janet

Wales Service Report

July 2018

Jisc

Service Reliability

The SLA sets a target minimum of 99.7% availability for each service averaged over a 12 month rolling period

Average Availability

Connections in Wales by Contractual Bandwidth

Legend: >1Gbit/s, ≤1Gbit/s, ≤100Mbit/s, ≤10Mbit/s, Dark Fibre

	Average Availability of All Services in Wales			Average Availability of All Services in Janet		
	Jul 2018	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service	Jul 2018	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service

Jul 2018	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service	Jul 2018	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service
>99.99%	0	99.99%	58	>99.99%	1	99.98%	82

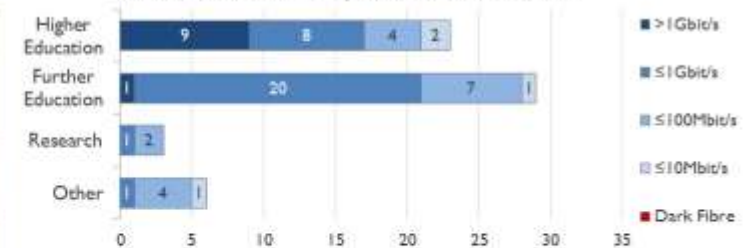| Mean Time to Repair	Average Faults per Service per Year	Mean Time to Repair	Average Faults per Service per Year
4h 56m	0.15	4h 50m	0.34
Based on 30 faults over the last 24 months		Based on 787 faults over the last 24 months	

NB: Periods of scheduled and emergency maintenance are not included in reliability performance statistics

Wales Service Outages - Last 12 Months

Legend: Services with no outage, Services with outage, Services failing SLA

Connection Usage

Traffic usage is expressed as the sum, in megabits per second, of 90th percentile readings taken during the month, in whichever direction is the greater, for all links being charted

All Traffic - Wales

Last 12 months   Previous 12 months   Percentages show year on year comparison

+39% +31% +36% +29% +41% +16% +18% +15% +52% +10% +17% +9%

% Utilisation of Available Contractual Bandwidth at 90th Percentile

Legend: >75%, 50-75%, 25-50%, 0-25%

Wales Traffic Against Janet Traffic

Wales Traffic   Janet Traffic   % of Janet Traffic from Wales
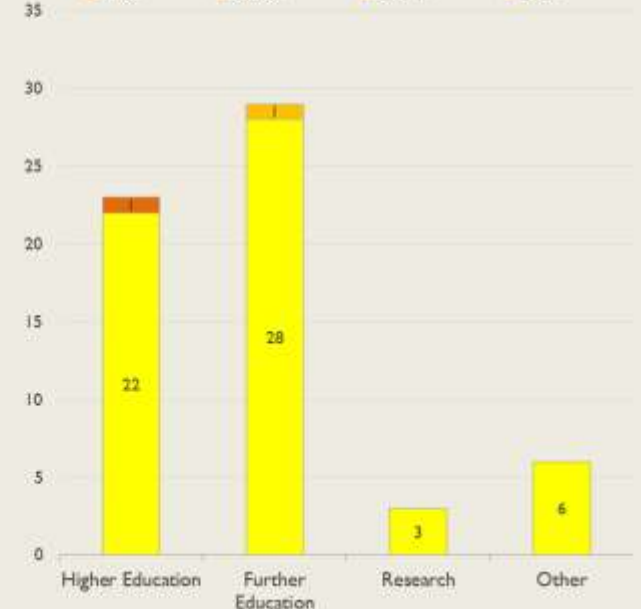
Service Availability

The SLA target sets a minimum of 99.7% availability for each customer, averaged over a 12 month rolling period

Periods of scheduled and emergency maintenance are discounted when calculating availability of services

Monthly and annual availabilities falling below 99.7% are highlighted

* Service has resilience - where an organisation retains connectivity during an outage period by means of a second connection, the outage is not counted against its availability figures

