janet

Yorkshire & Humberside Service

Report

December 2016

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 Yorkshire & Humberside by Contractual Bandwidth

- >1Gbit/s
- ≤1Gbit/s
- ≤100Mbit/s
- ≤10Mbit/s
- Dark Fibre

Average Availability of All Services in Yorkshire & Humberside

Dec 2016	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service
99.99%	6	99.92%	403

Mean Time to Repair	Average Faults per Service per Year
5h 02m	0.99

Based on 162 faults over the last 24 months

Average Availability of All Services in Janet

Dec 2016	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service
99.98%	7	99.96%	203

Mean Time to Repair	Average Faults per Service per Year
5h 59m	0.61

Based on 1348 faults over the last 24 months

Yorkshire & Humberside Service Outages - Last 12 Months

- Services with no outage
- Services with outage
- Services failing SLA

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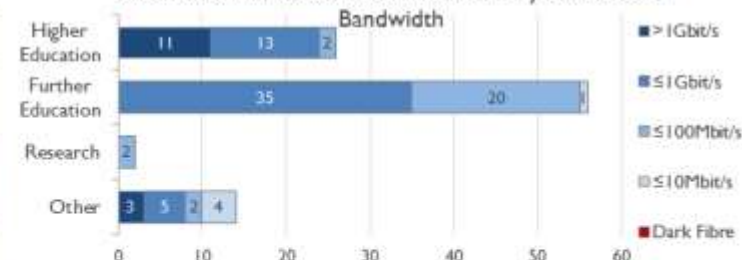
Connection Usage

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
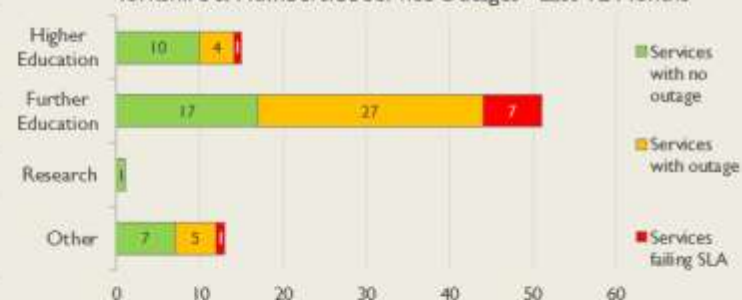
All Traffic - Yorkshire & Humberside

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

+29% +26% +11% +33% +31% +47% +54% +71% +72% +42% +36% +17%

Yorkshire & Humberside Traffic Against Janet Traffic

Yorkshire & Humberside Traffic   Janet Traffic   % of Janet Traffic from Yorkshire & Humberside

% Utilisation of Available Contractual Bandwidth at 90th Percentile

- >75%
- 50-75%
- 25-50%
- 0-25%
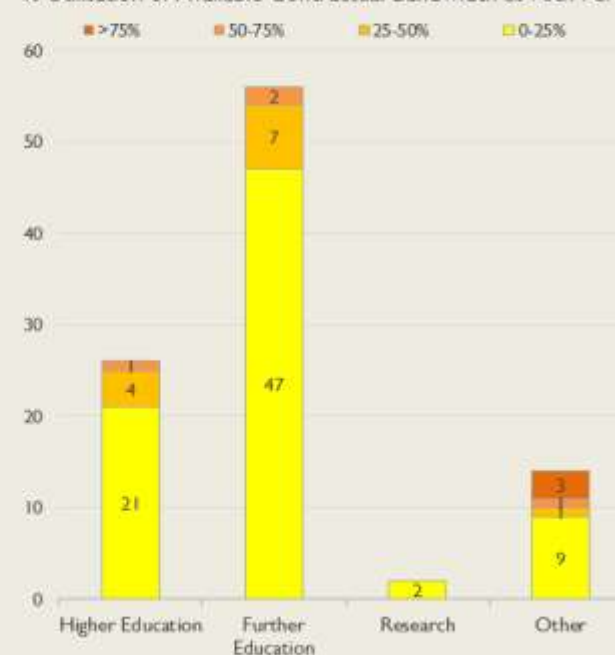
Service Availability

