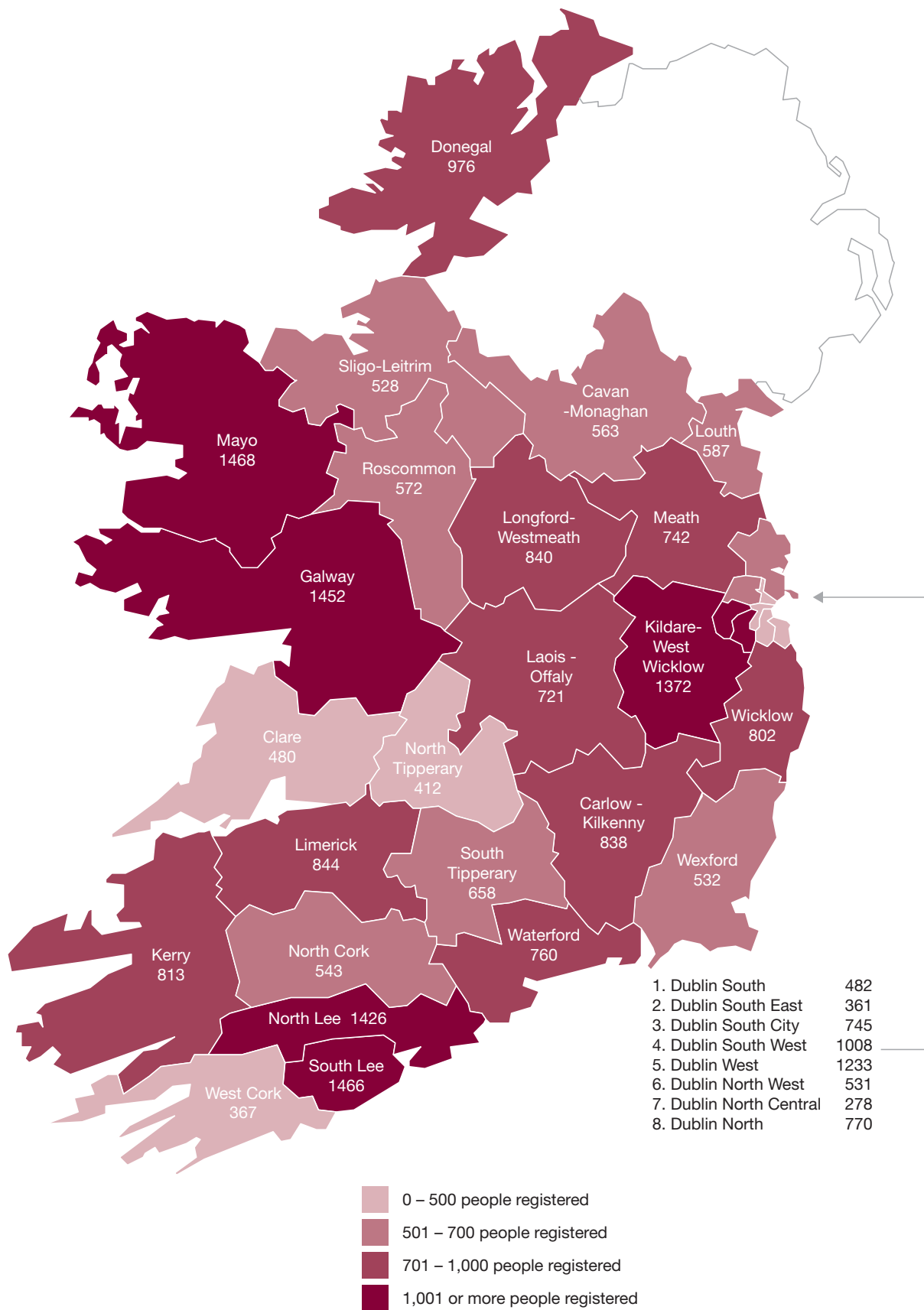


Figure 1 Number of people registered by HSE local health office of residence, 2011



Table 2 Age group and gender, 2011

	Female		Male		Total	
	n	% of 11718	n	% of 13452	n	% of 25170
0-4 years	218	1.9	378	2.8	596	2.4
5-12 years	1614	13.8	2746	20.4	4360	17.3
13-17 years	1111	9.5	1967	14.6	3078	12.2
Under 18 years	2943	25.1	5091	37.8	8034	31.9
18-24 years	1038	8.9	1336	9.9	2374	9.4
25-39 years	1784	15.2	1788	13.3	3572	14.2
40-59 years	4222	36.0	3605	26.8	7827	31.1
60-65 years	1731	14.8	1632	12.1	3363	13.4
18 years and over	8775	74.9	8361	62.2	17136	68.1
Total	11718	100.0	13452	100.0	25170	100.0

Table 3 Type of living accommodation, 2011

	n	% of 25168*
Private accommodation	18820	74.8
Private accommodation: Adapted	4099	16.3
Private accommodation: Not adapted	14721	58.5
Rented accommodation	5410	21.5
Rented accommodation: Adapted-county council	1190	4.7
Rented accommodation: Adapted-private housing	183	0.7
Rented accommodation: Adapted-housing association	149	0.6
Rented accommodation: Not adapted-county council	2798	11.1
Rented accommodation: Not adapted-private housing	925	3.7
Rented accommodation: Not adapted- housing association	165	0.7
Full-time residential setting	776	3.1
Other	162	0.6
Mobile home / caravan	64	0.3
Homeless	7	0.0
Other	91	0.4
Total	25168*	100.0

* 2 people did not provide a response for type of living accommodation.



Table 4 Type of living arrangements, 2011

	n	% of 25166*
Living alone	2404	9.6
Living with family	21511	85.5
With husband/wife or partner and no children	2197	8.7
With husband/wife or partner and children	4511	17.9
With one parent	1596	6.3
With both parents	2979	11.8
With son/daughter(s)	845	3.4
With sibling(s)	386	1.5
With other family relative(s)	199	0.8
With parent(s) and sibling(s)	8798	35.0
Living with non-family	1085	4.3
With non-relative(s) (e.g. friends, neighbours)	175	0.7
In full-time residential setting	776	3.1
With foster family	134	0.5
Other	166	0.7
Total	25166*	100.0

* 4 people did not provide a response for type of living arrangements.

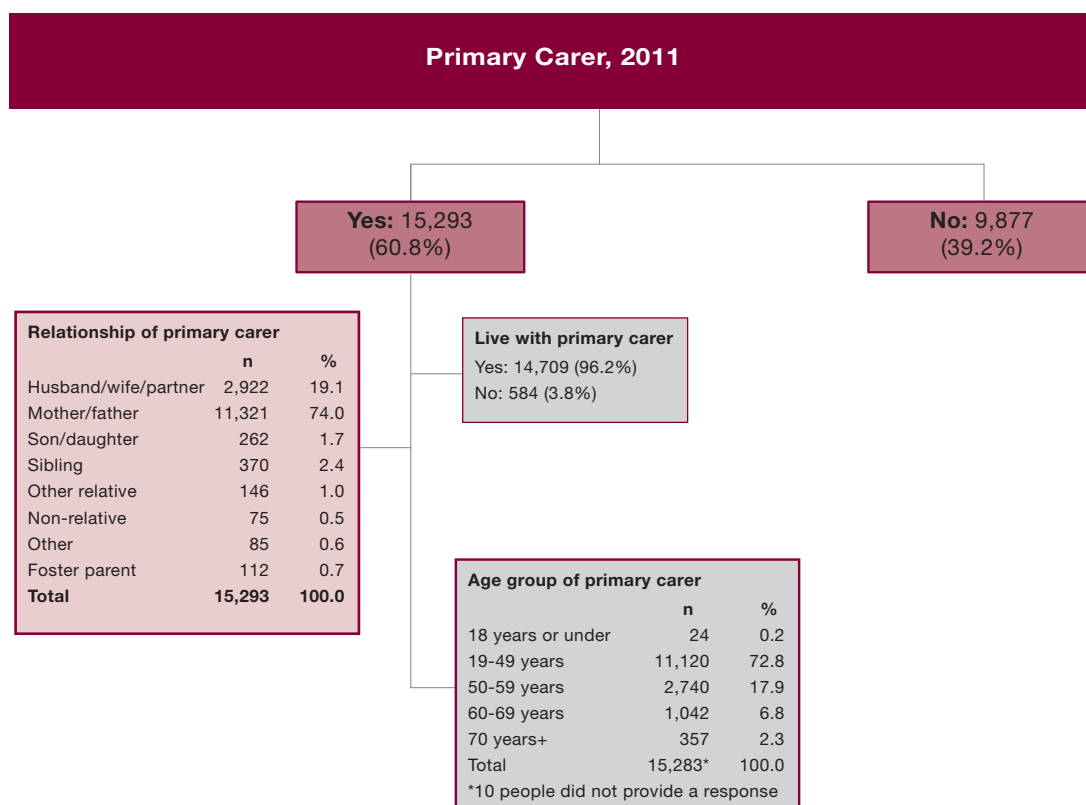
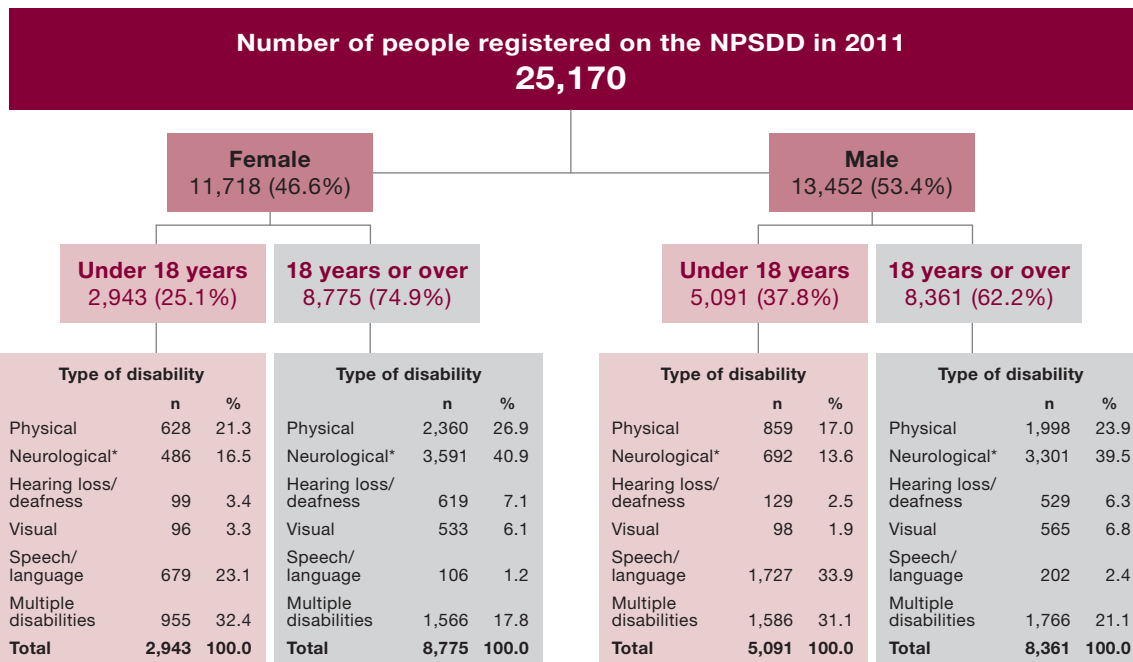


