

SDR 203/2014

25 November 2014

Community Dental Services in Wales, 2013-14

This annual statistical release presents a summary of the activity of the Community Dental Service (CDS) in Wales during 2013-14. Activity is summarised in terms of contacts patients make with the service, the types of treatments provided and additional services offered. A contact is defined as a patient visit, and occurs each time a patient is seen face-to-face by a member of the CDS for the purpose of examination, treatment, prevention of oral disease (including advice). For more information about the data see the [Quality Report](#) and [Key Quality Information](#) pages.

Although there is a generic role for the CDS, as defined below, each of the six CDSs face unique local challenges and have developed distinctive features of service provision to meet those needs. Therefore any comparisons within the CDS or of the CDS to the General Dental Service must be sensitive to these distinctive features of service provision.

The role of the CDS is defined in the [Ministerial Letter EH/ML/014/08](#) to:

- Provide treatment to patients who have experienced difficulty obtaining treatment from the general dental service, or for whom there is evidence that they would not otherwise seek treatment;
- Provide oral health promotion programmes;
- Monitor the dental health of the population through involvement in epidemiology surveys;
- Screen school children and other priority groups.

Key Results

- There were 168,862 contacts with the CDS in 2013-14, 5,694 (3.5 per cent) more than in the previous year.
- The number of patients seen by the CDS in 2013-14 was 68,747 patients (i.e. individuals), 1,396 (2.1 per cent) more than in 2012-13.

Separate data for Cwm Taf is included for the first time. Prior to 2013-14 data for Cwm Taf residents was included in data for Cardiff and Vale CDS.

Additional details, including some historical data, are available on the [StatsWales](#) service.

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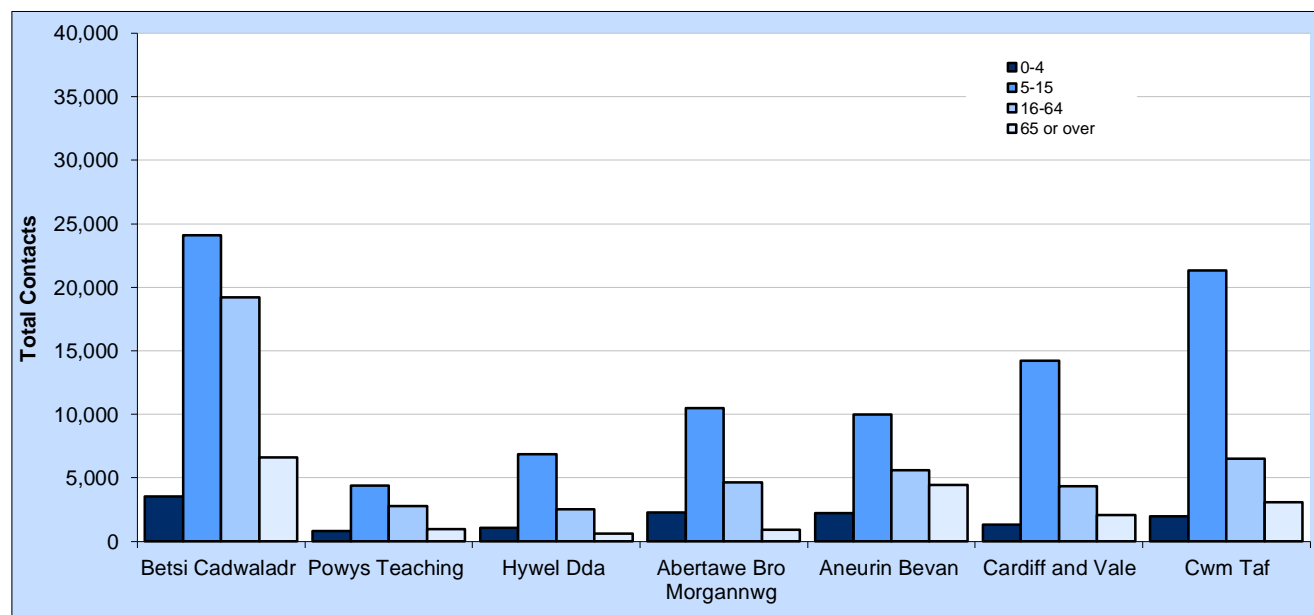
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Contacts

A contact is defined as a patient visit, and occurs each time a patient is seen face-to-face by a member of the CDS for the purpose of examination, treatment, prevention of oral disease (including advice).