Service	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	12 Month Rolling Availability
Aberystwyth University, Llandinam Building	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	**98.02%**	100%	**99.84%**
Aberystwyth University, Visualisation Centre	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	**98.02%**	100%	**99.84%**
Addysg Oedolion Cymru / Adult Learning Wales, Coleg Harlech Workers' Educational Association	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Addysg Oedolion Cymru / Adult Learning Wales, Conwy and Denbighshire	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Addysg Oedolion Cymru / Adult Learning Wales, Head Office	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Addysg Oedolion Cymru / Adult Learning Wales, Powys	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Bangor University, Archimedes Centre	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Bangor University, Deiniol Road	99.94%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	>99.99%
Bridgend College, Bridgend Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Bridgend College, Cardiff Arts Academy	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Bridgend College, Maesteg Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Bridgend College, Pencoed Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Bridgend College, Queens Road Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cardiff Metropolitan University, Cyncoed Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cardiff Metropolitan University, Llandaff Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cardiff University, Cathays Park	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cardiff University, COMSC	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cardiff University, St Davids Hall	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cardiff University, Trevithick Building	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Cambria, Deeside [1]	99.94%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	>99.99%
Coleg Cambria, Deeside [2]	99.94%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	>99.99%
Coleg Cambria, Llysfasi	99.94%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	>99.99%

Service	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	12 Month Rolling Availability
Coleg Cambria, Northop	99.94%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	>99.99%
Coleg Cambria, Yale	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Elidyr	100%	100%	100%	100%	100%	99.72%	100%	99.68%	100%	100%	100%	100%	99.95%
Coleg Gwent, Blaenau Gwent Learning Zone	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Gwent, City of Newport Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Gwent, Crosskeys Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Gwent, Link 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Gwent, Usk	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Sir Gar *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100% *
Coleg Sir Gar, Aberystwyth Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Sir Gar, Ammanford Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Sir Gar, Cardigan Campus	99.46%	100%	100%	100%	100%	100%	100%	93.42%	100%	100%	100%	100%	99.41%
Coleg Sir Gar, Gelli Aur Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Y Cymoedd, Nantgarw Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Y Cymoedd, Rhondda Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Y Cymoedd, Ystrad Mynach Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Glyndwr University, Hawarden Business Park	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Glyndwr University, St Asaph *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Glyndwr University, Wrexham, Computer Centre	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Glyndwr University, Wrexham, Edward Llwyd Building	99.94%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	>99.99%
Gower College Swansea, Gorseinon Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Gower College Swansea, Tycoch Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Grwp Llandrillo Menai, Coleg Llandrillo	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Grwp Llandrillo Menai, Coleg Menai	99.94%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	>99.99%
Grwp Llandrillo Menai, Rhos on Sea	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Higher Education Funding Council for Wales	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
High Performance Computing Wales, Deiniol Road	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
High Performance Computing Wales, Dylan Thomas Centre	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
High Performance Computing Wales, Dylan Thomas Centre - Singleton Park	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Service	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	12 Month Rolling Availability
High Performance Computing Wales, Park Place	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
High Performance Computing Wales, Singleton Park	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Merthyr Tydfil College Limited	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Merthyr Tydfil College Limited, Bio Mass Boiler Building	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Merthyr Tydfil College Limited, Redhouse	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Mudiad Meithrin Cyf, Head Office	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
National Learning and Work Institute, Dysgu Cymru, Cardiff	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
National Library of Wales	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Natural Environment Research Council, British Geological Survey, Cardiff	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Natural Environment Research Council, CEH, Bangor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Natural Environment Research Council, CEH, Climate Change Solardome Facility	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Neath Port Talbot College, Brecon Beacons Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Neath Port Talbot College, Llandrindod Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Neath Port Talbot College, Neath Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Neath Port Talbot College, Newtown Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Pembrokeshire College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	**99.96%**	**>99.99%**
Pembrokeshire College, MITEC	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Royal Welsh College of Music and Drama	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
St David's Catholic College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Swansea University, Baglan Technium	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Swansea University, Bay Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Swansea University, College of Human and Health Sciences	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Swansea University, Library and Information centre	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Swansea University, TWI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Cardiff and Vale College, Barry Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Cardiff and Vale College, Canal Parade		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	<12 Months
The Cardiff and Vale College, Cardiff International Sports Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Cardiff and Vale College, CCTC	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Service	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	12 Month Rolling Availability
The Cardiff and Vale College, Central Services Centre (Coopers Yard)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Cardiff and Vale College, City Centre Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Cardiff and Vale College, Clos Parc Morgannwg	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Cardiff and Vale College, Dumballs Road 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Cardiff and Vale College, ICAT	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Cardiff and Vale College, The Friary	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Cardiff and Vale College, The Parade	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Open University, Cardiff	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of South Wales, Caerleon Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of South Wales, Cardiff Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of South Wales, Newport City Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of South Wales, Treforest Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Wales Prifysgol Cymru	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Wales Trinity Saint David, Carmarthen Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Wales Trinity Saint David, Lampeter Campus	100%	100%	100%	100%	100%	100%	**98.88%**	100%	100%	100%	100%	100%	**99.91%**
University of Wales Trinity Saint David, Swansea Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Y Coleg Cymraeg Cenedlaethol, Cardiff Office	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Y Coleg Cymraeg Cenedlaethol, Head Office	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Connection outages for current month

