janet

Yorkshire & Humberside Service

Report

February 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 Yorkshire & Humberside by Contractual Bandwidth

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

Average Availability of All Services in Yorkshire & Humberside

Feb 2018	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service
99.92%	30	99.96%	215
Mean Time to Repair		Average Faults per Service per Year	
5h 32m		0.72	
Based on 122 faults over the last 24 months			

Average Availability of All Services in Janet

Feb 2018	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service
99.98%	7	99.99%	77
Mean Time to Repair		Average Faults per Service per Year	
5h 10m		0.39	
Based on 908 faults over the last 24 months			

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

Yorkshire & Humberside Service Outages - Last 12 Months

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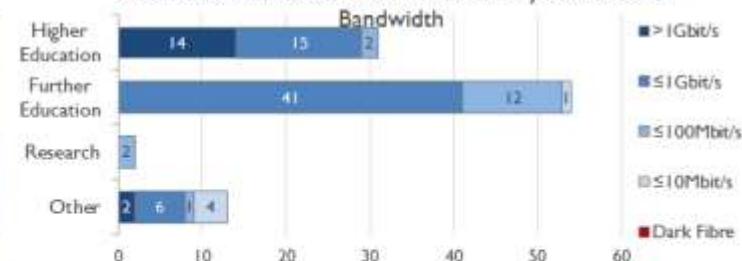- ■ Services failing SLA

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
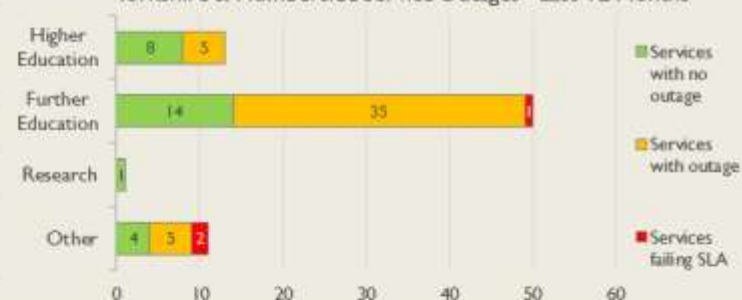
All Traffic - Yorkshire & Humberside

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

% Utilisation of Available Contractual Bandwidth at 90th Percentile

■ >75%   ■ 50-75%   ■ 25-50%   ▢ 0-25%

Yorkshire & Humberside Traffic Against Janet Traffic

▨ Yorkshire & Humberside Traffic   ▨ Janet Traffic   — % of Janet Traffic from Yorkshire & Humberside
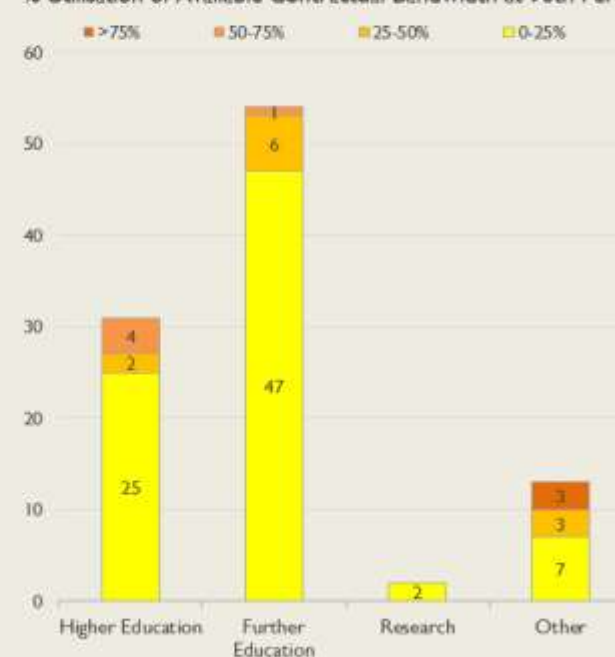
Service Availability

