



## Wales Service Report

July 2015

## Service Reliability

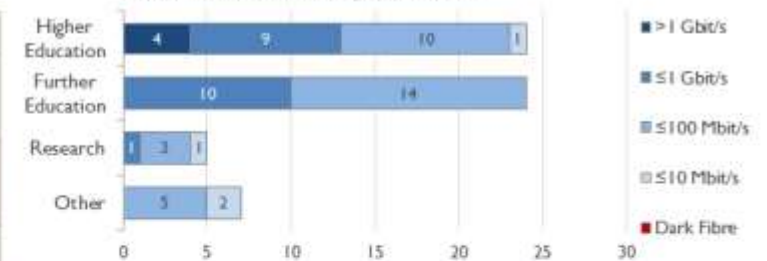
The SLA sets a target minimum of 99.7% availability for each service averaged over a 12 month rolling period



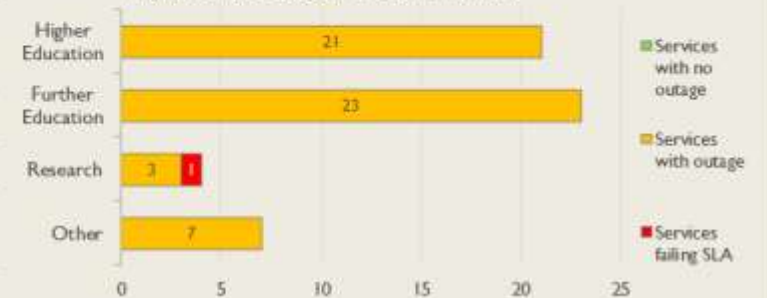
Average Availability of All Services in Wales				Average Availability of All Services in Janet			
Jul 2015	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service	Jul 2015	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service
99.97%	14	99.97%	149	99.97%	12	99.95%	245
Mean Time to Repair		Average Faults per Service per Year		Mean Time to Repair		Average Faults per Service per Year	
2h 27m		0.79		5h 20m		0.68	
Based on 92 faults over the last 24 months				Based on 1399 faults over the last 24 months			

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

## Connections in Wales by Bandwidth



## Wales Service Outages - Last 12 Months

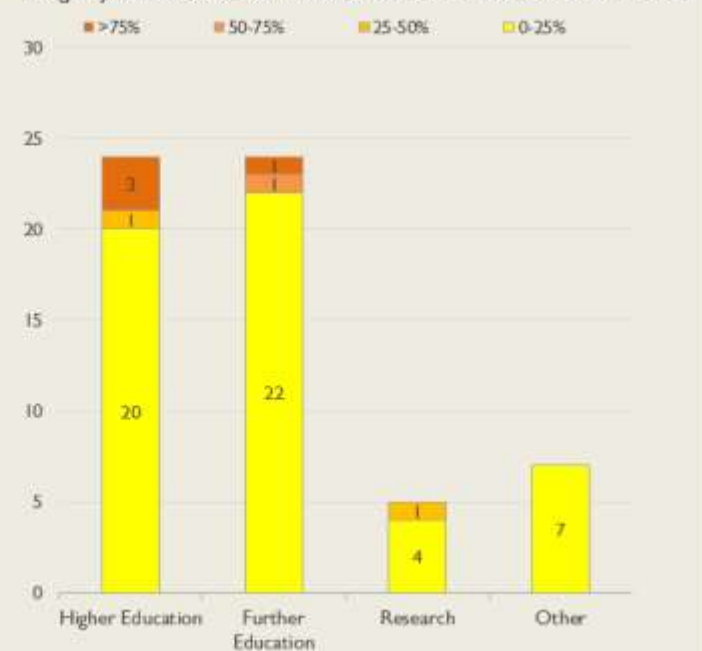


## Connection Usage

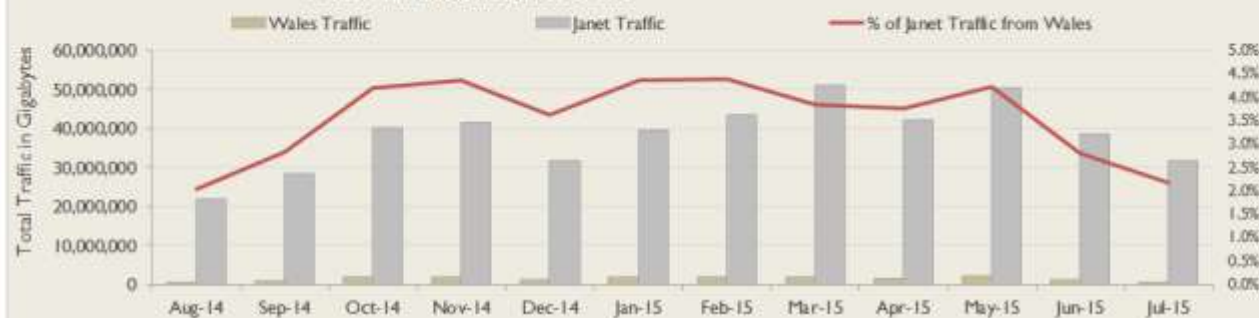
Traffic usage is expressed as the sum, in gigabytes, of the volume of data carried in both directions in the month, for all links being charted