Maintenance outages are included in this table - only unscheduled maintenance is counted against availability.

Some of the outages reported below are on circuits which are not connected through the selected region - they appear in the table because they are part of a service whose primary connection does belong to this region.

Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
Cardiff University, Cathays Park	26/07/2018 20:14	26/07/2018 22:51	00:00	02:37	Telco Emergency Maintenance	Emergency fibre maintenance
Coleg Cambria, Llysfasi	11/07/2018 22:19	11/07/2018 22:34	00:00	00:15	Telco Scheduled Maintenance	MAINTENANCE - Coleg Cambria, Llysfasi
Coleg Cambria, Llysfasi	28/07/2018 01:00	28/07/2018 05:44	04:44	00:00	Telco Equipment	Faulty Telco equipment
Coleg Sir Gar, Pibwrlwyd Campus	10/07/2018 11:24	10/07/2018 21:09	00:00	09:45	Customer Unscheduled Maintenance	Site equipment maintenance
Pembrokeshire College	06/07/2018 08:23	06/07/2018 10:51	02:10	00:18	Telco Equipment	PSBA UPS fault at exchange
Pembrokeshire College	16/07/2018 22:19	16/07/2018 22:33	00:00	00:14	Unknown reason for outage	Unknown
Pembrokeshire College	17/07/2018 13:58	17/07/2018 16:37	00:00	02:39	Telco Emergency Maintenance	Telco emergency maintenance
Coleg Y Cymoedd, Ystrad Mynach Campus	24/07/2018 22:10	25/07/2018 01:39	00:00	03:29	Telco Scheduled Maintenance	Telco planned maintenance

Link Utilisation of Contractual Bandwidth

The table shows utilisation at the 90th percentile, i.e. for 90% of the samples within the period the traffic was at or below the level shown and for 10% of the samples traffic was above the level shown. The figure therefore gives a reasonable indication of the loading of the connection during the busiest periods. The measurements are shown as a percentage of the available contractual bandwidth, and only the highest of the to/from readings for the month is used.