Chart 1: Total contacts by age group and CDS, 2013-14



Source: Welsh Government

Table 1: Total contacts by age group and CDS

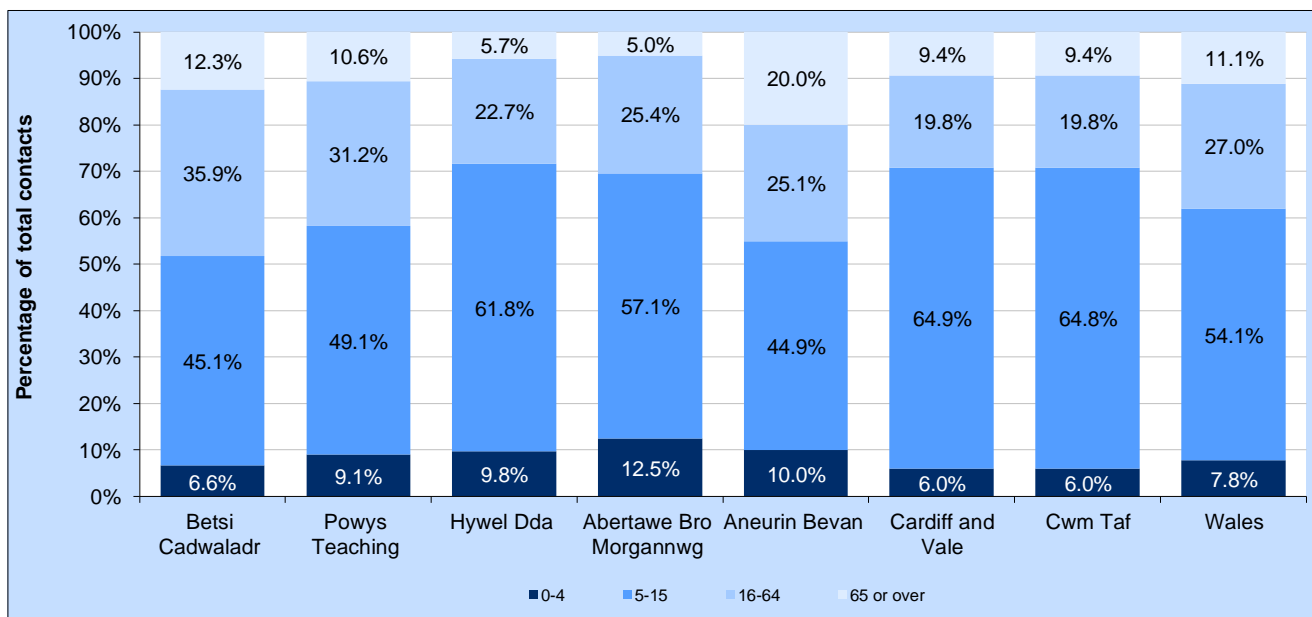
CDS	Number of Contacts									
	2012-13					2013-14				
	0-4	5-15	16-64	65 or over	Total	0-4	5-15	16-64	65 or over	Total
Betsi Cadwaladr	2,840	22,072	18,010	6,339	49,261	3,541	24,091	19,186	6,596	53,414
Powys Teaching	731	3,856	2,184	836	7,607	811	4,391	2,792	945	8,939
Hywel Dda	1,129	8,019	3,430	768	13,346	1,081	6,847	2,509	635	11,072
Abertawe Bro Morgannwg	2,451	10,804	3,661	1,147	18,063	2,297	10,498	4,663	923	18,381
Aneurin Bevan	2,290	9,916	5,945	4,420	22,571	2,231	9,997	5,601	4,446	22,275
Cardiff and Vale	2,720	34,972	9,934	4,694	52,320	1,312	14,211	4,340	2,049	21,912
Cwm Taf	.	.	.	.	.	1,968	21,315	6,510	3,076	32,869
Wales	12,161	89,639	43,164	18,204	163,168	13,241	91,350	45,601	18,670	168,862

. Data not applicable as prior to 2013-14 Cardiff & Vale and Cwm Taf had been reported together

Source: Welsh Government

Table 1 shows that there were 168,862 contacts with the CDS in 2013-14 5,694 (3.5 per cent) more than in the previous year. Four of the CDS regions showed an increase in the number of contacts, including: Betsi Cadwaladr, Powys Teaching, Abertawe Bro Morgannwg and Cardiff & Vale / Cwm Taf (prior to 2013-14 data for Cwm Taf residents was included in data for Cardiff and Vale CDS) and two a decrease (Hywel Dda and Aneurin Bevan).

Chart 2: Contacts by age group as a percentage of total contacts by CDS, 2013-14

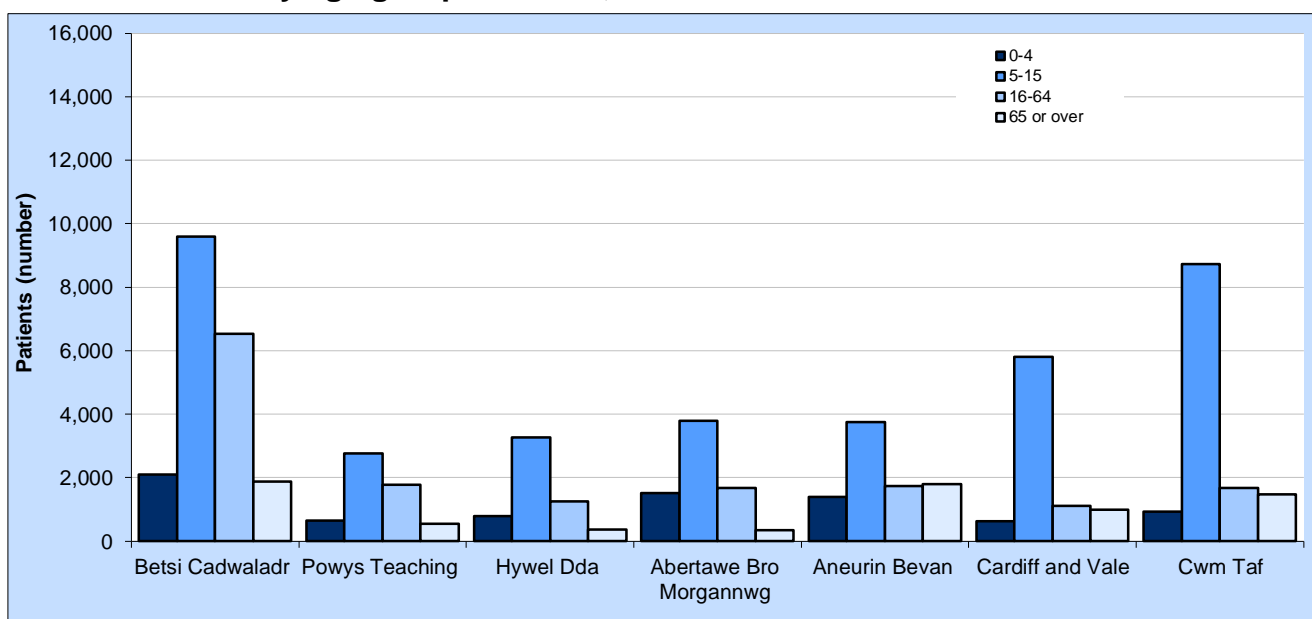


Source: Welsh Government

Chart 2 shows the percentage of total contacts for each CDS and each age group. Abertawe Bro Morgannwg had proportionally more contacts in the 0-4 year age group than any other CDS. Betsi Cadwaladr and Aneurin Bevan have proportionally fewer contacts in the 5-15 year age group than any other CDS. Aneurin Bevan had proportionally the most contacts in the 65 or over age group.