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	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	12 Month Rolling Availability
Askham Bryan College, York Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98.82%	99.90%
Barnsley College	99.29%	100%	100%	100%	100%	100%	100%	100%	100%	99.73%	99.91%	100%	99.91%
Barnsley Metropolitan Borough Council, Personal & Community Development	99.29%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.91%	100%	99.93%
Bishop Burton College, Bishop Burton	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Bradford College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Calderdale College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Calderdale Metropolitan Borough Council, Personal & Community Development	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Chesterfield College, Automotive Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Chesterfield College, Infirmary Road	99.29%	100%	100%	100%	93.22%	100%	100%	100%	100%	100%	100%	100%	99.38%
City of York Council, Personal & Community Development	100%	100%	100%	100%	100%	100%	100%	96.29%	100%	100%	99.72%	100%	99.67%
Craven College	100%	100%	100%	100%	100%	100%	100%	96.29%	100%	100%	99.72%	100%	99.67%
Dearne Valley College	99.29%	99.93%	100%	99.41%	100%	100%	100%	100%	100%	100%	99.91%	100%	99.88%
Doncaster College, High Melton					100%	100%	100%	100%	100%	100%	100%	100%	<12 Months
Doncaster College, The Hub	99.29%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98.96%	100%	99.85%
Doncaster Deaf Trust	100%	100%	99.70%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%
Doncaster Metropolitan Borough Council	99.29%	100%	100%	100%	100%	100%	100%	99.83%	100%	100%	99.91%	100%	99.92%
East Riding College, Beverley Campus	100%	100%	99.35%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.95%
East Riding of Yorkshire Council, Personal & Community Development	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Franklin College	99.29%	100%	100%	100%	100%	100%	100%	100%	99.96%	100%	99.91%	100%	99.93%
Greenhead College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Grimsby Institute of Further and Higher Education, Grimsby Campus	99.29%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.91%	100%	99.93%

Service	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	12 Month Rolling Availability
Grimsby Institute of Further and Higher Education, Scarborough Campus	100%	100%	100%	100%	100%	100%	100%	96.29%	100%	100%	99.72%	100%	99.67%
Henshaws Society for Blind People	100%	100%	99.70%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%
Huddersfield New College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hull College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hull College, Harrogate Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
John Leggott College	99.29%	100%	100%	100%	93.36%	100%	100%	100%	100%	100%	100%	100%	99.39%
Kingston Upon Hull City Council, Personal & Community Development	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Kirklees College, Dewsbury Centre	100%	100%	99.70%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%
Kirklees College, Huddersfield Centre	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Landmarks	99.29%	100%	100%	100%	93.22%	100%	100%	100%	100%	100%	100%	100%	99.38%
Leeds Beckett University *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Leeds City College, Keighley Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Leeds City College, Park Lane Campus	100%	100%	99.70%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%
Leeds City College, Printworks Campus	100%	100%	100%	100%	100%	98.67%	100%	100%	100%	100%	100%	100%	99.89%
Leeds City College, Technology Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Leeds College of Art	100%	100%	99.70%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%
Leeds College of Building *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Leeds College of Music	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Leeds Trinity University *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Longley Park Sixth Form College	99.29%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.91%	100%	99.93%
New College Pontefract	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Northern College for Residential Adult Education	99.29%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98.96%	100%	99.85%
Northern Grid for Learning	100%	100%	98.85%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.90%
Northern School of Contemporary Dance	100%	100%	99.70%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%
North Lindsey College *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
North Nottinghamshire College	99.29%	100%	100%	100%	99.84%	100%	100%	100%	100%	100%	100%	100%	99.93%
Notre Dame Catholic Sixth Form College	100%	100%	99.70%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%
Pennine Camphill Community Limited	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.04%	100%	99.92%
Rotherham College of Arts and Technology	99.29%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98.96%	100%	99.85%