Connection	Current Bandwidth	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18
Aberystwyth University, Llandinam Building	3Gbit/s	10%	32%	47%	51%	47%	50%	53%	49%	47%	49%	21%	10%
Aberystwyth University, Visualisation Centre	3Gbit/s	5%	28%	42%	43%	39%	43%	45%	45%	42%	44%	18%	6%
Addysg Oedolion Cymru / Adult Learning Wales, Coleg Harlech Workers' Educational Association	100Mbit/s	1%	2%	4%	2%	<0.5%	1%	1%	<0.5%	<0.5%	1%	<0.5%	<0.5%
Addysg Oedolion Cymru / Adult Learning Wales, Head Office	1Gbit/s	97%	10%	10%	10%	10%	1%	1%	1%	1%	1%	1%	1%
Bangor University, Deiniol Road	10Gbit/s	10%	44%	55%	56%	53%	53%	56%	56%	54%	56%	8%	5%
Bridgend College, Bridgend Campus	1Gbit/s	2%	13%	20%	25%	19%	24%	25%	26%	17%	24%	20%	3%
Cardiff Metropolitan University, Cyncoed Campus	2Gbit/s	10%	52%	67%	76%	67%	74%	40%	39%	34%	34%	11%	5%
Cardiff Metropolitan University, Llandaff Campus	2Gbit/s	6%	7%	18%	20%	11%	10%	18%	15%	12%	12%	8%	7%
Cardiff University, Cathays Park	10Gbit/s	13%	14%	22%	24%	17%	19%	23%	25%	20%	23%	15%	15%
Cardiff University, St Davids Hall	10Mbit/s						<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Cardiff University, Trevithick Building	10Gbit/s	7%	20%	33%	35%	31%	33%	38%	34%	31%	33%	18%	8%
Coleg Cambria, Deeside [1]	1Gbit/s	6%	26%	33%	39%	32%	11%	11%	11%	11%	11%	13%	13%
Coleg Cambria, Llysfasi	1Gbit/s	1%	3%	3%	4%	3%	4%	3%	3%	5%	5%	3%	1%
Coleg Cambria, Northop	1Gbit/s	<0.5%	2%	3%	3%	2%	2%	1%	1%	1%	1%	1%	<0.5%
Coleg Cambria, Yale	2Gbit/s	2%	30%	36%	39%	27%	38%	37%	19%	19%	17%	10%	2%
Coleg Elidyr	100Mbit/s	11%	18%	17%	18%	15%	25%	27%	22%	18%	23%	25%	23%
Coleg Gwent, Blaenau Gwent Learning Zone, Link 1	1Gbit/s	5%	34%	48%	48%	38%	46%	48%	43%	31%	45%	31%	6%
Coleg Sir Gar, Aberystwyth Campus	100Mbit/s	4%	19%	24%	21%	17%	20%	25%	40%	33%	47%	46%	7%
Coleg Sir Gar, Cardigan Campus	100Mbit/s	3%	29%	42%	51%	39%	46%	43%	33%	18%	28%	25%	5%
Coleg Sir Gar, Graig Campus	100Mbit/s	31%	248%	313%	322%	304%	301%	314%	327%	247%	278%	225%	38%
Coleg Sir Gar, Pibwrlwyd Campus	1Gbit/s	3%	13%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Coleg Y Cymoedd, Nantgarw Campus	1Gbit/s	16%	163%	244%	26%	19%	26%	24%	26%	16%	23%	18%	3%
Coleg Y Cymoedd, Ystrad Mynach Campus	1Gbit/s	1%	8%	11%	11%	8%	11%	10%	10%	7%	10%	9%	2%
Glyndwr University, St Asaph	1Gbit/s						16%	2%	1%	2%	2%	3%	4%
Glyndwr University, St Asaph	1Gbit/s						16%	2%	1%	2%	2%	3%	4%