Patients

Chart 3: Patients by age group and CDS, 2013-14



Source: Welsh Government

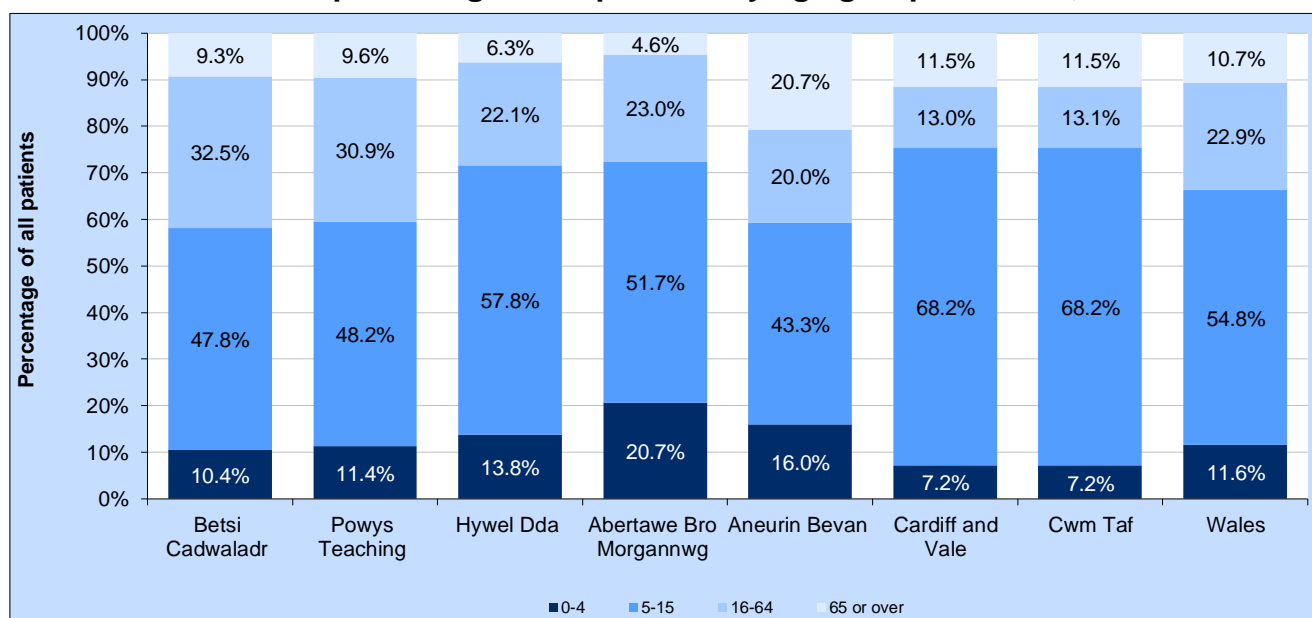
Table 2: Patients by age group and CDS

CDS	2012-13						2013-14					
	0-4	5-15	16-64	65 or over	Total	Of which orthodontic	0-4	5-15	16-64	65 or over	Total	Of which orthodontic
	Betsi Cadwaladr	1,725	8,998	6,146	1,719	18,588	676	2,095	9,600	6,531	1,877	20,103	706
Powys Teaching	568	2,425	1,312	435	4,740	82	650	2,759	1,768	549	5,726	64
Hywel Dda	792	3,978	1,149	488	6,407	2	778	3,265	1,250	353	5,646	1
Abertawe Bro Morgannwg	1,578	3,925	1,416	446	7,365	347	1,512	3,781	1,680	338	7,311	407
Aneurin Bevan	1,464	4,043	1,895	1,890	9,292	0	1,382	3,744	1,727	1,793	8,646	0
Cardiff and Vale	1,414	14,171	3,466	1,908	20,959	1,912	618	5,812	1,112	984	8,526	0
Cwm Taf	.	.	.	.	.	.	926	8,719	1,670	1,474	12,789	0
Wales	7,541	37,540	15,384	6,886	67,351	3,019	7,961	37,680	15,738	7,368	68,747	1,178

. Data not applicable as prior to 2013-14 Cardiff & Vale and Cwm Taf had been reported together

Source: Welsh Government

Chart 4: Patients as a percentage of all patients by age group and CDS, 2013-14



Source: Welsh Government

Table 2 above shows that 68,747 patients (i.e. individuals) were seen by the CDS in 2013-14. Betsi Cadwaladr CDS had the highest number of contacts per patient (2.7) while Powys had the lowest number (1.6).

As shown by Chart 4, for every CDS the largest proportion of patients seen was in the 5-15 year age group, accounting for 54.8 per cent of the Wales total.

Treatments

The Community Dental Service provides a range of services and treatments. Information is presented here on the services and treatments for which all the CDSs supplied data. The activity information below is not an exhaustive account of the activity of the CDS. For further information about the different treatment types, please see the [Quality Report](#).

Table 3: Selected treatments by age group, 2013-14

Treatment	Number of Patients				
	0-4	5-15	16-64	65 or over	Total
Fluoride application (varnish & gel)	1,474	8,181	2,567	1,008	13,230
Completed root canal treatment	0	151	310	32	493
Fissure sealants	11	5,871	354	26	6,262
Fillings & sealant restorations	1,052	16,146	6,095	1,335	24,628
New dentures	0	32	543	882	1,457
Relines and additions	0	7	180	301	488