## Usage by Connection - % of Available Bandwidth at 90th Percentile



## Wales Traffic Against Janet Traffic



## 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 14	Sep 14	Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	12 Month Rolling Availability
Aberystwyth University, Visualisation Centre	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Aberystwyth University, Llandinam Building	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Bangor University, Deiniol Road	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Bridgend College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Cardiff Metropolitan University, Cyncoed Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Cardiff Metropolitan University, Llandaff Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.94%	>99.99%
Cardiff University, Trevithick Building	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Cardiff University, Cathays Park	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Coleg Cambria, Yale	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.93%	99.97%	>99.99%
Coleg Cambria, Deeside	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Coleg Cambria, Northop	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.93%	99.97%	>99.99%
Coleg Cambria, Llysfas	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.93%	99.97%	>99.99%
Coleg Ceredigion, Aberystwyth Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Coleg Ceredigion, Cardigan Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Coleg Elidyr	100%	100%	100%	100%	100%	100%	100%	100%	99.64%	100%	100%	99.97%	99.97%
Coleg Gwent, Usk	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Coleg Gwent, Blaenau Gwent Learning Zone	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Coleg Sir Gar*	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Coleg Y Cymoedd, Ystrad Mynach Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Coleg Y Cymoedd, Nantgarw Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Glyndwr University, Wrexham, Computer Centre	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.93%	99.97%	>99.99%
Glyndwr University, Wrexham, Edward Llwyd Building							100%	100%	100%	100%	100%	99.97%	<12 Months
Gower College Swansea, Gorseinon Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Gower College Swansea, Tycoch Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%

Service	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	12 Month Rolling Availability
Grwp Llandrillo-Menai, Coleg Llandrillo	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Grwp Llandrillo-Menai, Coleg Menai	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
High Performance Computing Wales	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Higher Education Funding Council for Wales	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Medical Research Council, Bridgend Data Centre*	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Merthyr Tydfil College Limited	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Mudiad Meithrin Cyf, Aberystwyth	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
National Institute of Adult Continuing Education, Dysgu Cymru, Cardiff	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Natural Environment Research Council, British Geological Survey, Cardiff	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.60%	99.97%	99.96%
Natural Environment Research Council, CEH, Climate Change Solardome Facility	100%	100%	100%	100%	100%	100%	100%	100%	85.84%	100%	99.86%	99.97%	98.81%
Natural Environment Research Council, CEH, Bangor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Neath Port Talbot College, Newtown Campus	100%	100%	100%	100%	100%	100%	100%	100%	98.87%	100%	100%	99.97%	99.90%
Neath Port Talbot College, Neath Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Pembrokeshire College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Royal Mencap Society, Mencap National College - Pengwern	100%	100%	100%	100%	100%	100%	100%	99.01%	100%	100%	100%	99.97%	99.91%
Royal Welsh College of Music and Drama	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
St David's Catholic College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Swansea University, Library and Information centre	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Swansea University, College of Human and Health Sciences	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
The Cardiff and Vale College, Colcot Road	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
The Cardiff and Vale College, Trowbridge	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
The Open University, Cardiff										100%	100%	99.97%	<12 Months
University of South Wales, Caerleon Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
University of South Wales, Treforest Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
University of South Wales, Cardiff Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
University of South Wales, Newport City Campus		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	<12 Months
University of Wales	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
University of Wales Trinity Saint David, Swansea Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%

Service	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	12 Month Rolling Availability
University of Wales Trinity Saint David, Lampeter Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
University of Wales Trinity Saint David, Carmarthen Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
WEA Cymru, Coleg Harlech Workers' Educational Association	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Workers' Educational Association Wales, Coopers Yard	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Y Coleg Cymraeg Cenedlaethol, Head Office	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%
Y Coleg Cymraeg Cenedlaethol, Cardiff Office	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%	>99.99%