Connection	Current Bandwidth	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18
Glyndwr University, Wrexham, Computer Centre	1Gbit/s	16%	11%	22%	23%	18%	21%	22%	22%	26%	22%	10%	9%
Glyndwr University, Wrexham, Edward Llwyd Building	1Gbit/s	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Gower College Swansea, Gorseinon Campus	1Gbit/s	<0.5%	7%	10%	10%	4%	9%	9%	9%	4%	8%	5%	1%
Gower College Swansea, Tycoch Campus	1Gbit/s	2%	11%	16%	17%	9%	18%	19%	21%	10%	18%	13%	3%
Grwp Llandrillo Menai, Coleg Llandrillo	1Gbit/s	5%	24%	30%	32%	30%	44%	42%	40%	41%	39%	18%	6%
Grwp Llandrillo Menai, Coleg Menai	1Gbit/s	2%	26%	27%	27%	24%	20%	18%	19%	21%	19%	10%	2%
Grwp Llandrillo Menai, Rhos on Sea	1Gbit/s						45%	42%	40%	41%	39%	18%	6%
Higher Education Funding Council for Wales	100Mbit/s						2%	2%	2%	2%	3%	2%	2%
Merthyr Tydfil College Limited	300Mbit/s	8%	35%	42%	44%	26%	38%	39%	41%	27%	34%	19%	6%
Merthyr Tydfil College Limited, Bio Mass Boiler Building	10Mbit/s				<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Mudiad Meithrin Cyf, Head Office	10Mbit/s	2%	4%	5%	5%	5%	4%	4%	4%	4%	3%	2%	2%
National Learning and Work Institute, Dysgu Cymru, Cardiff	100Mbit/s	1%	2%	1%	1%	1%	3%	1%	<0.5%	<0.5%	<0.5%	1%	<0.5%
National Library of Wales	1Gbit/s												2%
Natural Environment Research Council, British Geological Survey, Cardiff	100Mbit/s	1%	1%	1%	1%	<0.5%	1%	1%	1%	1%	1%	1%	1%
Natural Environment Research Council, CEH, Bangor	1Gbit/s	<0.5%	1%	1%	1%	<0.5%	1%	<0.5%	1%	1%	1%	1%	1%
Natural Environment Research Council, CEH, Climate Change Solardome Facility	100Mbit/s	1%	<0.5%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Neath Port Talbot College, Neath Campus	1Gbit/s	9%	13%	17%	18%	15%	18%	18%	19%	13%	17%	13%	3%
Neath Port Talbot College, Newtown Campus	1Gbit/s	1%	5%	7%	7%	5%	7%	7%	5%	7%	7%	7%	1%
Pembrokeshire College	1Gbit/s	2%	15%	20%	21%	20%	19%	20%	21%	15%	19%	15%	3%
Pembrokeshire College, MITEC	100Mbit/s	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Royal Welsh College of Music and Drama	100Mbit/s	15%	31%	41%	57%	25%	45%	45%	43%	24%	53%	40%	21%
St David's Catholic College	1Gbit/s	1%	11%	13%	14%	13%	14%	14%	13%	11%	13%	7%	1%
Swansea University, Baglan Technium	100Mbit/s	16%	15%	24%	26%	22%	36%	45%	47%	63%	66%	25%	20%
Swansea University, College of Human and Health Sciences	10Mbit/s	64%	116%	256%	265%	213%	298%	287%	283%	248%	264%	177%	141%
Swansea University, Library and Information centre	10Gbit/s	42%	19%	28%	28%	23%	24%	31%	25%	23%	26%	20%	11%
The Cardiff and Vale College, Barry Campus	100Mbit/s	17%	89%	111%	122%	72%	134%	120%	120%	65%	90%	63%	23%
The Cardiff and Vale College, City Centre Campus	1Gbit/s	6%	12%	12%	10%	7%	28%	27%	26%	16%	21%	12%	5%
The Open University, Cardiff	100Mbit/s	18%	20%	20%	22%	21%	26%	28%	25%	23%	25%	23%	20%
University of South Wales, Newport City Campus	1Gbit/s	13%	24%	14%	12%	11%	9%	6%	6%	5%	4%	4%	3%

Connection	Current Bandwidth	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18
University of South Wales, Treforest Campus	5Gbit/s	205%	318%	652%	658%	393%	543%	604%	11%	9%	7%	5%	5%
University of Wales Prifysgol Cymru	100Mbit/s	3%	3%	3%	3%	2%	3%	3%	4%	3%	3%	8%	4%
University of Wales Trinity Saint David, Carmarthen Campus	500Mbit/s	45%	161%	271%	267%	227%	232%	270%	54%	42%	46%	23%	16%
University of Wales Trinity Saint David, Lampeter Campus	500Mbit/s	32%	122%	210%	207%	194%	206%	220%	45%	37%	44%	20%	15%
University of Wales Trinity Saint David, Swansea Campus	500Mbit/s	23%	59%	100%	108%	88%	95%	106%	63%	50%	54%	31%	23%
Y Coleg Cymraeg Cenedlaethol, Cardiff Office	100Mbit/s	<0.5%	<0.5%	<0.5%	1%	<0.5%	1%	1%	<0.5%	1%	1%	1%	1%
Y Coleg Cymraeg Cenedlaethol, Head Office	100Mbit/s	2%	2%	2%	4%	4%	6%	5%	2%	5%	6%	6%	7%