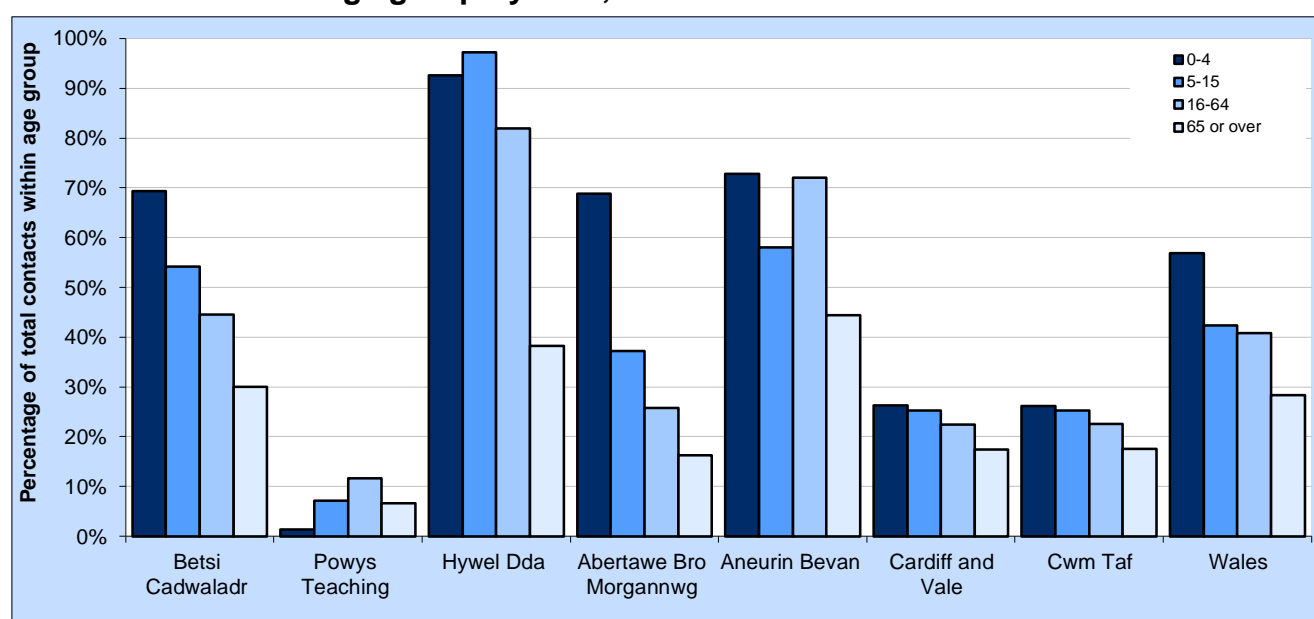
Source: Welsh Government

Table 3 shows how many patients received each of the above treatments across Wales in 2013-14. Of the selected treatments, fillings and sealant restorations was the most frequently provided treatment and 65.6 per cent of all fissure sealants were provided to the 5-15 year age group.

Table 4: Contacts involving oral health promotion/scale & polish by age group and CDS, 2013-14

CDS	Number of Contacts				
	0-4	5-15	16-64	65 or over	Total
Betsi Cadwaladr	2,457	13,056	8,532	1,977	26,022
Powys Teaching	11	316	326	63	716
Hywel Dda	1,001	6,653	2,057	243	9,954
Abertawe Bro Morgannwg	1,580	3,910	1,200	150	6,840
Aneurin Bevan	1,624	5,797	4,035	1,972	13,428
Cardiff and Vale	345	3,596	976	358	5,275
Cwm Taf	515	5,394	1,465	538	7,912
Wales	7,533	38,722	18,591	5,301	70,147

Source: Welsh Government

Chart 5: Contacts involving Oral Health Promotion/scale and polish as a percentage of contacts within each age group by CDS, 2013-14

Source: Welsh Government

Table 4 above shows the number of contacts where an Oral Health Promotion (OHP)/scale and polish was given within each age group and for each CDS. For example in Wales in 2013-14, 70,147 contacts (41.5 per cent of all contacts) involved an OHP/scale and polish, an increase of 1,187 (1.7 per cent) compared with 2012-13. Similarly Chart 5 shows the percentage of the contacts within each age group and CDS that involved an OHP/scale and polish. For example in Wales, 56.9 per cent of all contacts in the 0-4 year age group involved an OHP/scale and polish, whereas only 28.4 per cent of all contacts in the 65 or over age category involved an OHP/scale and polish. In Hywel Dda, 89.9 per cent of contacts across all age groups involved an oral health promotion/scale & polish in 2013-14.

Table 5: Radiographs by age group and CDS, 2013-14

CDS	<i>Number of Items</i>				
	0-4	5-15	16-64	65 or over	Total
Betsi Cadwaladr	52	3,674	4,045	530	8,301
Powys Teaching	2	441	562	60	1,065
Hywel Dda	4	702	421	19	1,146
Abertawe Bro Morgannwg	6	551	565	74	1,196
Aneurin Bevan	0	1,048	636	84	1,768
Cardiff and Vale	2	970	412	44	1,428
Cwm Taf	4	1,455	619	65	2,143
Wales	70	8,841	7,260	876	17,047

Source: Welsh Government

Table 5 shows that the 5-15 and the 16-64 year age group accounted for 94.5 per cent of the total radiographs taken. The highest percentage of radiographs in the 5-15 year age group was in Cwm Taf and Cardiff and Vale which both performed 67.9 per cent of its radiographs in that age category. This is compared to Powys Teaching with the lowest percentage at 41.4 per cent. Similarly Powys Teaching completed 52.8 per cent of its radiographs in the 16-64 year age group, compared with Cwm Taf and Cardiff and Vale which both performed 28.9 per cent.