## 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 Metropolitan University, Llandaff Campus	04/07/2015 09:32	04/07/2015 10:23	00:00	00:51	Customer Environment	Local area power outage
Cardiff Metropolitan University, Llandaff Campus	08/07/2015 00:02	08/07/2015 00:16	00:00	00:14	Regional Unscheduled Maintenance	RNO unscheduled maintenance
Aberystwyth University, Llandinam Building	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Aberystwyth University, Visualisation Centre	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Bangor University, Deiniol Road	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Bridgend College	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Cardiff Metropolitan University, Cyncoed Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Cardiff Metropolitan University, Llandaff Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Cardiff University, Cathays Park	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Cardiff University, Trevithick Building	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Coleg Cambria, Deeside	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance

Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
Coleg Cambria, Llysfasi	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Coleg Cambria, Northop	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Coleg Cambria, Yale	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Coleg Ceredigion, Aberystwyth Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Coleg Ceredigion, Cardigan Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Coleg Elidyr	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Coleg Gwent, Blaenau Gwent Learning Zone	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Coleg Gwent, Usk	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Coleg Sir Gar, Graig Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Coleg Sir Gar, Pibwrlwyd Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Coleg Y Cymoedd, Nantgarw Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Coleg Y Cymoedd, Ystrad Mynach Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance



Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
Glyndwr University, Wrexham, Computer Centre	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Glyndwr University, Wrexham, Edward Llwyd Building	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Gower College Swansea, Gorseinon Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Gower College Swansea, Tycnoch Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Grwp Llandrillo-Menai, Coleg Llandrillo	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Grwp Llandrillo-Menai, Coleg Menai	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
High Performance Computing Wales	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Higher Education Funding Council for Wales	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Medical Research Council, Bridgend Data Centre, Cardiff University	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Medical Research Council, Bridgend Data Centre, Udata Local Exchange	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Merthyr Tydfil College Limited	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Mudiad Meithrin Cyf, Aberystwyth	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance



Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
National Institute of Adult Continuing Education, Dysgu Cymru, Cardiff	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Natural Environment Research Council, British Geological Survey, Cardiff	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Natural Environment Research Council, CEH, Bangor	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Natural Environment Research Council, CEH, Climate Change Solardome Facility	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Neath Port Talbot College, Neath Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Neath Port Talbot College, Newtown Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Pembrokeshire College	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Royal Mencap Society, Mencap National College - Pengwern	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Royal Welsh College of Music and Drama	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
St David's Catholic College	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Swansea University, College of Human and Health Sciences	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Swansea University, Library and Information centre	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance

Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
The Cardiff and Vale College, Colcot Road	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
The Cardiff and Vale College, Trowbridge	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
The Open University, Cardiff	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
University of South Wales, Caerleon Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
University of South Wales, Cardiff Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
University of South Wales, Newport City Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
University of South Wales, Treforest Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
University of Wales	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
University of Wales Trinity Saint David, Carmarthen Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
University of Wales Trinity Saint David, Lampeter Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
University of Wales Trinity Saint David, Swansea Campus	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
WEA Cymru, Coleg Harlech Workers' Educational Association	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance

Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
Workers' Educational Association Wales, Coopers Yard	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Y Coleg Cymraeg Cenedlaethol, Cardiff Office	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Y Coleg Cymraeg Cenedlaethol, Head Office	16/07/2015 00:06	16/07/2015 00:20	00:00	00:14	Telco Unscheduled Maintenance	All connections within PSBA customer off by second unscheduled maintenance
Cardiff Metropolitan University, Cyncoed Campus	18/07/2015 10:15	18/07/2015 12:40	00:00	02:25	Customer Other	Site shut down link to force traffic via alternative route
Workers' Educational Association Wales, Coopers Yard	21/07/2015 16:57	22/07/2015 09:20	00:00	16:23	Customer Environment	Power outage at site
Workers' Educational Association Wales, Coopers Yard	24/07/2015 17:03	24/07/2015 17:32	00:00	00:29	Customer Unscheduled Maintenance	Unscheduled customer maintenance
Aberystwyth University, Llandinam Building	25/07/2015 08:31	25/07/2015 08:56	00:00	00:25	Regional Scheduled Maintenance	RNO scheduled maintenance
Coleg Y Cymoedd, Ystrad Mynach Campus	25/07/2015 07:17	25/07/2015 10:54	00:00	03:37	Customer Unscheduled Maintenance	Customer unscheduled power maintenance
Coleg Y Cymoedd, Nantgarw Campus	25/07/2015 08:27	27/07/2015 08:45	00:00	48:18	Customer Environment	Local area power outage

## Link Utilisation

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 raw bandwidth, and only the highest of the to/from readings for the month is used.