Figure 2 Relationship and age group of primary carer, 2011



* As per previous note in the Executive Summary, the addition of a neurological disability category to the 'Type of disability' question is currently being considered by the Registration Subgroup.

Figure 3 Type of disability by age group and gender, 2011

Table 5 Primary diagnostic ICD-10[†] categories by age group, 2011

	Primary diagnostic category					
	Under 18 years		18 and over		All ages	
	n	%	n	%	n	%
Nervous system	1759	21.9	8520	49.7	10279	40.8
Musculoskeletal system	408	5.1	2643	15.4	3051	12.1
Communication	3328	41.4	521	3.0	3849	15.3
Intellectual/developmental	383	4.8	25	0.1	408	1.6
Behavioural	14	0.2	20	0.1	34	0.1
Ear complaints	546	6.8	1659	9.7	2205	8.8
Endocrine and metabolic	172	2.1	551	3.2	723	2.9
Eye complaints	258	3.2	1406	8.2	1664	6.6
Respiratory system	349	4.3	568	3.3	917	3.6
Congenital	455	5.7	170	1.0	625	2.5
Circulatory system	153	1.9	372	2.2	525	2.1
Infectious and parasitic	10	0.1	236	1.4	246	1.0
Neoplasms	40	0.5	145	0.8	185	0.7
Digestive system	49	0.6	103	0.6	152	0.6
Genitourinary system	30	0.4	88	0.5	118	0.5
Blood and blood forming organs	58	0.7	41	0.2	99	0.4
Skin disease or disorders	21	0.3	68	0.4	89	0.4
Total	8033*	100.0	17136	100.0	25169*	100.0

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

* 1 person did not provide a response for primary diagnostic category.

Table 6 Primary diagnostic ICD-10⁺ categories, 2011

	Overall total	
	n	% of 25169 ⁺
Nervous system	10279	40.8
Multiple sclerosis	2603	10.3
Muscular dystrophy	289	1.1
Myalgic encephalomyelitis	35	0.1
Paralytic syndromes - diplegia	35	0.1
Paralytic syndromes - monoplegia	10	0.0
Paralytic syndromes - paraplegia	220	0.9
Paralytic syndromes - quadraplegia	111	0.4
Paralytic syndromes - Erbs palsy	99	0.4
Parkinsons disease and related disorders	180	0.7
Spina bifida	477	1.9
Spina bifida and hydrocephalus	387	1.5
Stroke hemiplegia	947	3.8
Myasthenia gravis	17	0.1
Encephalitis	27	0.1
Myelitis	22	0.1
Spinal injury	422	1.7
Dystonia	69	0.3
Neuropathy	83	0.3
Mononeuritis	6	0.0
Myopathy	21	0.1
Other demyelinating diseases of the central nervous system	37	0.1
Myelopathies	5	0.0
Alzheimer's disease and other cerebral degenerations	24	0.1
Cerebral palsy	2034	8.1
Epilepsy	499	2.0
Friedreichs ataxia or cerebellar ataxia	185	0.7
Guillain-Barre syndrome	30	0.1
Head injury	862	3.4
Huntington's chorea	34	0.1
Hydrocephalus	155	0.6
Meningitis	48	0.2
Migraine	~	
Motor neurone disease	50	0.2
Other nervous system diagnostic category	252	1.0
Musculoskeletal system	3051	12.1
Absence or loss of extremity (including double amputation)	414	1.6
Arthritis (other than osteo or rheumatoid)	224	0.9
Osteoarthritis	342	1.4
Rheumatoid arthritis	582	2.3
Arthrogryposis	73	0.3
Back problems	326	1.3
Deformities/malformations	144	0.6

Table 6 Primary diagnostic ICD-10[†] categories, 2011 (*continued*)

	Overall total	
	n	% of 25169[‡]
Hip problems	101	0.4
Knee problems	29	0.1
Osteoporosis	50	0.2
Osteomyelitis	9	0.0
Scoliosis/curvature of spine	115	0.5
Connective tissue disorder	56	0.2
Dwarfism	57	0.2
Permanent injury to upper/lower limb	190	0.8
Osteodystrophies	48	0.2
Other permanent injuries (including skin graft)	21	0.1
Muscular atrophy	33	0.1
Other musculoskeletal diagnostic category	237	0.9
Communication	3849	15.3
Dyspraxia	562	2.2
Specific speech and language disorder	1963	7.8
Dyslexia*	156	0.6
Disfluency	79	0.3
Speech problems	663	2.6
Language problems	398	1.6
Dysphasia	16	0.1
Dysphonia	7	0.0
Dysphagia	~	
Dysarthria	~	
Intellectual/developmental	408	1.6
Intellectual disability	10	0.0
Developmental delay	360	1.4
Persistent vegetative state	~	
Sensory integration dysfunction/sensory processing disorder*	35	0.1
Behavioural	34	0.1
Attention deficit disorder*	9	0.0
Autistic spectrum disorder*	5	0.0
Tourette's syndrome	10	0.0
Schizophrenia	~	
Depression*	~	
Psychosis	~	
Other mental illness	~	
Ear complaints	2205	8.8
Conductive deafness	319	1.3
Congenital deafness	916	3.6
Deafness not specified elsewhere	377	1.5
Sensorineural deafness	303	1.2
Tinnitus	38	0.2
Menieres disease	11	0.0
Other ear complaint diagnostic category	241	1.0



Table 6 Primary diagnostic ICD-10⁺ categories, 2011 (*continued*)

	Overall total	
	n	% of 25169 ⁺
Endocrine and metabolic	723	2.9
Diabetes*	415	1.6
Metabolic disorders	166	0.7
Immune disorders	36	0.1
Disorders of thyroid gland	15	0.1
Osteomalacia/rickets	7	0.0
Other endocrine disorders	36	0.1
Other endocrine/metabolic diagnostic category	48	0.2
Eye complaints	1664	6.6
Blindness caused by diabetes	97	0.4
Blindness/low vision not specified elsewhere	389	1.5
Cataracts	60	0.2
Congenital blindness	220	0.9
Glaucoma	86	0.3
Retinal detachment	60	0.2
Retinosa pigmentosa	229	0.9
Retinopathy	39	0.2
Congenital anomalies of the eye	212	0.8
Visual disturbances	8	0.0
Macular degeneration	59	0.2
Other eye complaints diagnostic category	205	0.8
Respiratory system	917	3.6
Asthma	142	0.6
Bronchitis/emphysema	97	0.4
Cystic fibrosis	607	2.4
Lung disease due to external agents (aspiration pneumonia)	22	0.1
Disorders of vocal cord and larynx	~	
Other respiratory system diagnostic category	47	0.2
Congenital	625	2.5
Cleft lip and/or palate	206	0.8
Chromosomal anomalies (including Downs syndrome & Larsons syndrome)	138	0.5
Other congenital anomalies	187	0.7
Other congenital diagnostic category	94	0.4
Circulatory system	525	2.1
Congenital heart disease	188	0.7
Coronary artery disease	68	0.3
Cerebrovascular disease (includes subarachnoid haemorrhage)	116	0.5
Hypertensive disease	44	0.2
Ischaemic heart disease	11	0.0
Peripheral vascular disease	25	0.1
Varicose veins including varicose ulcers	5	0.0
Angina	15	0.1
Other circulatory system diagnostic category	53	0.2

Table 6 Primary diagnostic ICD-10† categories, 2011 (continued)

	Overall total	
	n	% of 25169‡
Infectious and parasitic	246	1.0
HIV	11	0.0
Polio	216	0.9
Toxoplasmosis	8	0.0
AIDS	~	
Lyme disease	~	
Sequelae of infectious and parasitic diseases	~	
Other infectious/parasitic diagnostic category	5	0.0
Neoplasms	185	0.7
Digestive system	152	0.6
Crohns disease	31	0.1
Liver problems (including Hepatitis B and/or C)	39	0.2
Irritable bowel syndrome	7	0.0
Coeliac disease	6	0.0
Oesophageal, stomach and duodenal problems	13	0.1
Intestinal problems	30	0.1
Other digestive system diagnostic category	26	0.1
Genitourinary system	118	0.5
Kidney disease or renal failure	88	0.3
Other genitourinary system diagnostic category	30	0.1
Blood and blood forming organs	99	0.4
Skin disease or disorders	89	0.4
Dystrophic epidermolysis bullosa	8	0.0
Erythematous conditions	46	0.2
Other skin disease/disorder diagnostic category	35	0.1
Total	25169‡	100.0

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

‡ 1 person did not provide a response for primary diagnostic category.