Service	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	12 Month Rolling Availability
Rotherham College of Arts and Technology, Additional Connection	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Ruskin Mill Trust Limited, Freeman College	99.29%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.94%
Ruskin Mill Trust Limited, Freeman College				100%	100%	100%	100%	100%	100%	100%	100%	100%	<12 Months
Scarborough Sixth Form College	100%	100%	100%	100%	100%	100%	100%	96.29%	100%	100%	99.72%	100%	99.67%
Selby College	100%	100%	100%	100%	100%	100%	100%	96.29%	100%	100%	99.72%	100%	99.67%
Sheffield City Council, Personal & Community Development	99.29%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.94%
Sheffield Hallam University *	99.29%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.94%
Shipley College, Exhibition Road	100%	100%	100%	100%	99.41%	100%	100%	100%	100%	100%	100%	100%	99.95%
Shipley College, Salt Building	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stem Learning Limited, National Science Learning Centre *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
St Peter's School York	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The British Library, Boston Spa	100%	100%	99.70%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%
The Open University, Leeds	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Science Museum, National Media Museum Bradford	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Science Museum, National Railway Museum, York	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Sheffield College *	99.29%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.94%
Thomas Rotherham College	99.29%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98.96%	100%	99.85%
University of Bradford *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Huddersfield *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Hull, Hull Campus *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Hull, Scarborough Campus	100%	100%	100%	99.26%	100%	100%	100%	96.29%	100%	100%	99.72%	100%	99.61%
University of Leeds *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Sheffield *	99.29%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.94%
University of York *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Wakefield College, Castleford Campus	100%	100%	99.70%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%
Wakefield College, Wakefield City Campus	100%	100%	99.70%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%
Wilberforce College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Workers' Educational Association, Yorkshire and Humber	100%	100%	99.70%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%
Wyke Sixth Form College	100%	100%	100%	98.86%	100%	100%	100%	100%	100%	100%	100%	100%	99.90%

Service	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	12 Month Rolling Availability
YHGfL Foundation *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
York College	100%	100%	100%	100%	99.70%	100%	100%	100%	100%	100%	100%	100%	99.97%
York St John University *	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
Askham Bryan College, York Campus	20/12/2016 19:35	21/12/2016 17:18	12:58	08:45	Telco Line	Fibre cabinet exploded underground
Barnsley Metropolitan Borough Council, Personal & Community Development	03/12/2016 16:25	03/12/2016 18:06	00:00	01:41	Customer Environment	Area power cut
University of Bradford, Link 2	17/12/2016 03:17	17/12/2016 03:37	00:00	00:20	Customer Equipment	Site router crash
University of Bradford, Link 2	17/12/2016 19:49	17/12/2016 20:09	00:00	00:20	Customer Maintenance	Power maintenance
University of Bradford, Link 2	22/12/2016 07:16	22/12/2016 07:29	00:00	00:13	Customer Equipment	Router issue
Calderdale Metropolitan Borough Council, Personal & Community Development	12/12/2016 22:02	12/12/2016 23:22	00:00	01:20	Unknown	Unknown
Doncaster College, The Hub	19/12/2016 09:55	22/12/2016 21:32	03:52	31:45	MRS Equipment	MRS router requires replacement
Hull College, Queen's Gardens	07/12/2016 02:01	07/12/2016 03:00	00:00	00:59	Customer Environment	Power failure at site
Leeds College of Music	13/12/2016 12:03	13/12/2016 12:15	00:00	00:12	Customer Maintenance	Customer unscheduled maintenance
North Lindsey College, via Telehouse West	13/12/2016 07:00	13/12/2016 07:26	00:00	00:26	Regional Maintenance	Scheduled maintenance
The Sheffield College, Hillsborough College	03/12/2016 10:43	20/12/2016 10:40	00:00	407:57	Customer Maintenance	Customer scheduled firewall maintenance
Shipley College, Salt Building	12/12/2016 19:43	13/12/2016 16:52	00:00	21:09	Customer Equipment	Customer equipment fault
Shipley College, Salt Building	17/12/2016 02:58	20/12/2016 10:58	06:39	25:21	MRS Equipment	MRS router failure

Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
YHGfL Foundation, via Leeds Beckett University	26/12/2016 10:28	26/12/2016 18:57	00:00	08:29	Customer Environment	Wide are power outage
YHGfL Foundation, via Leeds Beckett University	27/12/2016 12:28	27/12/2016 12:42	00:00	00:14	Customer Environment	Wide are power outage
YHGfL Foundation, via Leeds Beckett University	28/12/2016 12:04	28/12/2016 13:59	00:00	01:55	Customer Environment	Wide are power outage
Hull College, Harrogate Campus	10/12/2016 08:34	10/12/2016 14:42	00:00	06:08	Customer Maintenance	Customer unscheduled power maintenance
Chesterfield College, Automotive Campus	13/12/2016 07:00	13/12/2016 07:26	00:00	00:26	Regional Maintenance	Scheduled maintenance
Shipley College, Exhibition Road	06/12/2016 07:00	06/12/2016 07:25	00:00	00:25	Regional Maintenance	Scheduled maintenance
The Open University, Leeds	06/12/2016 23:17	06/12/2016 23:32	00:00	00:15	Telco Maintenance	Scheduled maintenance
Rotherham College of Arts and Technology, Additional Connection	06/12/2016 07:00	06/12/2016 07:25	00:00	00:25	Regional Maintenance	Scheduled maintenance
Ruskin Mill Trust Limited, Freeman College, via Telehouse West	13/12/2016 07:00	13/12/2016 07:26	00:00	00:26	Regional Maintenance	Scheduled maintenance
Doncaster College, High Melton	13/12/2016 07:00	13/12/2016 07:26	00:00	00:26	Regional Maintenance	Scheduled 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	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Askham Bryan College, York Campus	1Gbit/s	11%	10%	11%	11%	10%	8%	3%	3%	10%	12%	12%	11%
Barnsley College	1Gbit/s	21%	24%	22%	24%	26%	22%	8%	10%	24%	32%	34%	20%
Barnsley Metropolitan Borough Council, Personal & Community Development	500Mbit/s	40%	33%	26%	19%	19%	18%	15%	4%	14%	13%	13%	12%
Bishop Burton College, Bishop Burton	1Gbit/s	18%	18%	16%	18%	16%	12%	3%	4%	15%	19%	21%	17%
Bradford College	1Gbit/s	25%	23%	24%	24%	24%	18%	7%	5%	21%	28%	34%	23%
Calderdale College	1Gbit/s	75%	69%	64%	50%	70%	53%	20%	1%	8%	9%	11%	8%
Calderdale Metropolitan Borough Council, Personal & Community Development	4Mbit/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%
Chesterfield College, Automotive Campus	100Mbit/s	<0.5%	<0.5%	1%	2%	2%	1%	1%	1%	1%	1%	2%	1%
Chesterfield College, Infirmary Road	1Gbit/s	17%	16%	15%	16%	17%	12%	3%	3%	12%	16%	20%	16%
City of York Council, Personal & Community Development	500Mbit/s	43%	47%	43%	47%	52%	53%	48%	22%	56%	51%	56%	45%
Craven College	1Gbit/s	58%	49%	58%	55%	65%	52%	12%	12%	49%	45%	67%	5%
Dearne Valley College	1Gbit/s	67%	210%	184%	233%	17%	23%	7%	6%	16%	26%	3%	1%
Doncaster College, High Melton	100Mbit/s					<0.5%	5%	5%	4%	18%	23%	18%	22%
Doncaster College, The Hub	1Gbit/s	161%	314%	294%	343%	369%	253%	85%	26%	57%	84%	120%	8%
Doncaster Deaf Trust	100Mbit/s	14%	13%	13%	15%	15%	17%	10%	15%	22%	34%	57%	24%
Doncaster Metropolitan Borough Council	1Gbit/s	14%	15%	13%	14%	14%	12%	9%	4%	11%	10%	12%	9%
East Riding College, Beverley Campus	1Gbit/s	5%	5%	6%	5%	6%	6%	1%	1%	4%	5%	6%	4%
East Riding of Yorkshire Council, Personal & Community Development	4Mbit/s	164%	164%	164%	165%	176%	145%	146%	141%	139%	140%	133%	120%
Franklin College	1Gbit/s	39%	38%	36%	34%	39%	29%	4%	5%	39%	31%	4%	2%
Greenhead College	1Gbit/s	28%	29%	27%	26%	24%	15%	15%	3%	25%	26%	3%	2%
Grimsby Institute of Further and Higher Education, Grimsby Campus	1Gbit/s	19%	22%	18%	20%	21%	17%	6%	4%	61%	59%	72%	48%
Grimsby Institute of Further and Higher Education, Scarborough Campus	100Mbit/s	47%	43%	43%	47%	49%	43%	12%	10%	40%	39%	49%	32%
Henshaws Society for Blind People	100Mbit/s	10%	8%	10%	9%	11%	10%	12%	10%	10%	10%	10%	8%