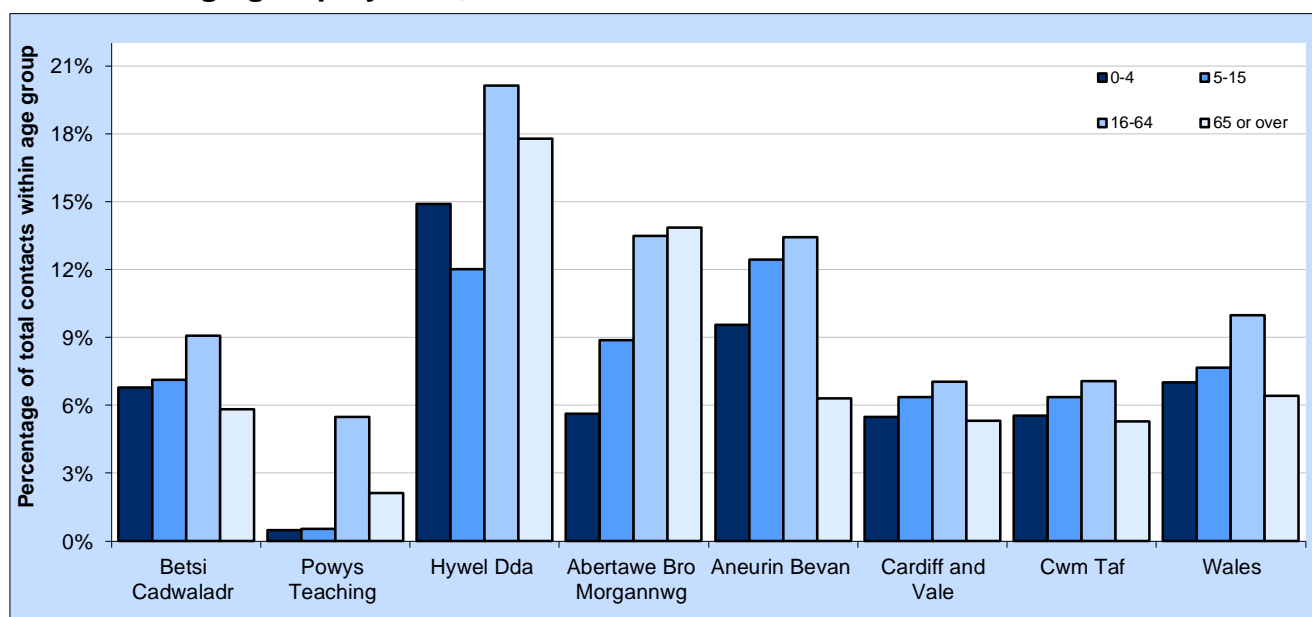
Services

Table 6: Emergency and urgent treatments by age group and CDS, 2013-14

CDS	<i>Number of Contacts</i>				
	0-4	5-15	16-64	65 or over	Total
Betsi Cadwaladr	240	1,715	1,741	385	4,081
Powys Teaching	4	23	153	20	200
Hywel Dda	161	823	505	113	1,602
Abertawe Bro Morgannwg	129	932	629	128	1,818
Aneurin Bevan	213	1,243	752	280	2,488
Cardiff and Vale	72	906	306	109	1,393
Cwm Taf	109	1,358	461	163	2,091
Wales	928	7,000	4,547	1,198	13,673

Source: Welsh Government

Chart 6: Emergency and urgent treatment contacts as a percentage of total contacts within each age group by CDS, 2013-14



Source: Welsh Government

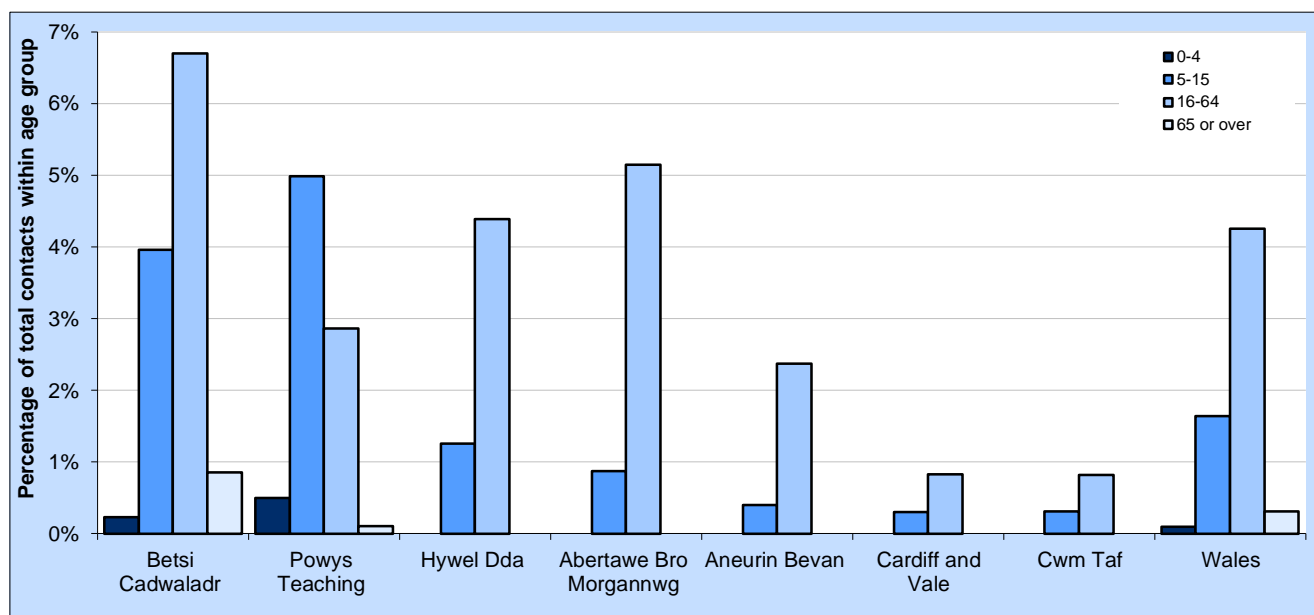
For Wales in 2013-14 the total number of emergency and urgent treatments was 13,673 (8.1 per cent of total contacts), which was an increase of 2,082 (18.0 per cent) from 2012-13. For all of the CDSs except Abertawe Bro Morgannwg, the age group that recorded the highest percentage of emergency or urgent treatment contacts with the service was 16-64 year olds. In the 0-4 age group Hywel Dda had the highest proportion (14.9 per cent) and in the 5-15 age group Aneurin Bevan had the highest proportion (12.4 per cent). Over all age groups, emergency and urgent contacts accounted for the smallest proportion of all contacts in Powys Teaching (2.2 per cent) and the most in Hywel Dda (14.5 per cent).