~ To protect against the risk of indirect identification of individuals, any cells with less than 5 cases have been suppressed.

* Those diagnoses marked with * symbol are now secondary diagnoses only, the records of individuals with this diagnosis recorded as their primary diagnosis will be reviewed and amended accordingly.



Table 7 Secondary diagnostic ICD-10[†] categories by age group, 2011

	Secondary diagnostic category					
	Under 18 years		18 and over		All ages	
	n	%	n	%	n	%
Infectious and parasitic	2	0.0	27	0.2	29	0.1
Neoplasms	9	0.1	108	0.6	117	0.5
Endocrine and metabolic	52	0.6	932	5.4	984	3.9
Blood and blood forming organs	11	0.1	35	0.2	46	0.2
Nervous system	299	3.7	1167	6.8	1466	5.8
Eye complaints	257	3.2	612	3.6	869	3.5
Ear complaints	195	2.4	435	2.5	630	2.5
Circulatory system	48	0.6	482	2.8	530	2.1
Respiratory system	266	3.3	423	2.5	689	2.7
Digestive system	43	0.5	239	1.4	282	1.1
Genitourinary system	39	0.5	159	0.9	198	0.8
Skin disease or disorders	25	0.3	68	0.4	93	0.4
Musculoskeletal system	104	1.3	1411	8.2	1515	6.0
Congenital	67	0.8	36	0.2	103	0.4
Communication	1152	14.3	557	3.3	1709	6.8
Behavioural	394	4.9	433	2.5	827	3.3
Intellectual/developmental	264	3.3	149	0.9	413	1.6
No secondary diagnosis	4807	59.8	9860	57.5	14667	58.3
Total	8034	100.0	17133*	100.0	25167*	100.0

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

* 3 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, 2011

	Under 18 years		Over 18 years		All ages	
	n	% of 8034	n	% of 17136	n	% of 25170
General services						
Physiotherapy	2907	36.2	5136	30.0	8043	32.0
Occupational therapy	2851	35.5	4424	25.8	7275	28.9
Speech and language therapy	4624	57.6	1124	6.6	5748	22.8
Chiroprody	59	0.7	2291	13.4	2350	9.3
Clinical nutrition	1096	13.6	2352	13.7	3448	13.7
Orthotics/prosthetics	1396	17.4	2129	12.4	3525	14.0
Public health nursing	1617	20.1	4245	24.8	5862	23.3
Continence advice	302	3.8	951	5.5	1253	5.0
Social work	1505	18.7	1727	10.1	3232	12.8
Psychology	2131	26.5	1244	7.3	3375	13.4
Counselling	163	2.0	881	5.1	1044	4.1
Play therapy	276	3.4	15	0.1	291	1.2
Creative therapy	143	1.8	375	2.2	518	2.1
Complementary therapy	316	3.9	1247	7.3	1563	6.2
Assistive technology/client technical service	414	5.2	1335	7.8	1749	6.9
Community resource work	430	5.4	3594	21.0	4024	16.0
Visual impairment specific services						
Mobility/rehabilitation service for the blind	117	1.5	607	3.5	724	2.9
Hearing impairment specific services						
Audiology	1324	16.5	1468	8.6	2792	11.1
Aural rehabilitation	58	0.7	86	0.5	144	0.6
Tinnitus retraining	5	0.1	58	0.3	63	0.3



Table 9 Future need for therapeutic intervention and rehabilitation services by age group, 2011

	Under 18 years			Over 18 years			All ages	
	Immediate need	2012-2016	All years	Immediate need	2012-2016	All years	n	% of 25170*
Physiotherapy								
Assessment required	357	31	388	3200	292	3492	3880	15.4
Assessed and on waiting list	97	1	98	292	5	297	395	1.6
Assessed but unable to avail of	3	0	3	35	1	36	39	0.2
Need enhanced/alternative service	450	6	456	998	32	1030	1486	5.9
Overall demand	907	38	945	4525	330	4855	5800	23.0
Occupational therapy								
Assessment required	599	29	628	2327	211	2538	3166	12.6
Assessed and on waiting list	292	2	294	192	1	193	487	1.9
Assessed but unable to avail of	2	0	2	9	0	9	11	0.0
Need enhanced/alternative service	468	7	475	526	16	542	1017	4.0
Overall demand	1361	38	1399	3054	228	3282	4681	18.6
Speech and language therapy								
Assessment required	477	20	497	703	29	732	1229	4.9
Assessed and on waiting list	469	2	471	117	1	118	589	2.3
Assessed but unable to avail of	4	0	4	7	0	7	11	0.0
Need enhanced/alternative service	986	7	993	210	7	217	1210	4.8
Overall demand	1936	29	1965	1037	37	1074	3039	12.1
Chiroprody								
Assessment required	97	3	100	2203	77	2280	2380	9.5
Assessed and on waiting list	4	0	4	62	1	63	67	0.3
Assessed but unable to avail of	0	0	0	10	0	10	10	0.0
Need enhanced/alternative service	8	1	9	366	8	374	383	1.5
Overall demand	109	4	113	2641	86	2727	2840	11.3
Clinical nutrition								
Assessment required	214	4	218	1038	26	1064	1282	5.1
Assessed and on waiting list	35	1	36	57	0	57	93	0.4
Assessed but unable to avail of	0	0	0	1	0	1	1	0.0
Need enhanced/alternative service	64	0	64	122	2	124	188	0.7
Overall demand	313	5	318	1218	28	1246	1564	6.2

Table 9 Future need for therapeutic intervention and rehabilitation services by age group, 2011 (continued)

	Under 18 years			Over 18 years			All ages		
	Immediate need	2012-2016	All years	Immediate need	2012-2016	All years	n	% of 25170*	
Orthotics/prosthetics									
Assessment required	130	4	134	395	30	425	559	2.2	
Assessed and on waiting list	16	0	16	33	0	33	49	0.2	
Assessed but unable to avail of	0	0	0	2	0	2	2	0.0	
Need enhanced/alternative service	87	1	88	213	12	225	313	1.2	
Overall demand	233	6	239	643	42	685	924	3.7	
Public health nursing									
Assessment required	93	2	95	867	47	914	1009	4.0	
Assessed and on waiting list	5	0	5	14	0	14	19	0.1	
Assessed but unable to avail of	1	0	1	1	0	1	2	0.0	
Need enhanced/alternative service	52	0	52	152	6	158	210	0.8	
Overall demand	151	2	153	1034	53	1087	1240	4.9	
Continence advice									
Assessment required	131	2	133	524	28	552	685	2.7	
Assessed and on waiting list	5	0	5	12	0	12	17	0.1	
Assessed but unable to avail of	0	0	0	1	0	1	1	0.0	
Need enhanced/alternative service	13	0	13	50	3	53	66	0.3	
Overall demand	149	2	151	587	31	618	769	3.1	
Social work									
Assessment required	125	5	130	685	25	710	840	3.3	
Assessed and on waiting list	6	0	6	11	0	11	17	0.1	
Assessed but unable to avail of	0	0	0	2	0	2	2	0.0	
Need enhanced/alternative service	55	2	57	108	3	111	168	0.7	
Overall demand	186	7	193	806	28	834	1027	4.1	
Psychology									
Assessment required	760	64	824	702	41	743	1567	6.2	
Assessed and on waiting list	155	0	155	35	0	35	190	0.8	
Assessed but unable to avail of	3	0	3	5	0	5	8	0.0	
Need enhanced/alternative service	270	20	290	139	1	140	430	1.7	
Overall demand	1188	84	1272	881	42	923	2195	8.7	

Table 9 Future need for therapeutic intervention and rehabilitation services by age group, 2011 (continued)

	Under 18 years			Over 18 years			All ages		
	Immediate need	2012-2016	All years	Immediate need	2012-2016	All years	n	% of 25170*	
Counselling									
Assessment required	237	61	298	1070	44	1114	1412	5.6	
Assessed and on waiting list	15	0	15	30	1	31	46	0.2	
Assessed but unable to avail of	2	0	2	4	0	4	6	0.0	
Need enhanced/alternative service	23	2	25	98	3	101	126	0.5	
Overall demand	277	63	340	1202	48	1250	1590	6.3	
Play therapy									
Assessment required	228	4	232	34	34	68	300	1.2	
Assessed and on waiting list	7	0	7	0	0	0	7	0.0	
Assessed but unable to avail of	0	0	0	0	0	0	0	0.0	
Need enhanced/alternative service	26	0	26	2	2	4	30	0.1	
Overall demand	261	4	265	36	36	72	337	1.3	
Creative therapy									
Assessment required	202	7	209	317	6	323	532	2.1	
Assessed and on waiting list	2	0	2	3	0	3	5	0.0	
Assessed but unable to avail of	0	0	0	2	0	2	2	0.0	
Need enhanced/alternative service	14	1	15	55	5	60	75	0.3	
Overall demand	218	8	226	377	11	388	614	2.4	
Complementary therapy									
Assessment required	228	12	240	1610	77	1687	1927	7.7	
Assessed and on waiting list	2	0	2	11	0	11	13	0.1	
Assessed but unable to avail of	1	0	1	3	0	3	4	0.0	
Need enhanced/alternative service	47	1	48	227	2	229	277	1.1	
Overall demand	278	13	291	1851	79	1930	2221	8.8	
Assistive technology/client technical service									
Assessment required	215	21	236	622	12	634	870	3.5	
Assessed and on waiting list	20	0	20	23	0	23	43	0.2	
Assessed but unable to avail of	0	0	0	1	0	1	1	0.0	
Need enhanced/alternative service	50	4	54	220	15	235	289	1.1	
Overall demand	285	25	310	866	27	893	1203	4.8	