Connection	Current Bandwidth	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Huddersfield New College	1Gbit/s	63%	7%	7%	16%	17%	9%	4%	4%	8%	8%	11%	8%
Hull College, Harrogate Campus	1Gbit/s	4%	4%	3%	3%	4%	3%	1%	<0.5%	2%	2%	3%	2%
Hull College, Queen's Gardens	1Gbit/s	13%	12%	15%	14%	16%	11%	4%	3%	10%	14%	16%	11%
John Leggott College	100Mbit/s	72%	64%	67%	55%	41%	85%	8%	10%	91%	75%	84%	58%
Kingston Upon Hull City Council, Personal & Community Development	4Mbit/s	1250%	1370%	1285%	1338%	1350%	1463%	1550%	1545%	1513%	1633%	1780%	1388%
Kirklees College, Dewsbury Centre	1Gbit/s	10%	14%	13%	14%	16%	12%	1%	1%	13%	17%	19%	13%
Kirklees College, Huddersfield Centre	1Gbit/s	94%	78%	8%	9%	9%	7%	2%	1%	9%	10%	10%	7%
Landmarks	100Mbit/s	2%	5%	5%	2%	2%	4%	4%	<0.5%	1%	1%	2%	1%
Leeds Beckett University, City Campus	1Gbit/s	24%	37%	33%	41%	33%	15%	15%	13%	17%	37%	47%	34%
Leeds Beckett University, Headingley Campus	1Gbit/s	10%	12%	13%	17%	13%	10%	10%	10%	10%	13%	15%	12%
Leeds City College, Keighley Campus	100Mbit/s	37%	35%	37%	35%	37%	30%	8%	5%	28%	36%	48%	27%
Leeds City College, Park Lane Campus	1Gbit/s	14%	14%	12%	9%	11%	9%	4%	3%	12%	17%	18%	13%
Leeds City College, Printworks Campus	1Gbit/s	59%	47%	84%	63%	90%	48%	22%	11%	33%	54%	9%	6%
Leeds City College, Technology Campus	1Gbit/s	10%	9%	13%	8%	13%	10%	2%	2%	10%	13%	15%	10%
Leeds College of Art	1Gbit/s	9%	10%	9%	11%	8%	2%	2%	2%	4%	13%	14%	7%
Leeds College of Building, Black Bull Street	1Gbit/s	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	1%	1%	1%	1%
Leeds College of Building, North Street	100Mbit/s	22%	18%	21%	21%	27%	28%	22%	10%	34%	48%	38%	26%
Leeds College of Music	500Mbit/s	9%	10%	9%	8%	9%	4%	3%	2%	6%	10%	12%	9%
Leeds Trinity University	1Gbit/s	5%	7%	6%	7%	5%	4%	4%	3%	6%	9%	8%	6%
Leeds Trinity University, via Leeds Metropolitan	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%
Longley Park Sixth Form College	500Mbit/s	246%	206%	133%	192%	168%	170%	184%	143%	175%	16%	4%	19%
New College Pontefract	1Gbit/s	15%	15%	13%	15%	11%	9%	1%	1%	14%	18%	22%	14%
Northern College for Residential Adult Education	100Mbit/s	251%	225%	168%	218%	202%	181%	192%	143%	176%	164%	17%	13%
Northern Grid for Learning, via Leeds	10Gbit/s	16%	15%	15%	15%	17%	16%	14%	4%	17%	18%	20%	15%
Northern School of Contemporary Dance	100Mbit/s	8%	7%	8%	6%	8%	8%	5%	2%	7%	8%	10%	5%
North Lindsey College	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%
North Lindsey College, via Telehouse West	1Gbit/s	12%	11%	12%	11%	11%	12%	3%	2%	9%	13%	15%	23%
North Nottinghamshire College	1Gbit/s	77%	7%	8%	4%	6%	5%	2%	2%	4%	5%	7%	4%
Notre Dame Catholic Sixth Form College	1Gbit/s	49%	36%	56%	44%	45%	31%	6%	3%	49%	5%	9%	4%
Pennine Camphill Community Limited	100Mbit/s	21%	19%	17%	15%	15%	15%	11%	9%	14%	13%	17%	17%