Some of the connections reported below 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	Current Bandwidth	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
Aberystwyth University, Llandinam Building	100Mbit/s	121%	455%	621%	660%	605%	644%	708%	711%	693%	712%	247%	178%
Aberystwyth University, Visualisation Centre	1Gbit/s	9%	44%	60%	65%	58%	66%	75%	70%	74%	76%	27%	11%
Bangor University, Deiniol Road	2Gbit/s	10%	32%	47%	50%	48%	53%	63%	54%	60%	57%	25%	13%
Bridgend College	1Gbit/s	1%	5%	7%	7%	3%	7%	7%	8%	7%	6%	7%	1%
Cardiff Metropolitan University, Cyncoed Campus	1Gbit/s	2%	12%	22%	29%	28%	27%	38%	37%	19%	31%	13%	6%
Cardiff Metropolitan University, Llandaff Campus	1Gbit/s	24%	38%	16%	62%	51%	12%	20%	21%	13%	15%	9%	9%
Cardiff University, Cathays Park	10Gbit/s	18%	20%	28%	33%	50%	27%	32%	34%	33%	34%	8%	8%
Cardiff University, Trevithick Building	10Gbit/s	9%	32%	51%	58%	34%	60%	68%	67%	58%	66%	11%	4%
Coleg Cambria, Deeside	1Gbit/s	2%	12%	14%	16%	15%	18%	18%	20%	18%	17%	17%	3%
Coleg Cambria, Llysfas	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%
Coleg Cambria, Northop	100Mbit/s	3%	20%	23%	25%	21%	29%	29%	36%	30%	36%	33%	6%
Coleg Cambria, Yale	1Gbit/s	1%	12%	15%	17%	15%	18%	19%	21%	18%	18%	17%	2%
Coleg Ceredigion, Aberystwyth Campus	100Mbit/s	2%	16%	51%	58%	24%	29%	25%	22%	80%	61%	75%	74%
Coleg Ceredigion, Cardigan Campus	100Mbit/s	1%	9%	17%	90%	17%	22%	20%	21%	86%	83%	83%	82%
Coleg Elidyr	100Mbit/s	5%	9%	8%	9%	8%	7%	10%	10%	9%	10%	12%	11%
Coleg Gwent, Blaenau Gwent Learning Zone	1Gbit/s	3%	19%	24%	28%	23%	30%	31%	34%	31%	29%	23%	3%
Coleg Gwent, Usk	200Mbit/s												
Coleg Sir Gar, Graig Campus	100Mbit/s	24%	60%	71%	74%	72%	82%	74%	85%	80%	78%	71%	22%
Coleg Sir Gar, Pibwrlwyd Campus	100Mbit/s	2%	14%	9%	10%	8%	8%	8%	11%	10%	10%	8%	12%
Coleg Y Cymoedd, Nantgarw Campus	100Mbit/s	6%	56%	74%	98%	72%	99%	97%	108%	90%	87%	86%	16%
Coleg Y Cymoedd, Ystrad Mynach Campus	1Gbit/s	<0.5%	3%	4%	6%	4%	6%	5%	7%	5%	6%	7%	1%
Glyndwr University, Wrexham, Computer Centre	1Gbit/s	79%	173%	271%	282%	252%	269%	275%	268%	268%	222%	10%	12%
Glyndwr University, Wrexham, Edward Llwyd Building	1Gbit/s							<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Gower College Swansea, Gorseinon Campus	100Mbit/s	1%	25%	35%	41%	29%	41%	42%	45%	36%	34%	36%	3%
Gower College Swansea, Tycoch Campus	100Mbit/s	6%	36%	53%	68%	44%	78%	69%	66%	60%	55%	54%	11%