Table 9 Future need for therapeutic intervention and rehabilitation services by age group, 2011 (continued)

	Under 18 years			Over 18 years			All ages	
	Immediate need	2012-2016	All years	Immediate need	2012-2016	All years	n	% of 25170*
Community resource work	102	6	108	581	23	604	712	2.8
Assessment required	1	1	2	12	0	12	14	0.1
Assessed and on waiting list	0	0	0	1	0	1	1	0.0
Assessed but unable to avail of	20	0	20	147	13	160	180	0.7
Need enhanced/alternative service	123	7	130	741	36	777	907	3.6
Overall demand								
Visual impairment specific services								
Mobility/rehabilitation service for the blind	26	8	34	142	14	156	190	0.8
Assessment required	0	0	0	10	0	10	10	0.0
Assessed and on waiting list	0	0	0	0	0	0	0	0.0
Assessed but unable to avail of	8	0	8	33	11	44	52	0.2
Need enhanced/alternative service	34	8	42	185	25	210	252	1.0
Overall demand								
Hearing impairment specific services								
Audiology	170	4	174	531	26	557	731	2.9
Assessment required	71	2	73	44	1	45	118	0.5
Assessed and on waiting list	0	0	0	3	0	3	3	0.0
Assessed but unable to avail of	129	2	131	209	3	212	343	1.4
Need enhanced/alternative service	370	8	378	787	30	817	1195	4.7
Overall demand								
Aural rehabilitation	18	3	21	149	1	150	171	0.7
Assessment required	0	0	0	8	0	8	8	0.0
Assessed and on waiting list	0	0	0	2	0	2	2	0.0
Assessed but unable to avail of	7	0	7	19	0	19	26	0.1
Need enhanced/alternative service	25	3	28	178	1	179	207	0.8
Overall demand								
Tinnitus retraining	5	1	6	122	3	125	131	0.5
Assessment required	0	0	0	6	0	6	6	0.0
Assessed and on waiting list	0	0	0	2	0	2	2	0.0
Assessed but unable to avail of	1	0	1	11	0	11	12	0.0
Need enhanced/alternative service	6	1	7	141	3	144	151	0.6
Overall demand								

* % of 25170 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, 2011

	Under 18 years		18 and over		All ages	
	n	% of 8034	n	% of 17136	n	% of 25170
General services						
Personal assistant	330	4.1	1432	8.4	1762	7.0
Home help	211	2.6	1958	11.4	2169	8.6
Home care assistant	134	1.7	619	3.6	753	3.0
Twilight nurse	15	0.2	23	0.1	38	0.2
Driving instructor (adapted car)	0	0.0	353	2.1	353	1.4
Communication assistant	12	0.1	55	0.3	67	0.3
Peer support	438	5.5	2426	14.2	2864	11.4
Visual impairment specific services						
Guide dog service	0	0.0	113	0.7	113	0.4
Personal reader	6	0.1	36	0.2	42	0.2
Tape (library support)	43	0.5	563	3.3	606	2.4
Braille (library support)	21	0.3	103	0.6	124	0.5
Large print (library support)	66	0.8	217	1.3	283	1.1
Sighted guide	~		~		52	0.2
Hearing impairment specific services						
Sign language interpreter	33	0.4	215	1.3	248	1.0
Speed text	~		~		66	0.3
Lip speaking	18	0.2	87	0.5	105	0.4
Sign language tuition	68	0.8	118	0.7	186	0.7

~ To protect against the risk of indirect identification of individuals, cells have been suppressed.

Table 11 Future need for personal assistant and support services by age group, 2011 (continued)

	Under 18 years			Over 18 years			All ages	
	Immediate need	2012-2016	All years	Immediate need	2012-2016	All years	n	% of 25170*
Communication assistant								
Assessment required	39	0	39	162	4	166	205	0.8
Assessed and on waiting list	1	0	1	3	0	3	4	0.0
Assessed but unable to avail of	0	0	0	1	0	1	1	0.0
Need enhanced/alternative service	5	0	5	22	0	22	27	0.1
Overall demand	45	0	45	188	4	192	237	0.9
Peer support								
Assessment required	269	19	288	970	28	998	1286	5.1
Assessed and on waiting list	1	0	1	10	2	12	13	0.1
Assessed but unable to avail of	1	0	1	1	0	1	2	0.0
Need enhanced/alternative service	14	0	14	96	1	97	111	0.4
Overall demand	285	19	304	1077	31	1108	1412	5.6
Visual impairment specific services								
Guide dog service								
Assessment required	5	5	10	103	18	121	131	0.5
Assessed and on waiting list	2	0	2	12	1	13	15	0.1
Assessed but unable to avail of	0	0	0	3	0	3	3	0.0
Need enhanced/alternative service	0	0	0	9	3	12	12	0.0
Overall demand	7	5	12	127	22	149	161	0.6
Personal reader								
Assessment required	8	3	11	114	5	119	130	0.5
Assessed and on waiting list	1	0	1	4	0	4	5	0.0
Assessed but unable to avail of	0	0	0	0	0	0	0	0.0
Need enhanced/alternative service	1	0	1	5	0	5	6	0.0
Overall demand	10	3	13	123	5	128	141	0.6
Tape (library support)								
Assessment required	32	3	35	171	2	173	208	0.8
Assessed and on waiting list	2	0	2	12	1	13	15	0.1
Assessed but unable to avail of	2	0	2	3	0	3	5	0.0
Need enhanced/alternative service	3	0	3	36	0	36	39	0.2
Overall demand	39	3	42	222	3	225	267	1.1

Table 11 Future need for personal assistant and support services by age group, 2011 (continued)

	Under 18 years			Over 18 years			All ages		
	Immediate need	2012-2016	All years	Immediate need	2012-2016	All years	n	% of 25170*	
Braille (library support)	7	3	10	27	1	28	38	0.2	
Assessment required									
Assessed and on waiting list	2	0	2	3	0	3	5	0.0	
Assessed but unable to avail of	0	0	0	0	0	0	0	0.0	
Need enhanced/alternative service	2	0	2	10	0	10	12	0.0	
Overall demand	11	3	14	40	1	41	55	0.2	
Large print (library support)	27	6	33	141	6	147	180	0.7	
Assessment required									
Assessed and on waiting list	3	0	3	11	0	11	14	0.1	
Assessed but unable to avail of	1	0	1	1	0	1	2	0.0	
Need enhanced/alternative service	6	0	6	16	0	16	22	0.1	
Overall demand	37	6	43	169	6	175	218	0.9	
Sighted guide	5	3	8	63	6	69	77	0.3	
Assessment required									
Assessed and on waiting list	1	0	1	1	0	1	2	0.0	
Assessed but unable to avail of	0	0	0	1	0	1	1	0.0	
Need enhanced/alternative service	1	0	1	11	0	11	12	0.0	
Overall demand	7	3	10	76	6	82	92	0.4	
Hearing impairment specific services									
Sign language interpreter	34	5	39	178	0	178	217	0.9	
Assessment required									
Assessed and on waiting list	4	1	5	6	1	7	12	0.0	
Assessed but unable to avail of	0	0	0	2	0	2	2	0.0	
Need enhanced/alternative service	12	0	12	75	3	78	90	0.4	
Overall demand	50	6	56	261	4	265	321	1.3	
Speed text	28	0	28	180	0	180	208	0.8	
Assessment required									
Assessed and on waiting list	2	0	2	10	0	10	12	0.0	
Assessed but unable to avail of	0	0	0	6	0	6	6	0.0	
Need enhanced/alternative service	2	0	2	31	1	32	34	0.1	
Overall demand	32	0	32	227	1	228	260	1.0	

Table 11 Future need for personal assistant and support services by age group, 2011 (continued)

	Under 18 years			Over 18 years			All ages	
	Immediate need	2012-2016	All years	Immediate need	2012-2016	All years	n	% of 25170*
Lip speaking								
Assessment required	28	1	29	174	2	176	205	0.8
Assessed and on waiting list	2	0	2	7	0	7	9	0.0
Assessed but unable to avail of	0	0	0	5	0	5	5	0.0
Need enhanced/alternative service	4	0	4	20	0	20	24	0.1
Overall demand	34	1	35	206	2	208	243	1.0
Sign language tuition								
Assessment required	51	5	56	194	3	197	253	1.0
Assessed and on waiting list	6	0	6	14	0	14	20	0.1
Assessed but unable to avail of	0	0	0	7	0	7	7	0.0
Need enhanced/alternative service	14	0	14	39	1	40	54	0.2
Overall demand	71	5	76	254	4	258	334	1.3

* % of 25170 may not always equal overall demand total due to rounding up/down.