Connection	Current Bandwidth	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Rotherham College of Arts and Technology	100Mbit/s	45%	62%	67%	135%	100%	94%	49%	3%	12%	11%	15%	1%
Rotherham College of Arts and Technology, Additional Connection	1Gbit/s	6%	8%	8%	11%	11%	7%	2%	2%	7%	9%	12%	7%
Ruskin Mill Trust Limited, Freeman College, via Sheffield	100Mbit/s	7%	3%	3%	3%	4%	4%	3%	3%	5%	6%	6%	4%
Ruskin Mill Trust Limited, Freeman College, via Telehouse West	100Mbit/s				<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Scarborough Sixth Form College	100Mbit/s	29%	27%	33%	33%	34%	17%	7%	20%	32%	36%	49%	54%
Selby College	1Gbit/s	71%	54%	58%	55%	63%	48%	10%	7%	57%	62%	4%	6%
Sheffield City Council, Personal & Community Development	4Mbit/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%
Sheffield Hallam University, City Campus	1Gbit/s	45%	72%	62%	82%	52%	36%	35%	32%	41%	87%	95%	71%
Sheffield Hallam University, Collegiate Campus	1Gbit/s	14%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Shipley College, Exhibition Road	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%
Shipley College, Salt Building	100Mbit/s	58%	50%	52%	56%	68%	63%	11%	8%	51%	66%	76%	36%
Stem Learning Limited, National Science Learning Centre, Link 1	100Mbit/s	6%	5%	6%	7%	6%	6%	6%	7%	8%	8%	10%	14%
Stem Learning Limited, National Science Learning Centre, Link 2	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%
St Peter's School York	100Mbit/s	231%	246%	245%	272%	340%	316%	153%	41%	323%	314%	486%	68%
The British Library, Boston Spa	200Mbit/s	57%	67%	89%	103%	111%	111%	70%	98%	145%	146%	171%	191%
The Open University, Leeds	100Mbit/s	7%	8%	6%	6%	5%	6%	5%	5%	6%	7%	8%	7%
The Science Museum, National Media Museum Bradford	1Gbit/s	4%	4%	4%	4%	4%	5%	5%	6%	5%	6%	7%	6%
The Science Museum, National Railway Museum, York	100Mbit/s	2%	3%	3%	4%	3%	3%	4%	4%	3%	4%	3%	3%
The Sheffield College, Hillsborough College	1Gbit/s	128%	274%	242%	302%	332%	224%	69%	20%	116%	16%	<0.5%	<0.5%
The Sheffield College, Sheffield City College	1Gbit/s	217%	255%	234%	311%	292%	203%	58%	31%	119%	182%	32%	24%
Thomas Rotherham College	100Mbit/s	73%	222%	190%	251%	277%	199%	64%	3%	34%	38%	59%	40%
University of Bradford, Link 1	1Gbit/s	8%	10%	10%	12%	9%	5%	5%	5%	8%	18%	21%	15%
University of Bradford, Link 2	1Gbit/s	19%	21%	21%	23%	20%	16%	15%	16%	19%	25%	30%	25%
University of Edinburgh, Advanced Computing Facility, via Leeds	20Gbit/s					5%	9%	9%	12%	25%	9%	10%	10%
University of Huddersfield, Link 1	10Gbit/s	39%	56%	52%	57%	38%	26%	25%	22%	3%	7%	7%	6%
University of Huddersfield, Link 2	10Gbit/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%
University of Hull, Hull Campus, Link 1	2Gbit/s	18%	24%	19%	31%	29%	19%	16%	21%	22%	37%	37%	29%