Table 7: Sedation by age group and CDS, 2013-14

CDS	<i>Number of Contacts</i>				
	0-4	5-15	16-64	65 or over	Total
Betsi Cadwaladr	8	953	1,286	56	2,303
Powys Teaching	4	219	80	1	304
Hywel Dda	0	86	110	0	196
Abertawe Bro Morgannwg	0	91	240	0	331
Aneurin Bevan	0	40	133	0	173
Cardiff and Vale	0	43	36	0	79
Cwm Taf	0	65	53	0	118
Wales	12	1,497	1,938	57	3,504

Source: Welsh Government

Chart 7: Sedation contacts as a percentage of total contacts within each age group by CDS, 2013-14



Source: Welsh Government

Table 7 shows that there were 3,504 contacts (2.1 per cent of total contacts) in the CDS in 2013-14 involving sedation, an increase of 80 (2.3 per cent) compared with the previous year. The proportion of total contacts involving sedation ranged from Betsi Cadwaladr (4.3 per cent) down to Cwm Taf and Cardiff and Vale (0.4 per cent).

Table 8: Selected services by CDS, 2013-14

CDS	Number of Sessions		
	General Anaesthetic	Oral Surgery in support of hospital dental services	Epidemiology
Betsi Cadwaladr	317	0	88
Powys Teaching	0	50	20
Hywel Dda	19	8	51
Abertawe Bro Morgannwg	19	0	50
Aneurin Bevan	20	0	76
Cardiff and Vale	0	0	5
Cwm Taf	144	0	18
Wales	519	58	308

Source: Welsh Government

A session is a period of time generally three to three and a half hours. Table 8 shows information on selected services provided by the CDS; this list of services is not exhaustive. Please note General Anaesthetic services may be undertaken in a hospital setting in some CDSs and therefore not recorded above in Table 8.

Location of Treatment

Table 9: Location of treatment by age group and CDS, 2013-14

CDS	Number of Contacts				
	0-4	5-15	16-64	65 or over	Total
Health centre/clinic					
Betsi Cadwaladr	3,506	23,759	19,071	5,292	51,628
Powys Teaching	810	4,379	2,772	749	8,710
Hywel Dda	1,081	6,843	2,478	487	10,889
Abertawe Bro Morgannwg ^(a)	2,226	9,443	4,474	740	16,883
Aneurin Bevan	2,181	9,135	4,072	901	16,289
Cardiff and Vale	1,230	13,196	3,912	889	19,227
Cwm Taf	1,845	19,794	5,867	1,335	28,841
Wales	12,879	86,549	42,646	10,393	152,467
Mobile surgery					
Betsi Cadwaladr	35	332	0	0	367
Powys Teaching	1	7	2	3	13
Hywel Dda	0	0	0	0	0
Abertawe Bro Morgannwg	70	998	109	18	1,195
Aneurin Bevan	29	780	982	106	1,897
Cardiff and Vale	79	939	176	10	1,204
Cwm Taf	119	1,408	265	15	1,807
Wales	333	4,464	1,534	152	6,483
Domiciliary					
Betsi Cadwaladr	0	0	115	1,304	1,419
Powys Teaching	0	5	18	193	216
Hywel Dda	0	4	31	148	183
Abertawe Bro Morgannwg	2	171	264	137	574
Aneurin Bevan	21	82	547	3,439	4,089
Cardiff and Vale	3	76	252	1,150	1,481
Cwm Taf	4	113	378	1,726	2,221
Wales	30	451	1,605	8,097	10,183

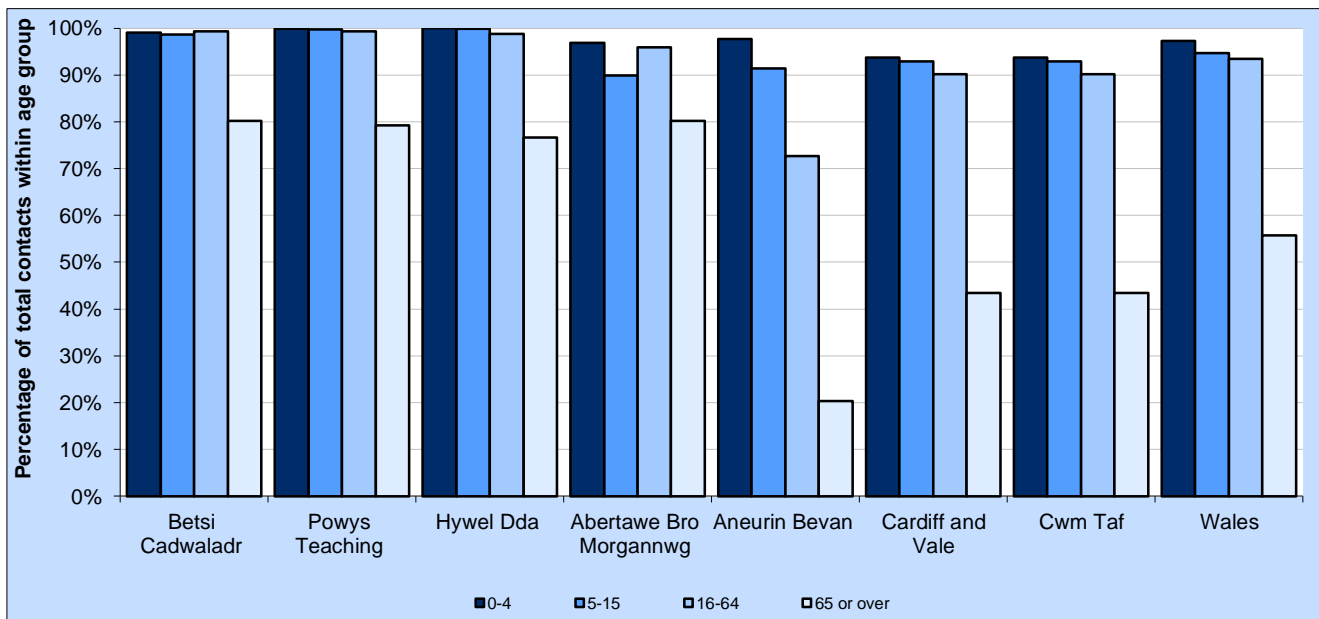
Source: Welsh Government

(a) Total for Health centre/clinic in Abertawe Bro Morgannwg includes 271 day centre contacts where age was not specified.