Day services

Table 12 Day services and activities, 2011

	n	% of 25170
Baby and toddler groups		
Mainstream baby and toddler group	44	0.2
Specialist baby and toddler group	7	0.0
Pre-school		
Mainstream pre-school	625	2.5
Specialist pre-school		
Specialist pre-school (physical and sensory disability)	84	0.3
Specialist pre-school (intellectual disability)	8	0.0
Combined pre-school (specialist and mainstream)	15	0.1
Primary schools		
Mainstream primary school	4357	17.3
Specialist primary school		
Specialist residential primary school (physical and sensory disability)	5	0.0
Specialist day primary school (intellectual disability)	11	0.0
Specialist day primary school (physical and sensory disability)	167	0.7
Combined (specialist and mainstream) primary school	60	0.2
Primary school education provided at home	10	0.0
Secondary schools		
Mainstream secondary school	1716	6.8
Specialist secondary school		
Specialist residential secondary school (physical and sensory disability)	17	0.1
Specialist day secondary school (intellectual disability)	13	0.1
Specialist day secondary school (physical and sensory disability)	96	0.4
Combined (specialist and mainstream) secondary school	13	0.1
Secondary school education provided at home	8	0.0
Third level education		
Third level education	677	2.7
Training, work and employment services		
Sheltered employment	80	0.3
Supported employment	127	0.5
Sheltered work	123	0.5
Open employment	2838	11.3
Rehabilitative training	400	1.6
Vocational training	557	2.2
Activation services		
Day activation activity services	1754	7.0
Rehabilitation service (other)	6	0.0
Rehabilitation service (physical and sensory disability)	167	0.7
Special care unit	5	0.0
Specialised day service		
Specialised day service for people with head injuries	67	0.3
Other day services		
Other	322	1.3

Table 13 Future need for day services and activities, 2011

		Immediate need	2012-2016	All years	% of 25170*
Baby and toddler					
Mainstream baby and toddler group	Unmet need for service	4	2	6	0.0
	Need for enhanced/alternative service	1	0	1	0.0
	Overall demand	5	2	7	0.0
Specialist baby and toddler group	Unmet need for service	2	1	3	0.0
	Need for enhanced/alternative service	3	0	3	0.0
	Overall demand	5	1	6	0.0
Pre-school					
Mainstream pre-school	Unmet need for service	244	70	314	1.2
	Need for enhanced/alternative service	28	5	33	0.1
	Overall demand	272	75	347	1.4
Specialist pre-school	Unmet need for service	26	5	31	0.1
	Need for enhanced/alternative service	6	2	8	0.0
	Overall demand	32	7	39	0.2
Combined (specialist and mainstream) pre-school	Unmet need for service	5	2	7	0.0
	Need for enhanced/alternative service	2	0	2	0.0
	Overall demand	7	2	9	0.0
Primary school					
Mainstream primary school	Unmet need for service	239	48	287	1.1
	Need for enhanced/alternative service	474	101	575	2.3
	Overall demand	713	149	862	3.4
Specialist primary school	Unmet need for service	19	2	21	0.1
	Need for enhanced/alternative service	44	12	56	0.3
	Overall demand	63	14	77	0.4
Combined (specialist and mainstream) primary school	Unmet need for service	14	1	15	0.1
	Need for enhanced/alternative service	21	0	21	0.1
	Overall demand	35	1	36	0.1
Primary school education provided at home	Unmet need for service	3	0	3	0.0
	Need for enhanced/alternative service	3	0	3	0.0
	Overall demand	6	0	6	0.0
Secondary					
Mainstream secondary school	Unmet need for service	0	0	0	0.0
	Need for enhanced/alternative service	586	291	877	3.5
	Overall demand	586	291	877	3.5
Specialist secondary school	Unmet need for service	6	2	8	0.0
	Need for enhanced/alternative service	54	17	71	0.3
	Overall demand	60	19	79	0.3
Combined (specialist and mainstream) secondary school	Unmet need for service	3	0	3	0.0
	Need for enhanced/alternative service	10	0	10	0.0
	Overall demand	13	0	13	0.1

Table 13 Future need for day services and activities, 2011 (*continued*)

		Immediate need	2012-2016	All years	% of 25170*
Secondary school education provided at home	Unmet need for service	3	0	3	0.0
	Need for enhanced/alternative service	7	1	8	0.0
	Overall demand	10	1	11	0.0
Third level					
Third level education	Unmet need for service	109	4	113	0.4
	Need for enhanced/alternative service	282	120	402	1.6
	Overall demand	391	124	515	2.0
Training and employment					
Rehabilitative training	Unmet need for service	262	4	266	1.1
	Need for enhanced/alternative service	98	10	108	0.4
	Overall demand	360	14	374	1.5
Vocational training	Unmet need for service	297	6	303	1.2
	Need for enhanced/alternative service	150	25	175	0.7
	Overall demand	447	31	478	1.9
Sheltered employment	Unmet need for service	18	0	18	0.1
	Need for enhanced/alternative service	33	4	37	0.1
	Overall demand	51	4	55	0.2
Supported employment	Unmet need for service	96	9	105	0.4
	Need for enhanced/alternative service	91	24	115	0.5
	Overall demand	187	33	220	0.9
Sheltered work	Unmet need for service	28	0	28	0.1
	Need for enhanced/alternative service	29	3	32	0.1
	Overall demand	57	3	60	0.2
Open employment	Unmet need for service	441	22	463	1.8
	Need for enhanced/alternative service	421	44	465	1.8
	Overall demand	862	66	928	3.7
Activation services					
Day activation/ activity	Unmet need for service	542	17	559	2.2
	Need for enhanced/alternative service	280	8	288	1.1
	Overall demand	822	25	847	3.4
Rehabilitation service (physical and sensory disability)	Unmet need for service	90	2	92	0.4
	Need for enhanced/alternative service	53	1	54	0.2
	Overall demand	143	3	146	0.6
Special care unit	Unmet need for service	1	1	2	0.0
	Need for enhanced/alternative service	1	0	1	0.0
	Overall demand	2	1	3	0.0
Specialised day service for people with head injuries	Unmet need for service	61	2	63	0.3
	Need for enhanced/alternative service	52	1	53	0.2
	Overall demand	113	3	116	0.5
Other	Unmet need for service	40	1	41	0.2
	Need for enhanced/alternative service	37	5	42	0.2
	Overall demand	77	6	83	0.3

* % of 25170 may not always equal overall demand total due to rounding up/down.

Residential services

Table 14 Use of residential services, 2011*

	Total	
	n	% of 25170
Dedicated high support with nursing care (older people)	17	0.1
Dedicated high support with nursing care (intellectual disability)	6	0.0
Dedicated high support with nursing care (physical and sensory disability)	63	0.3
Dedicated high support with nursing care and therapy services (older people)	6	0.0
Dedicated high support with nursing care and therapy services (intellectual disability)	~	
Dedicated high support with nursing care and therapy services (physical and sensory disability)	134	0.5
Nursing home	265	1.1
Welfare home	10	0.0
Independent unit in a dedicated complex with high support (> 10 hours)	84	0.3
Independent unit in a dedicated complex with low support (< 10 hours)	56	0.2
Independent unit in a dedicated complex with no support	6	0.0
Specialist unit (e.g. group home for people with brain injury)	39	0.2
Acute general hospital	8	0.0
District/community hospital	43	0.2
Specialist hospital (e.g. NRH, Cappagh)	6	0.0
Mental health residential facility	10	0.0
Other	13	0.1
Living independently in community with high support (> 10 hours)	~	
Living independently in community with low support (< 10 hours)	9	0.0
Living independently in community with no support	~	
Living in community in agency accommodation with agency support	45	0.2
All services	823	3.3

* In Tables 3 and 4, 776 people reported 'full time residential' accommodation/arrangements; however Table 14 refers to 823 people reporting a residential service. The difference (47 people) did not report their living accommodation/arrangements as a residential service.

~ To protect against the risk of indirect identification of individuals, any cells with less than 5 cases have been suppressed.

Table 15 Future need for residential services, 2011

		Immediate need	2012-2016	All years	% of 25170*
Dedicated high support with nursing care (older people)	Unmet need for service	2	0	2	0.0
	Need for enhanced/alternative service	0	0	0	0.0
	Overall demand	2	0	2	0.0
Dedicated high support with nursing care (intellectual disability)	Unmet need for service	2	0	2	0.0
	Need for enhanced/alternative service	1	0	1	0.0
	Overall demand	3	0	3	0.0
Dedicated high support with nursing care (physical and sensory disability)	Unmet need for service	25	0	25	0.1
	Need for enhanced/alternative service	5	1	6	0.0
	Overall demand	30	1	31	0.1
Dedicated high support with nursing care and therapy services (intellectual disability)	Unmet need for service	1	0	1	0.0
	Need for enhanced/alternative service	1	0	1	0.0
	Overall demand	2	0	2	0.0
Dedicated high support with nursing care and therapy services (physical and sensory disability)	Unmet need for service	30	9	39	0.2
	Need for enhanced/alternative service	27	0	27	0.1
	Overall demand	57	9	66	0.3
Nursing home	Unmet need for service	13	1	14	0.1
	Need for enhanced/alternative service	4	0	4	0.0
	Overall demand	17	1	18	0.1
Welfare home	Unmet need for service	4	0	4	0.0
	Need for enhanced/alternative service	1	0	1	0.0
	Overall demand	5	0	5	0.0
Independent unit in a dedicated complex with high support (>10 hours)	Unmet need for service	37	8	45	0.2
	Need for enhanced/alternative service	24	0	24	0.1
	Overall demand	61	8	69	0.3
Independent unit in a dedicated complex with low support (< 10 hours)	Unmet need for service	38	3	41	0.2
	Need for enhanced/alternative service	3	0	3	0.0
	Overall demand	41	3	44	0.2
Independent unit in a dedicated complex with no support	Unmet need for service	5	0	5	0.0
	Need for enhanced/alternative service	0	0	0	0.0
	Overall demand	5	0	5	0.0
Living independently in community with high support (> 10 hours)	Unmet need for service	46	5	51	0.2
	Need for enhanced/alternative service	11	3	14	0.1
	Overall demand	57	8	65	0.3

Table 15 Future need for residential services, 2011 (*continued*)

		Immediate need	2012-2016	All years	% of 25170*
Living independently in community with low support (< 10 hours)	Unmet need for service	46	6	52	0.2
	Need for enhanced/alternative service	8	1	9	0.0
	Overall demand	54	7	61	0.2
Living independently in community with no support	Unmet need for service	27	1	28	0.1
	Need for enhanced/alternative service	1	0	1	0.0
	Overall demand	28	1	29	0.1
Living in community in agency accommodation with agency support	Unmet need for service	20	3	23	0.1
	Need for enhanced/alternative service	13	1	14	0.1
	Overall demand	33	4	37	0.1
Living independently in community with house adapted or rehousing	Unmet need for service	231	9	240	1.0
	Need for enhanced/alternative service	6	0	6	0.0
	Overall demand	237	9	246	1.0
Specialist unit (e.g. group home for people with brain injury)	Unmet need for service	17	1	18	0.1
	Need for enhanced/alternative service	18	1	19	0.1
	Overall demand	35	2	37	0.1
Other	Unmet need for service	11	0	11	0.0
	Need for enhanced/alternative service	2	0	2	0.0
	Overall demand	13	0	13	0.1

* % of 25170 may not always equal overall demand total due to rounding up/down.