Connection	Current Bandwidth	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
University of Hull, Hull Campus, Link 2	2Gbit/s	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	4%	<0.5%
University of Hull, Scarborough Campus	1Gbit/s	2%	2%	2%	2%	2%	1%	1%	1%	1%	2%	2%	1%
University of Leeds, via Leeds (1)	10Gbit/s	40%	43%	41%	42%	46%	24%	17%	18%	38%	49%	52%	47%
University of Leeds, via Leeds (2)	5Gbit/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%
University of Sheffield, Brunswick Street	2Gbit/s	<0.5%	<0.5%	<0.5%	15%	56%	65%	35%	34%	18%	33%	16%	<0.5%
University of Sheffield, Hounsfield Road	4Gbit/s	82%	90%	89%	92%	97%	71%	48%	47%	74%	100%	102%	17%
University of York, Link 1	4Gbit/s	76%	79%	72%	80%	82%	59%	27%	27%	47%	85%	92%	44%
University of York, Link 2	4Gbit/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%
Wakefield College, Castleford Campus	100Mbit/s	67%	61%	51%	74%	79%	58%	9%	10%	54%	59%	10%	6%
Wakefield College, Wakefield City Campus	1Gbit/s	79%	77%	79%	94%	85%	68%	18%	18%	62%	8%	20%	15%
Wilberforce College	1Gbit/s	47%	45%	46%	48%	45%	24%	8%	<0.5%	3%	3%	4%	3%
Workers' Educational Association, Yorkshire and Humber	10Mbit/s	7%	10%	18%	10%	12%	12%	18%	12%	11%	11%	28%	8%
Wyke Sixth Form College	1Gbit/s	97%	96%	97%	96%	96%	88%	<0.5%	<0.5%	13%	12%	16%	7%
YHGfL Foundation, via Leeds	3Gbit/s	43%	40%	46%	59%	63%	57%	43%	10%	52%	<0.5%	<0.5%	<0.5%
YHGfL Foundation, via Leeds Beckett University	10Gbit/s	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	16%	17%	15%
York College	1Gbit/s	25%	26%	28%	27%	27%	19%	2%	2%	20%	28%	34%	26%
York St John University, Fountains Learning Centre	1Gbit/s	10%	14%	13%	14%	12%	6%	6%	6%	13%	19%	19%	10%
York St John University, Holgate 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%