Connection	Current Bandwidth	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
Grwp Llandrillo-Menai, Coleg Llandrillo	1Gbit/s	3%	15%	21%	23%	21%	25%	24%	26%	24%	25%	21%	5%
Grwp Llandrillo-Menai, Coleg Menai	1Gbit/s	<0.5%	3%	3%	4%	3%	5%	5%	6%	6%	5%	4%	1%
High Performance Computing Wales	1Gbit/s	1%	2%	2%	3%	24%	4%	15%	14%	7%	6%	1%	<0.5%
Higher Education Funding Council for Wales	100Mbit/s	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Medical Research Council, Bridgend Data Centre, Cardiff University	100Mbit/s	1%	1%	1%	1%	1%	1%	2%	2%	3%	3%	2%	4%
Medical Research Council, Bridgend Data Centre, Udata Local Exchange	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%
Merthyr Tydfil College Limited	100Mbit/s	4%	30%	36%	47%	37%	47%	50%	56%	51%	41%	38%	10%
Mudiad Meithrin Cyf, Aberystwyth	10Mbit/s	6%	8%	9%	15%	6%	11%	14%	11%	14%	6%	7%	13%
National Institute of Adult Continuing Education, Dysgu Cymru, Cardiff	100Mbit/s	6%	6%	16%	10%	13%	20%	19%	13%	16%	3%	2%	3%
Natural Environment Research Council, British Geological Survey, Cardiff	100Mbit/s	<0.5%	<0.5%	<0.5%	1%	<0.5%	1%	1%	1%	1%	1%	1%	1%
Natural Environment Research Council, CEH, Bangor	1Gbit/s	27%	30%	30%	31%	30%	30%	31%	32%	32%	35%	40%	33%
Natural Environment Research Council, CEH, Climate Change Solardome Facility	2Mbit/s	1%	1%	1%	1%	1%	2%	2%	11%	13%	12%	13%	13%
Neath Port Talbot College, Neath Campus	100Mbit/s	10%	32%	41%	49%	44%	55%	58%	69%	73%	71%	73%	16%
Neath Port Talbot College, Newtown Campus	500Mbit/s	1%	6%	8%	9%	7%	9%	9%	8%	1%	4%	9%	2%
Pembrokeshire College	1Gbit/s		5%	6%	7%	7%	8%	8%	9%	8%	7%	9%	2%
Royal Mencap Society, Mencap National College - Pengwern	10Mbit/s	13%	41%	33%	37%	23%	<0.5%	<0.5%	<0.5%		<0.5%	<0.5%	<0.5%
Royal Welsh College of Music and Drama	100Mbit/s	4%	10%	15%	17%	11%	16%	19%	21%	13%	20%	18%	13%
St David's Catholic College	100Mbit/s	2%	23%	40%	47%	35%	55%	55%	53%	51%	43%	28%	7%
Swansea University, College of Human and Health Sciences	10Mbit/s	10%	24%	23%	18%	79%	21%	23%	17%	24%	24%	24%	21%
Swansea University, Library and Information centre	2Gbit/s	19%	44%	65%	69%	62%	76%	81%	78%	81%	81%	67%	25%
The Cardiff and Vale College, Colcot Road	100Mbit/s	4%	19%	24%	31%	24%	30%	31%	35%	28%	27%	21%	11%
The Cardiff and Vale College, Trowbridge	100Mbit/s	8%	40%	48%	59%	45%	61%	58%	64%	52%	48%	28%	12%
The Open University, Cardiff	100Mbit/s										6%	7%	7%
University of South Wales, Caerleon Campus	1Gbit/s	2%	3%	4%	5%	3%	4%	5%	5%	4%	4%	2%	2%
University of South Wales, Cardiff Campus	1Gbit/s	1%	2%	4%	4%	3%	4%	4%	4%	4%	4%	2%	3%
University of South Wales, Newport City Campus	100Mbit/s		1%	1%	2%	<0.5%	<0.5%	<0.5%	<0.5%	1%	<0.5%	<0.5%	1%
University of South Wales, Treforest Campus	100Mbit/s	90%	117%	243%	266%	159%	261%	280%	303%	221%	227%	135%	148%

Connection	Current Bandwidth	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
University of Wales	100Mbit/s	4%	6%	5%	4%	5%	5%	5%	5%	6%	4%	5%	6%
University of Wales Trinity Saint David, Carmarthen Campus	100Mbit/s	14%	114%	160%	174%	150%	174%	201%	204%	174%	186%	71%	44%
University of Wales Trinity Saint David, Lampeter Campus	100Mbit/s	16%	105%	174%	207%	129%	190%	203%	202%	254%	258%	175%	164%
University of Wales Trinity Saint David, Swansea Campus	300Mbit/s	9%	32%	40%	41%	32%	48%	47%	46%	40%	41%	22%	21%
WEA Cymru, Coleg Harlech Workers' Educational Association	100Mbit/s	<0.5%	1%	1%	2%	<0.5%	1%	1%	1%	<0.5%	1%	1%	<0.5%
Workers' Educational Association Wales, Coopers Yard	100Mbit/s	1%	1%	2%	2%	1%	2%	2%			2%	3%	3%
Y Coleg Cymraeg Cenedlaethol, Cardiff Office	100Mbit/s	<0.5%	1%	1%	1%	<0.5%	1%	1%	1%	1%	<0.5%	1%	1%
Y Coleg Cymraeg Cenedlaethol, Head Office	100Mbit/s	1%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%