Respite services

Table 16 Use of respite services by age group, 2011

	Under 18		18 and over		All ages	
	n	% of 8034	n	% of 17136	n	% of 25170
Planned respite services						
Planned residential respite with high support	46	0.6	520	3.0	566	2.2
Planned residential respite with low support	25	0.3	354	2.1	379	1.5
Planned home-based respite	109	1.4	41	0.2	150	0.6
Summer camp (residential)	52	0.6	95	0.6	147	0.6
Summer camp (day)	320	4.0	120	0.7	440	1.7
Breakaway and befriending schemes	34	0.4	147	0.9	181	0.7
Holiday respite placement	70	0.9	778	4.5	848	3.4
Emergency respite services						
Emergency residential respite with high support	11	0.1	110	0.6	121	0.5
Emergency residential respite with low support	8	0.1	59	0.3	67	0.3
Emergency home-based respite	23	0.3	40	0.2	63	0.3



Table 17 Future need for respite services by age group, 2011

	Under 18 years			Over 18 years			All ages	
	Immediate need	2012-2016	All years	Immediate need	2012-2016	All years	n	% of 25170*
Planned residential respite with high support	Assessment required	52	3	55	320	17	392	1.6
	Assessed and on waiting list	2	0	2	19	0	21	0.1
	Assessed but unable to avail of	3	0	3	5	0	8	0.0
	Need enhanced/alternative service	14	0	14	152	2	168	0.7
	Overall demand	71	3	74	496	19	515	589
Planned residential respite with low support	Assessment required	42	7	49	449	41	490	2.1
	Assessed and on waiting list	2	1	3	17	1	21	0.1
	Assessed but unable to avail of	0	0	0	4	0	4	0.0
	Need enhanced/alternative service	2	0	2	59	1	62	0.2
	Overall demand	46	8	54	529	43	572	626
Planned home-based respite	Assessment required	135	7	142	323	14	337	1.9
	Assessed and on waiting list	5	0	5	4	0	9	0.0
	Assessed but unable to avail of	1	0	1	4	0	5	0.0
	Need enhanced/alternative service	18	1	19	8	0	27	0.1
	Overall demand	159	8	167	339	14	353	520
Summer camp (residential)	Assessment required	130	6	136	157	3	296	1.2
	Assessed and on waiting list	5	0	5	8	0	13	0.1
	Assessed but unable to avail of	3	0	3	7	0	10	0.0
	Need enhanced/alternative service	12	1	13	21	0	34	0.1
	Overall demand	150	7	157	193	3	196	353

Table 17 Future need for respite services by age group, 2011 (continued)

	Under 18 years			Over 18 years			All ages	
	Immediate need	2012-2016	All years	Immediate need	2012-2016	All years	n	% of 25170*
Summer camp (day)								
Assessment required	566	48	614	182	4	186	800	3.2
Assessed and on waiting list	24	6	30	5	0	5	35	0.1
Assessed but unable to avail of	8	0	8	3	0	3	11	0.0
Need enhanced/alternative service	73	4	77	39	0	39	116	0.5
Overall demand	671	58	729	229	4	233	962	3.8
Breakaway and befriending scheme								
Assessment required	116	9	125	426	8	434	559	2.2
Assessed and on waiting list	4	1	5	9	0	9	14	0.1
Assessed but unable to avail of	2	0	2	8	0	8	10	0.0
Need enhanced/alternative service	4	0	4	21	3	24	28	0.1
Overall demand	126	10	136	464	11	475	611	2.4
Holiday respite placement								
Assessment required	156	17	173	1106	47	1153	1326	5.3
Assessed and on waiting list	28	0	28	50	1	51	79	0.3
Assessed but unable to avail of	3	0	3	8	0	8	11	0.0
Need enhanced/alternative service	9	0	9	214	2	216	225	0.9
Overall demand	196	17	213	1378	50	1428	1641	6.5

* % of 25170 may not always equal overall demand total due to rounding up/down.

Technical aids and appliances

Table 18 Use of and requirement for technical aids and appliances, 2011

	Current use		Assessed and requiring TAA	Assessment required			Combined total future (assessed and assessment required)
	n	%		Immediate need	2012-2016	Total assessment required	
Aids to mobility	14992	59.6	601	2172	104	2276	2877
Powered wheelchair	1493	5.9	109	328	20	348	457
Scooter	231	0.9	15	60	1	61	76
Manual specialised wheelchair	1479	5.9	73	239	21	260	333
Manual regular wheelchair	2787	11.1	78	215	12	227	305
Special pushchair or buggy	214	0.9	28	37	2	39	67
Special bicycle or tricycle	210	0.8	15	60	3	63	78
Portable ramps	201	0.8	26	115	1	116	142
Rollator	621	2.5	12	62	4	66	78
Specialised walkers	570	2.3	39	76	5	81	120
Frame/zimmer	662	2.6	15	35	3	38	53
Walking sticks/canes/crutches	3480	13.8	19	150	5	155	174
Guidance canes	254	1.0	11	10	0	10	21
Support white stick	111	0.4	1	8	0	8	9
Grab rails and bars	1632	6.5	113	502	9	511	624
Adapted vehicles (wheelchair rack, gears/lifts)	1034	4.1	44	270	18	288	332
Propulsion unit	3	0.0	0	2	0	2	2
Fixed ramp	10	0.0	3	3	0	3	6

Table 18 Use of and requirement for technical aids and appliances, 2011 (continued)

	Current use		Assessed and requiring TAA	Assessment required			Combined total future (assessed and assessment required)
	n	%		n	Immediate need	2012-2016	
Orthotics and prosthetics	4489	17.8	158	681	41	722	880
Cervical lumbar supports	154	0.6	0	28	1	29	29
Upper limb orthoses	666	2.6	0	67	7	74	74
Upper limb prostheses	97	0.4	5	19	2	21	26
Lower limb orthoses	1807	7.2	35	233	11	244	279
Lower limb prostheses	307	1.2	14	51	4	55	69
Orthopaedic footwear	1239	4.9	89	237	13	250	339
Other prosthetic devices	63	0.3	5	9	1	10	15
Other orthotic devices	156	0.6	10	37	2	39	49
Vision aids	4028	16.0	334	763	74	837	1171
Information technology for people with visual impairment	1979	7.9	200	476	42	518	718
Special computer equipment	802	3.2	95	204	17	221	316
Print/display magnification	454	1.8	28	100	4	104	132
Screen reader and voice synthesiser	332	1.3	34	78	9	87	121
Scanner	314	1.2	32	61	7	68	100
Braille printer	22	0.1	4	15	2	17	21
Notetaker (e.g. Braille 'n Speak)	35	0.1	5	13	0	13	18
Character reading machines (e.g. Kurzweil reading machine)	20	0.1	2	5	3	8	10
Low vision aids	1212	4.8	74	153	19	172	246
Magnifiers	777	3.1	32	99	11	110	142
Close circuit television	199	0.8	29	35	5	40	69
Telescopes	207	0.8	10	18	3	21	31
Overhead projector	9	0.0	0	1	0	1	1
Reading lights	3	0.0	2	0	0	0	2
Glasses/contact lenses	17	0.1	1	0	0	0	1

Table 18 Use of and requirement for technical aids and appliances, 2011 (continued)

	Current use		Assessed and requiring TAA	Assessment required			Combined total future (assessed and assessment required)
	n	%		n	Immediate need	2012-2016	
Braille equipment	837	3.3	60	134	13	147	207
Braille Perkins machine	80	0.3	3	3	2	5	8
Braille paper	49	0.2	1	2	1	3	4
Dymogun	19	0.1	1	2	0	2	3
Other braille equipment	31	0.1	3	4	1	5	8
Audible/tactile devices	569	2.3	44	95	9	104	148
Writing aids	86	0.3	8	28	0	28	36
Light filters	3	0.0	0	0	0	0	0
Aids to hearing	3655	14.5	428	1354	37	1391	1819
Personal listening devices (e.g. loop system)	308	1.2	53	171	3	174	227
Fax/telephone devices	439	1.7	69	180	4	184	253
Teletext equipment/caption readers	267	1.1	36	80	0	80	116
Hearing aid (including cochlear implant device)	1937	7.7	125	311	18	329	454
Alerting devices	690	2.7	124	491	12	503	627
Videophone	14	0.1	21	121	0	121	142
Communication aids	257	1.0	37	137	5	142	179
High technology communication devices	153	0.6	28	100	5	105	133
Low technology communication devices	90	0.4	8	36	0	36	44
Assistive products for alternative/ augmentative communication	1	0.0	0	0	0	0	0
Talk tools	9	0.0	1	1	0	1	2
Talking reading materials	3	0.0	0	0	0	0	0
Accessories for telephoning	1	0.0	0	0	0	0	0

Table 18 Use of and requirement for technical aids and appliances, 2011 (continued)