Table 9 shows how the total contacts are distributed by treatment location for each age group and CDS. In 2013-14 the majority (90.3 per cent) of contacts took place within a health centre/clinic, up from 89.0 per cent in 2012-13. In most age groups the majority were treated in the health centre/clinic; however in the 65 or over age group 55.7 per cent were seen in a health centre/clinic and 43.4 per cent were seen by means of a domiciliary visit. The 5-15 year age group accounted for the highest percentage of total health centre/clinic and mobile surgery contacts, 56.8 per cent and 68.9 per cent respectively. 79.5 per cent of the total domiciliary contacts were with patients aged 65 or over.

Charts 8, 9 and 10 following this, show the number of contacts by CDS, age group and treatment location as a percentage of total contacts in an age group.

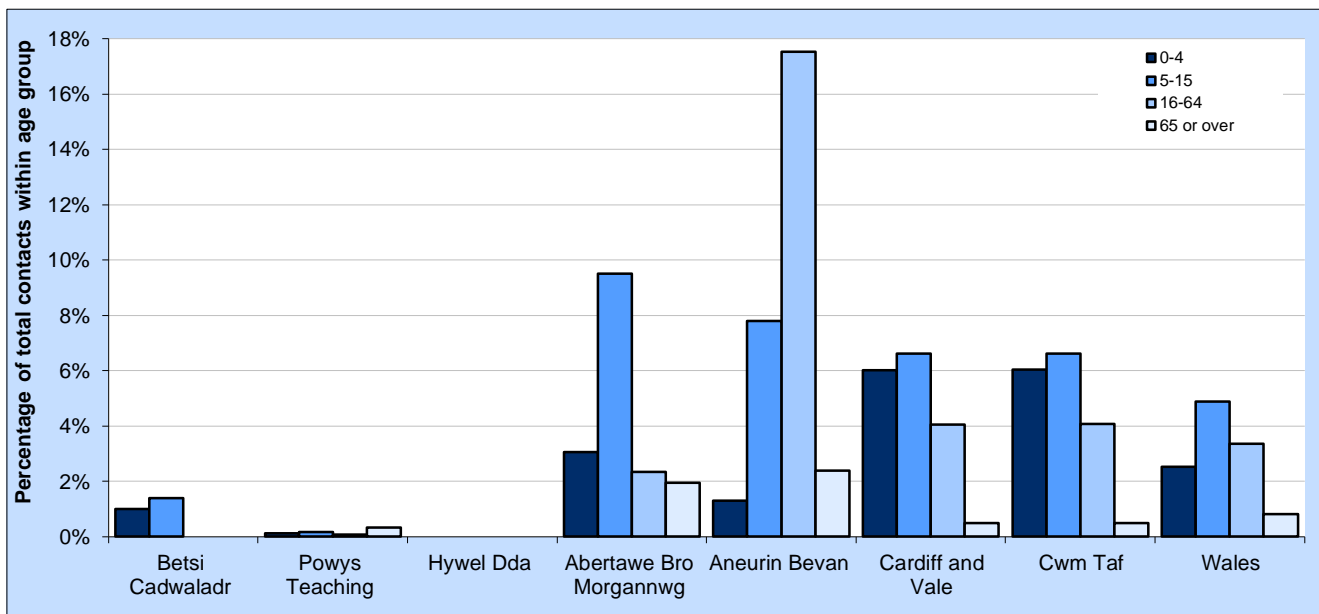
Chart 8: Contacts within a health centre/clinic as a percentage of contacts within each age group by CDS, 2013-14



Source: Welsh Government

Chart 8 shows that for Wales the age group with the highest estimated percentage of its contacts at a health centre/clinic was the 0-4 years group (97.3 per cent) and the lowest estimated was 65 or over (55.7 per cent). Together Betsi Cadwaladr and Cwm Taf accounted for 52.8 per cent (80,469) of the total contacts at a health centre/clinic.

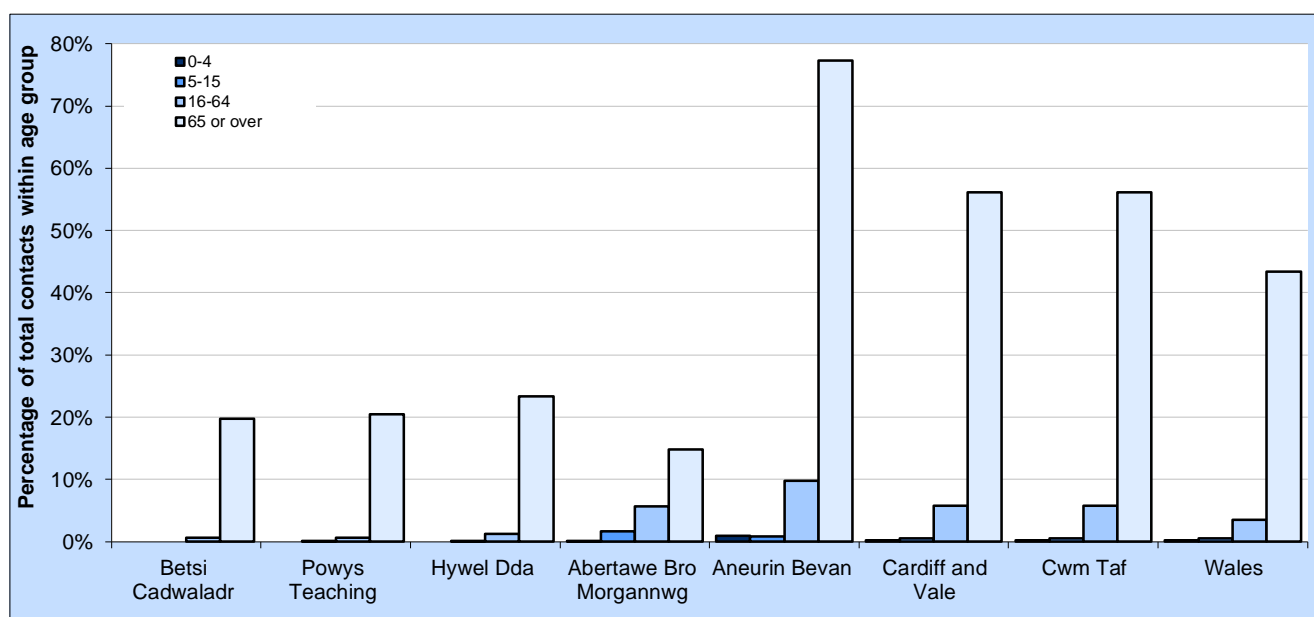
Chart 9: Contacts within a mobile surgery as a percentage of contacts within each age group by CDS, 2013-14