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	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17	Jan 18	Feb 18	12 Month Rolling Availability
Askham Bryan College, York Campus	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Barnsley College	100%	100%	99.62%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	99.96%
Barnsley Metropolitan Borough Council, Personal & Community Development	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Bishop Burton College, Bishop Burton	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Bradford College	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Calderdale College	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Calderdale Metropolitan Borough Council, Personal & Community Development	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
City of York Council, Personal & Community Development	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Craven College	100%	100%	100%	100%	100%	99.94%	100%	99.20%	100%	100%	100%	100%	99.93%
Cybula Ltd	100%	90.98%	100%	100%	97.41%	99.78%	92.67%	100%	100%	100%	100%	100%	98.40%
DN Colleges Group, Doncaster College - High Melton	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
DN Colleges Group, Doncaster College - The Hub									100%	100%	100%	100%	<12 Months
DN Colleges Group, North Lindsey College *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Doncaster Deaf Trust	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Doncaster Metropolitan Borough Council	100%	100%	99.06%	100%	100%	99.94%	98.82%	98.39%	100%	100%	100%	100%	99.68%
East Riding College, Beverley Campus	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
East Riding of Yorkshire Council, Personal & Community Development	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Franklin College	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Greenhead College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Grimsby Institute of Further and Higher Education, Grimsby Campus	100%	100%	100%	100%	100%	99.94%	100%	99.39%	100%	100%	100%	100%	99.94%
Grimsby Institute of Further and Higher Education, Scarborough Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Service	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17	Jan 18	Feb 18	12 Month Rolling Availability
Henshaws Society for Blind People	100%	99.94%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	>99.99%
Heriot-Watt University, TOUCAN-2										100%	100%	100%	<12 Months
Huddersfield New College	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Hull City Council, Personal & Community Development	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
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	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Kirklees College, Dewsbury Centre	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	99.88%	100%	100%	99.98%
Kirklees College, Huddersfield Centre	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Kirklees Council												100%	<12 Months
Landmarks	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Leeds Arts University	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Leeds Beckett University *	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Leeds Beckett University, LBU-1 - JPNS00054										100%	100%	100%	100%	<12 Months
Leeds City College, Keighley Campus	100%	100%	100%	100%	100%	100%	100%	99.20%	100%	100%	100%	100%	99.93%
Leeds City College, Park Lane Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Leeds City College, Printworks Campus	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	99.88%	100%	100%	99.98%
Leeds City College, Technology Campus	100%	99.60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	93.58%	99.43%
Leeds College of Building *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Leeds College of Music	100%	99.60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%
Leeds Trinity University *	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Longley Park Sixth Form College	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
New Collaborative Learning Trust, New College Doncaster							100%	100%	100%	100%	100%	100%	<12 Months
New Collaborative Learning Trust, New College Pontefract	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	99.88%	100%	100%	99.98%
Northern College for Residential Adult Education	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Northern School of Contemporary Dance	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Notre Dame Catholic Sixth Form College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Pennine Camphill Community Limited	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
RNN Group, Dearne Valley College	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
RNN Group, Rotherham College, Dinnington Campus		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	<12 Months

Service	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17	Jan 18	Feb 18	12 Month Rolling Availability
RNN Group, Rotherham College Town Centre Campus [1]	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
RNN Group, Town Centre Campus [2]	100%	100%	100%	100%	100%	100%	100%	100%	99.90%	100%	100%	100%	>99.99%
Ruskin Mill Trust Limited, Freeman College	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Ruskin Mill Trust Limited, Freeman College	100%	100%	97.36%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.78%
Scarborough Sixth Form College	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Selby College	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Sheffield City Council, Personal & Community Development	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Sheffield Hallam University *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Shipley College, Exhibition Road	100%	100%	100%	100%	100%	100%	100%	100%	99.90%	100%	100%	100%	>99.99%
Shipley College, Salt Building	100%	100%	100%	100%	100%	99.94%	100%	99.20%	100%	100%	100%	100%	99.93%
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%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The National College for High Speed Rail, Doncaster						100%	100%	100%	100%	100%	100%	100%	<12 Months
The Sheffield College *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Thomas Rotherham College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University for the Creative Arts, The Open College of the Arts *				100%	100%	100%	100%	100%	100%	100%	100%	100%	<12 Months
University of Bradford *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Edinburgh, TOUCAN-3										100%	100%	100%	<12 Months
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%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
University of Hull, Hull to Scarborough				100%	100%	100%	100%	100%	100%	100%	100%	100%	<12 Months
University of Hull, Scarborough Campus	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
University of Leeds *	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
University of Sheffield *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Sheffield, Sheffield Teaching Hospital					100%	99.94%	100%	100%	100%	100%	100%	100%	<12 Months
University of York *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Wakefield College, Wakefield City Campus	100%	99.94%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Wilberforce College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Service	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17	Jan 18	Feb 18	12 Month Rolling Availability
Workers' Educational Association, Yorkshire and Humber	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
Wyke Sixth Form College	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
YHGfL Foundation	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
York College	100%	100%	100%	100%	100%	99.94%	100%	100%	100%	100%	100%	100%	>99.99%
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
University of Hull, Hull Campus, Link 2	01/02/2018 07:48	01/02/2018 09:40	00:00	01:52	Regional Network Scheduled Maintenance	Scheduled maintenance
Leeds College of Building, North Street	09/02/2018 14:07	11/02/2018 09:15	00:00	43:08	Regional Network Other	Fibres disturbed and re-connected incorrectly at Leeds Uni MMFB
Leeds City College, Technology Campus	09/02/2018 14:07	11/02/2018 09:15	00:00	43:08	Regional Network Other	Fibres disturbed and re-connected incorrectly at Leeds Uni MMFB
DN Colleges Group, North Lindsey College, via Telehouse West	09/02/2018 00:04	09/02/2018 00:26	00:00	00:22	Telco Scheduled Maintenance	Telco scheduled router maintenance
Sheffield City Council, Personal & Community Development	03/02/2018 07:45	05/02/2018 07:20	00:00	47:35	Customer Environment	Customer local power outage
Sheffield City Council, Personal & Community Development	17/02/2018 19:31	19/02/2018 07:20	00:00	35:49	Customer Environment	Area power cut
Sheffield City Council, Personal & Community Development	19/02/2018 20:44	20/02/2018 08:15	00:00	11:31	Customer Environment	Area power cut
Sheffield City Council, Personal & Community Development	20/02/2018 19:02	21/02/2018 08:13	00:00	13:11	Customer Environment	Site wide power outage
Doncaster Metropolitan Borough Council	28/02/2018 20:44	28/02/2018 23:22	00:00	02:38	Customer Environment	Customer power outage
Shipley College, Exhibition Road	09/02/2018 14:44	09/02/2018 15:08	00:00	00:24	Customer Environment	Customer power outage
Cybula Ltd	14/02/2018 15:11	14/02/2018 17:13	00:00	02:02	Customer Environment	Customer power outage
Cybula Ltd	15/02/2018 01:04	15/02/2018 09:33	00:00	08:29	Customer Environment	Area power cut
Cybula Ltd	20/02/2018 15:25	20/02/2018 17:22	00:00	01:57	Customer Other	Adverse weather conditions affecting satellite connection

Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
Cybula Ltd	22/02/2018 18:56	23/02/2018 08:47	12:55	00:56	Denial of Service Attack	Malicious attempts by external IP addresses to gain access to router
The National College for High Speed Rail, Doncaster	22/02/2018 17:09	22/02/2018 18:38	00:00	01:29	Customer Unscheduled Maintenance	Unscheduled firewall 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	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18
Askham Bryan College, York Campus	1Gbit/s	13%	9%	13%	9%	4%	2%	11%	12%	14%	13%	11%	3%
Barnsley College	1Gbit/s	28%	19%	26%	20%	8%	12%	24%	27%	32%	27%	35%	28%
Barnsley Metropolitan Borough Council, Personal & Community Development	500Mbit/s	10%	5%	4%	3%	3%	3%	3%	3%	3%	2%	2%	2%
Bishop Burton College, Bishop Burton	1Gbit/s	22%	17%	20%	16%	4%	6%	19%	22%	22%	18%	22%	23%
Bradford College	1Gbit/s	35%	19%	30%	20%	9%	7%	27%	35%	39%	23%	37%	36%
Calderdale College	1Gbit/s	10%	4%	7%	5%	2%	1%	7%	9%	8%	7%	7%	6%
Calderdale Metropolitan Borough Council, Personal & Community Development	4Mbit/s	9%	1%	9%	10%	1%	1%	17%	16%	25%	18%	29%	28%
City of York Council, Personal & Community Development	1Gbit/s	91%	70%	95%	86%	72%	37%	63%	62%	99%	84%	72%	35%
Craven College	1Gbit/s	8%	4%	7%	5%	1%	1%	4%	4%	7%	6%	5%	5%
Cybula Ltd	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%
DN Colleges Group, Doncaster College - High Melton	100Mbit/s	39%	31%	34%	17%	11%	7%	10%	5%	<0.5%	<0.5%	<0.5%	<0.5%
DN Colleges Group, Doncaster College - The Hub	1Gbit/s									18%	16%	18%	17%
DN Colleges Group, North Lindsey College	1Gbit/s	<0.5%	<0.5%	1%	<0.5%	<0.5%	<0.5%	<0.5%	1%	1%	<0.5%	1%	1%
DN Colleges Group, North Lindsey College, via Telehouse West	1Gbit/s	18%	8%	17%	14%	4%	3%	14%	17%	20%	14%	19%	16%
Doncaster Deaf Trust	100Mbit/s	20%	10%	18%	19%	13%	6%	15%	13%	14%	12%	18%	14%
Doncaster Metropolitan Borough Council	1Gbit/s	13%	7%	13%	13%	13%	4%	11%	15%	16%	12%	11%	11%
East Riding College, Beverley Campus	1Gbit/s	7%	4%	6%	6%	2%	1%	6%	7%	7%	8%	7%	7%
East Riding of Yorkshire Council, Personal & Community Development	4Mbit/s	186%	163%	160%	212%	191%	177%	194%	196%	198%	155%	168%	203%
Franklin College	1Gbit/s	5%	2%	5%	3%	1%	<0.5%	8%	10%	53%	18%	6%	10%
Greenhead College	1Gbit/s	7%	3%	32%	41%	45%	34%	46%	46%	43%	45%	48%	12%
Grimsby Institute of Further and Higher Education, Grimsby Campus	1Gbit/s	74%	32%	59%	35%	10%	7%	30%	33%	39%	24%	36%	37%
Grimsby Institute of Further and Higher Education, Scarborough Campus	100Mbit/s	53%	22%	46%	41%	11%	5%	21%	17%	20%	33%	58%	25%