	Current use		Assessed and requiring TAA	Assessment required			Combined total future (assessed and assessment required)
	n	%		n	Immediate need	2012-2016	
Incontinence aids	1499	6.0	37	61	1	62	99
Neurostimulators	15	0.1	1	5	0	5	6
Catheters	615	2.4	11	13	1	14	25
Bags/pads	847	3.4	25	35	0	35	60
Urinary prosthesis	11	0.0	0	0	0	0	0
Aids for continence training	11	0.0	0	8	0	8	8
Special furniture and other aids to personal care	17963	71.4	1194	4523	128	4651	5640
Hoists	950	3.8	49	177	13	190	239
Powered hoist	673	2.7	30	130	10	140	170
Manual hoist	157	0.6	9	26	2	28	37
Overhead hoist	120	0.5	10	21	1	22	32
Lifts	250	1.0	34	167	4	171	205
Floor through ceiling lift	48	0.2	6	14	0	14	20
Stair lift	201	0.8	27	150	4	154	181
External lift	1	0.0	1	3	0	3	4
Special bed or bedding	2763	11.0	97	487	19	506	603
Powered bed	1350	5.4	52	225	13	238	290
Manual bed	135	0.5	4	22	0	22	26
Pressure relieving bed	118	0.5	5	41	3	44	49
Pressure relieving mattress	705	2.8	18	146	3	149	167
Bed accessories (e.g. boards, poles, ladders)	441	1.8	16	53	0	53	69
Mattress raiser	11	0.0	1	0	0	0	1
Bedding	3	0.0	1	0	0	0	1

Table 18 Use of and requirement for technical aids and appliances, 2011 (continued)

	Current use		Assessed and requiring TAA	Assessment required			Combined total future (assessed and assessment required)
	n	%		n	Immediate need	2012-2016	
Aids to lying	121	0.5	23	46	0	46	69
Various wedges/rolls	63	0.3	9	28	0	28	37
Sleep systems (e.g. SYMMETRISleep)	58	0.2	14	18	0	18	32
Aids to toileting	1645	6.5	91	250	6	256	347
Commode	415	1.6	11	31	0	31	42
Potty chair	43	0.2	3	18	2	20	23
Adapted toilet seat	778	3.1	36	106	2	108	144
Toilet surrounds	345	1.4	39	84	2	86	125
Bidet	19	0.1	1	7	0	7	8
Urine bottle	40	0.2	0	4	0	4	4
Specialised toilet	5	0.0	1	0	0	0	1
Aids to bathing	6653	26.4	509	1765	45	1810	2319
Specialised bath	84	0.3	15	91	3	94	109
Powered bath aid	227	0.9	18	77	3	80	98
Manual bath aid (e.g. bath seat)	580	2.3	43	139	3	142	185
Shower aid	3062	12.2	215	688	19	707	922
Bathroom grab rails and bars	2460	9.8	177	713	16	729	906
Adapted wash basin	29	0.1	12	9	1	10	22
Adapted shower	211	0.8	29	48	0	48	77
Aids to sitting	2288	9.1	181	551	19	570	751
Specialised chair	1256	5.0	106	297	9	306	412
Car seat	212	0.8	17	56	2	58	75
High chair for children	87	0.3	8	10	0	10	18

Table 18 Use of and requirement for technical aids and appliances, 2011 (continued)

	Current use		Assessed and requiring TAA	Assessment required			Combined total future (assessed and assessment required)
	n	%		n	Immediate need	2012-2016	
Pressure relieving cushion	511	2.0	22	109	1	110	132
Wedges	35	0.1	6	17	0	17	23
Chair raiser	19	0.1	5	8	0	8	13
Custom specialised seating insert	156	0.6	16	52	7	59	75
Device for supporting the legs/feet	12	0.0	1	2	0	2	3
Aids to standing	434	1.7	29	62	2	64	93
Parallel bars	34	0.1	2	13	0	13	15
Standing frame	386	1.5	23	45	2	47	70
Powered standing frame	7	0.0	2	3	0	3	5
Sit-to-stand frame	7	0.0	2	1	0	1	3
Other special furniture and aids to personal care	1209	4.8	65	491	16	507	572
Environmental control	148	0.6	20	143	8	151	171
Monitoring system	55	0.2	3	11	0	11	14
Reading aid	21	0.1	2	4	0	4	6
Dressing aid	191	0.8	12	72	3	75	87
Feeding aid	292	1.2	4	32	1	33	37
Aid for administering medicines	109	0.4	2	9	1	10	12
Aid for dialysis therapy	7	0.0	0	0	0	0	0
Aid for housekeeping	14	0.1	2	4	0	4	6
Kitchen aid	371	1.5	20	216	3	219	239
Physical/physiological and biochemical test equipment and materials	1	0.0	0	0	0	0	0

Table 18 Use of and requirement for technical aids and appliances, 2011 (continued)

	Current use		Assessed and requiring TAA	Assessment required			Combined total future (assessed and assessment required)
	n	%		n	Immediate need	2012-2016	
Therapy aids	1526	6.1	110	495	4	499	609
Aid for circulation therapy	8	0.0	0	4	0	4	4
Transcutaneous Electrical Nerve Stimulation (TENS)	137	0.5	5	27	0	27	32
Multi-sensory	19	0.1	4	17	0	17	21
Exercise equipment	541	2.1	35	122	3	125	160
Weights	36	0.1	3	23	0	23	26
Treatment table	46	0.2	9	13	0	13	22
Heated pads	47	0.2	3	32	0	32	35
Muscle stimulator	110	0.4	8	64	0	64	72
Therapeutic listening device	15	0.1	9	5	0	5	14
Therapeutic tapes/CDS	21	0.1	4	4	0	4	8
Variable frequency photo-stimulation	3	0.0	0	0	0	0	0
Aid for grasping, holding and reaching	526	2.1	25	182	1	183	208
Aid for hand protection	3	0.0	2	0	0	0	2
Products for skin care, protection and cleaning	0	0.0	1	0	0	0	1
Assistive products for protecting the body	12	0.0	0	2	0	2	2
Assistive products for handling objects/devices	1	0.0	0	0	0	0	0
Manual devices for drawing/handwriting	1	0.0	1	0	0	0	1
Stockings/socks	0	0.0	1	0	0	0	1

Table 18 Use of and requirement for technical aids and appliances, 2011 (continued)

	Current use		Assessed and requiring TAA	Assessment required			Combined total future (assessed and assessment required)
	n	%		n	Immediate need	2012-2016	
Transfer aids	124	0.5	6	32	0	32	38
Transfer board	97	0.4	4	25	0	25	29
Transfer sling	26	0.1	2	7	0	7	9
Assistive products for transfer and turning	1	0.0	0	0	0	0	0
Respiratory aids	2721	10.8	44	158	2	160	204
Peak flow meter	57	0.2	0	8	0	8	8
Nebuliser	879	3.5	21	71	2	73	94
Oxygen concentrators	157	0.6	6	18	0	18	24
Inhalers	1026	4.1	5	10	0	10	15
Suction machine	78	0.3	1	8	0	8	9
Pep mask	312	1.2	3	18	0	18	21
Home ventilator	64	0.3	0	3	0	3	3
Humidifier	16	0.1	2	4	0	4	6
Oxygen unit and tubing	73	0.3	3	8	0	8	11
Tracheostomy aid	12	0.0	0	0	0	0	0
Vibratory positive expiratory pressure system	11	0.0	0	4	0	4	4
Respiration meter	9	0.0	0	1	0	1	1
Aspirator	4	0.0	2	0	0	0	2
Air cleaner	3	0.0	0	2	0	2	2
Aids for respiratory therapy	20	0.1	1	3	0	3	4

Table 18 Use of and requirement for technical aids and appliances, 2011 (continued)

	Current use		Assessed and requiring TAA n	Assessment required			Combined total future (assessed and assessment required)
	n	%		Immediate need	2012-2016	Total assessment required	
Other	2287	9.1	235	879	36	915	1150
Body plaster or neofract jacket	7	0.0	0	2	0	2	2
Deep brain stimulation machine	1	0.0	0	0	0	0	0
Therapeutic weighted clothing	2	0.0	0	2	0	2	2
Pump to drain lymph nodes	6	0.0	0	0	0	0	0
Adjustable table/adapted desk	94	0.4	11	26	2	28	39
Specialised helmet	17	0.1	1	8	1	9	10
Mobile phone	369	1.5	24	82	6	88	112
Drip stand	16	0.1	0	1	0	1	1
Standing stool	60	0.2	2	18	0	18	20
Glucometer and associated equipment	831	3.3	9	16	1	17	26
Standard computer accessories	79	0.3	17	105	1	106	123
Specialised software	131	0.5	44	165	1	166	210
Standard computer for social/educational purposes	620	2.5	114	408	22	430	544
Specialised hardware	54	0.2	13	46	2	48	61

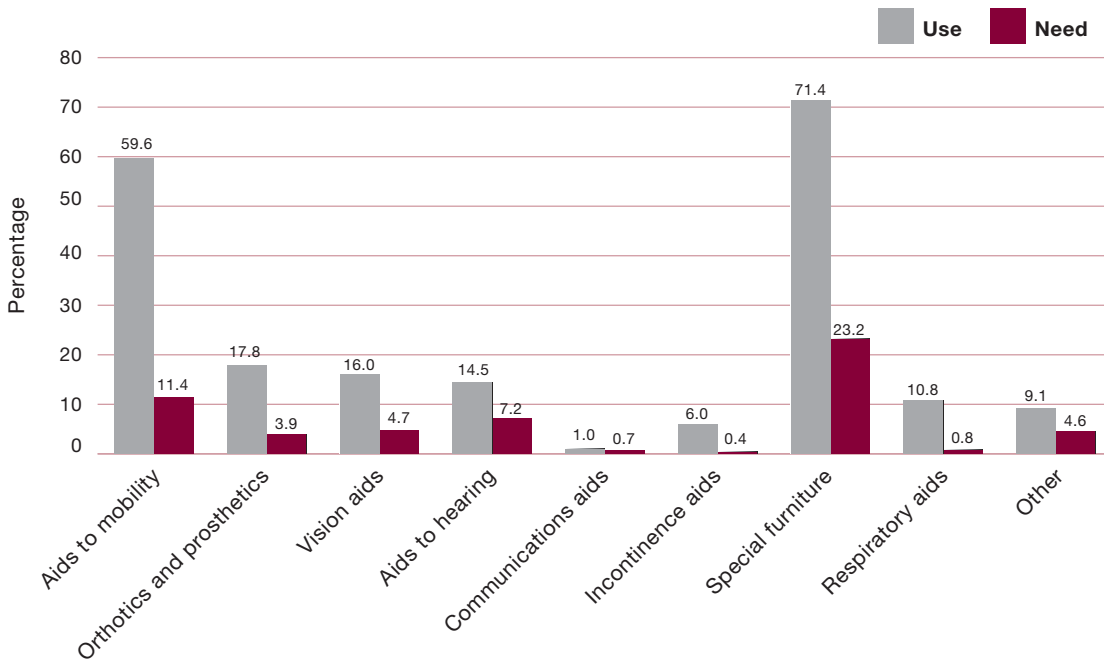


Figure 4 Percentage of people who use or need at least one technical aid/appliance, 2011