Source: Welsh Government

Chart 9 shows that for Wales the age group with the highest estimated percentage of its contacts within a mobile surgery was 5-15 (4.9 per cent) and the lowest estimated was 65 or over (0.8 per cent). Aneurin Bevan recorded the highest frequency of contacts within a Mobile surgery with 29.3 per cent of all contacts located within mobile surgeries occurring in this CDS.

Chart 10: Domiciliary contacts as a percentage of total contacts within each age group by CDS, 2013-14



Source: Welsh Government

Chart 10 shows that for Wales the age group with the highest percentage of its contacts as domiciliary visits was 65 or over (43.4 per cent). In every CDS the 65 or over age group had the largest proportion of domiciliary contacts. This ranged from 14.8 per cent (Abertawe Bro Morgannwg) to 77.4 per cent (Aneurin Bevan).

Table 10: Patients screened by category and CDS, 2013-14 (a)

Category	Number of Patients							
	Betsi Cadwaladr	Powys Teaching	Hywel Dda	Abertawe Bro Morgannwg	Aneurin Bevan ^(b)	Cardiff and Vale	Cwm Taf	Wales
Routine children's screening	2,783	283	..	0	0	0	0	3,066
Day centre/hospital	0	0	0	87	16	0	0	103
Secure unit/prison	75	0	0	77	0	0	0	152
Adults in residential accommodation	614	0	162	0	897	0	0	1,673
Other	0	0	0	0	0	0	0	0
Total	3,472	283	162	164	913	0	0	4,994

Source: Welsh Government

(a) The table includes routine children's screening and no longer includes figures for "Designed to smile"; this is a change from the 2009-10 release.

(b) Aneurin Bevan has linked their child screening with the Designed to Smile Programme and therefore it is not recorded here

.. Data Item not available

Table 11 shows that there were 4,994 patients screened in 2013-14. Routine children's screening accounted for 61.4 per cent of all screenings.

Key Quality Information

This section displays quality information and definitions. Please see the "[Community Dental Services Statistics Quality Report](#)" for further background on the data.

Notes

The Community Dental Service (CDS) in Wales is made up of; Betsi Cadwaladr; Powys; Hywel Dda; Abertawe Bro Morgannwg; Aneurin Bevan; Cardiff and Vale and Cwm Taf. Up to 2013-14 data for Cwm Taf residents was included in data for Cardiff and Vale CDS.

Source

This Statistical Release draws together data collected annually from each CDS via the annual Community Dental Service Welsh Return (CDSWR) questionnaire.

Definitions

A **contact** is a patient visit, and occurs each time a patient is seen face-to-face by a member of the CDS for the purpose of examination, treatment of, prevention of oral disease (including advice). When a patient receives care at a single attendance from more than one Clinician, each is counted as a separate contact.

A **patient** is the number of individuals seen during the financial year regardless of how often they are seen, how many episodes of care they undergo and how many CDS staff they are seen by.

Emergencies and urgent treatments include patients attending because of toothache, other pain, facial or intra-oral swelling, trauma and bleeding.

Sedation is that administered by a clinician in a CDS surgery excluding any pre-meds.

A **session** is a period of time generally three to three and a half hours.

The **age of patients** is taken as of 01 September.

Chairside Oral Health Promotion includes all contacts where oral health advice was given.

Scale and Polish includes all procedures by which deposits are removed from teeth by registered dental staff.

A **screening** programme is the process of covering a large population, using the simplest possible tests to identify those individuals in need of a full clinical examination in a Dental Surgery. These programmes are carried out to identify individuals who require dental care, including counselling and advice. As the Designed to Smile programme is monitored by the [Welsh Oral Health Information Unit](#) data from Designed to Smile screening is not included in this release.

Note that the community dental service may also undertake activity not covered by this statistical release e.g. Designed to Smile and tooth brushing campaigns for specialist groups.

Users and uses of these statistics

We believe the key users of Community Dental Service in Wales statistics are:

- Ministers and the Members Research Service in the National Assembly for Wales;
- Other areas of the Welsh Government;
- Other government departments;
- National Health Service and Public Health Wales;
- Students, academics and universities;
- British Dental Association and other professional organisations;
- Individual citizens and private companies.

The statistics are used in a variety of ways. Some examples of the uses include:

- Advice to Ministers;
- To inform debate in the National Assembly for Wales and beyond;
- To monitor and evaluate performance and activity in the NHS.

National Statistics

The United Kingdom Statistics Authority has designated these statistics as National Statistics, in accordance with the Statistics and Registration Service Act 2007 and signifying compliance with the Code of Practice for Official Statistics.

Designation can be broadly interpreted to mean that the statistics:

- meet identified user needs;
- are well explained and readily accessible;
- are produced according to sound methods, and
- are managed impartially and objectively in the public interest.

Once statistics have been designated as National Statistics it is a statutory requirement that the Code of Practice shall continue to be observed.

We welcome comments from users of our publications on content and presentation. If you have any comments or require further information, please contact:

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Further copies of this statistical release are available from the address above.



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