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 the individual experienced in the previous 12 months. Barriers include income, transport, physical environment and attitudes.
- Participation restriction – the extent participation in major life areas such as education, employment, socialising or shopping, was restricted in the previous twelve months.
- World Health Organization Disability Assessment Schedule 2.0 (WHODAS 2.0) – the extent the individual experienced difficulty with daily activities of functioning, such as washing, dressing, communicating or 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. The figures presented below are based on the 12,876 people who had completed this section of the form by December 2011 and the percentages are based on the valid percentages i.e. excluding those who responded 'not applicable' and those who refused to answer. 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 a 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 2011 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 (56.4% of valid respondents) followed by climate/ weather (53.2%) and income (40.1%).

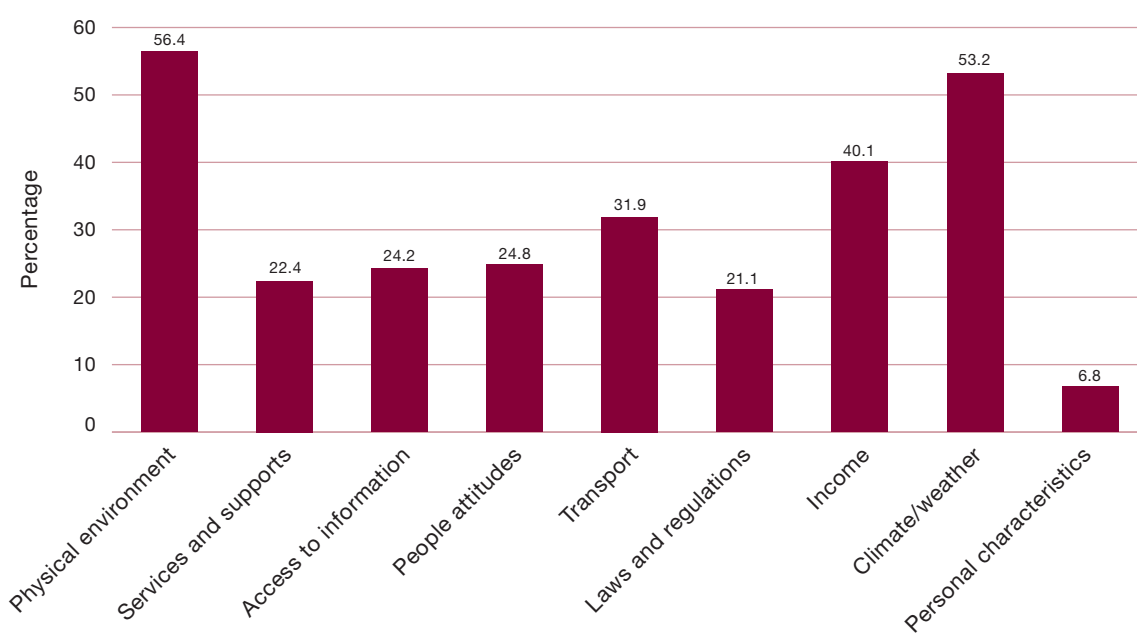


Figure 5 Barriers and challenges, 2011

Figure 6 presents information on the extent of participation restriction experienced by individuals in various life areas. The extent of restriction can be recorded as mild, moderate, severe or complete. The data presented below groups these four categories into one category of ‘some’ restriction. As the graph illustrates, sports or physical recreation (69.6%), employment and job seeking (67.5%) and socialising (60.4%) were the greatest areas of restriction experienced by this group.



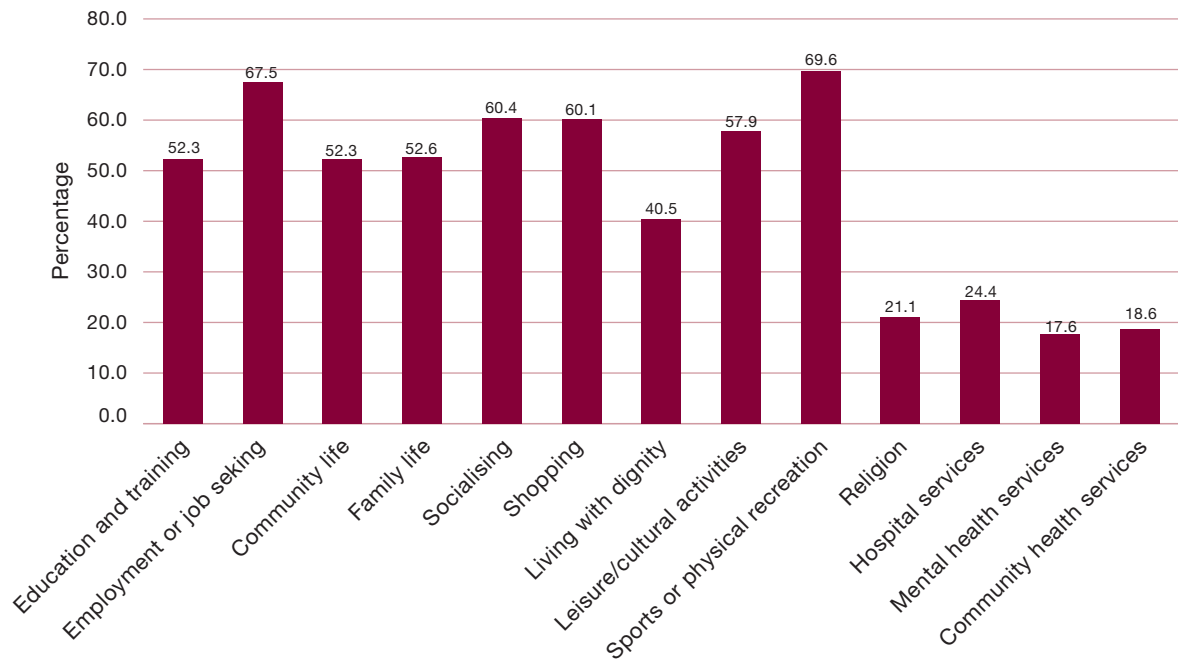


Figure 6 Participation restriction, 2011

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 or extreme/cannot do. The data presented in Figure 7 groups these four categories into one category of 'some' difficulty. 85.4% of respondents recorded that the difficulties they reported interfered with their lives. The emotional effect of their disability (73.2%) was the greatest area of difficulty, followed by standing for long periods (71.6%) and walking long distances (70.0%).

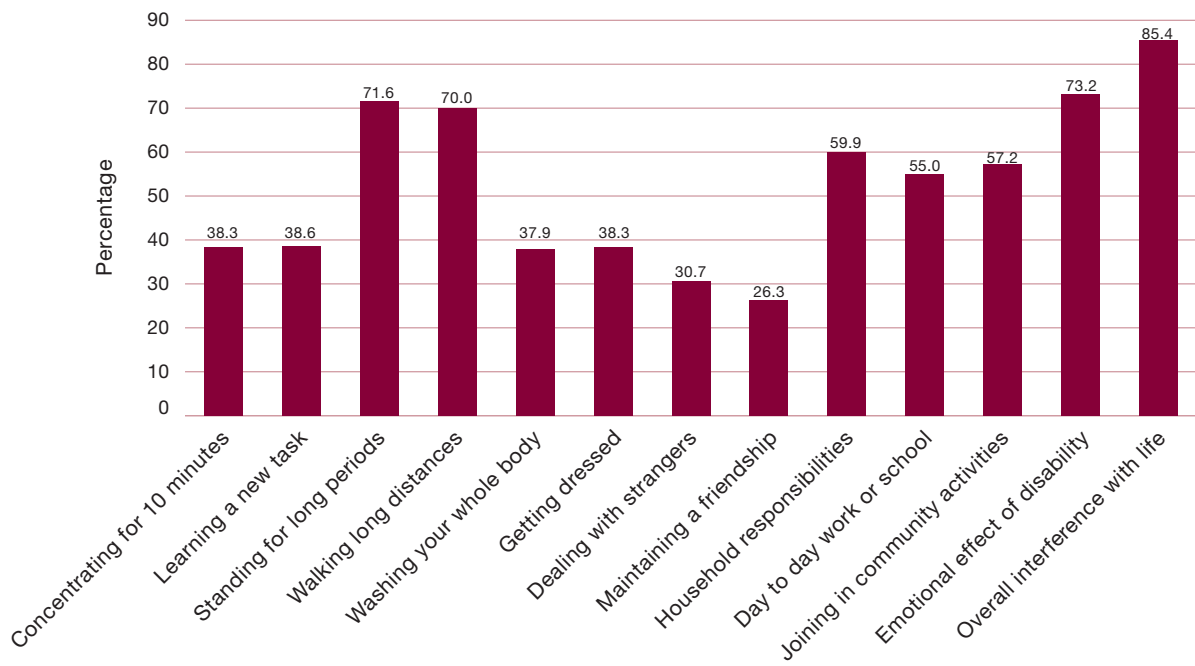


Figure 7 WHODAS 2.0 – World Health Organization Disability Assessment Schedule, 2011