Connection	Current Bandwidth	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18
Henshaws Society for Blind People	100Mbit/s	12%	10%	11%	16%	95%	21%	94%	21%	21%	70%	24%	23%
Heriot-Watt University, TOUCAN-2	1Gbit/s										<0.5%	<0.5%	<0.5%
Huddersfield New College	1Gbit/s	18%	6%	17%	7%	2%	1%	8%	9%	10%	9%	9%	9%
Hull City Council, Personal & Community Development	4Mbit/s	1638%	1635%	1880%	1748%	1710%	1528%	1585%	1628%	1750%	1655%	1873%	2033%
Hull College, Harrogate Campus	1Gbit/s	3%	1%	3%	2%	1%	<0.5%	<0.5%	1%	2%	1%	2%	2%
Hull College, Queen's Gardens	1Gbit/s	18%	9%	16%	11%	4%	3%	10%	16%	18%	16%	18%	18%
John Leggott College	100Mbit/s	70%	14%	58%	54%	8%	4%	5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Kirklees College, Dewsbury Centre	1Gbit/s	19%	10%	19%	12%	2%	1%	5%	6%	8%	7%	8%	7%
Kirklees College, Huddersfield Centre	1Gbit/s	12%	7%	13%	10%	2%	2%	15%	20%	24%	21%	20%	17%
Kirklees Council	10Gbit/s												21%
Landmarks	100Mbit/s	5%	1%	4%	5%	3%	3%	3%	3%	7%	3%	7%	7%
Leeds Arts University	1Gbit/s	18%	8%	12%	3%	2%	2%	8%	24%	25%	12%	24%	19%
Leeds Beckett University, City Campus	1Gbit/s	53%	44%	42%	19%	19%	17%	27%	61%	65%	42%	37%	60%
Leeds Beckett University, Headingley Campus	1Gbit/s	15%	13%	15%	12%	10%	9%	12%	15%	16%	12%	13%	15%
Leeds Beckett University, LBU-1 - JPNS00054	10Gbit/s									2%	1%	1%	2%
Leeds City College, Keighley Campus	100Mbit/s	52%	20%	45%	32%	8%	6%	43%	51%	60%	29%	53%	41%
Leeds City College, Park Lane Campus	1Gbit/s	20%	8%	17%	11%	3%	3%	11%	18%	20%	11%	18%	16%
Leeds City College, Printworks Campus	1Gbit/s	10%	4%	9%	6%	5%	1%	7%	11%	13%	8%	12%	11%
Leeds City College, Technology Campus	1Gbit/s	17%	5%	15%	8%	2%	2%	11%	16%	19%	7%	17%	16%
Leeds College of Building, Black Bull Street	1Gbit/s	1%	1%	1%	1%	1%	<0.5%	1%	1%	1%	1%	1%	2%
Leeds College of Building, North Street	500Mbit/s	47%	22%	6%	6%	4%	2%	4%	6%	9%	5%	8%	7%
Leeds College of Music	500Mbit/s	12%	6%	11%	4%	3%	3%	8%	12%	14%	9%	12%	12%
Leeds Trinity University	1Gbit/s	9%	6%	6%	5%	4%	4%	7%	9%	9%	6%	8%	9%
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	18%	19%	17%	18%	18%	20%	21%	22%	22%	22%	22%	22%
New Collaborative Learning Trust, New College Doncaster	1Gbit/s								4%	5%	6%	5%	5%	5%
New Collaborative Learning Trust, New College Pontefract	1Gbit/s	22%	4%	19%	13%	1%	1%	15%	18%	19%	17%	18%	17%
Northern School of Contemporary Dance	100Mbit/s	11%	6%	9%	10%	8%	4%	9%	10%	12%	6%	12%	11%
Notre Dame Catholic Sixth Form College	1Gbit/s	12%	2%	12%	9%	1%	1%	14%	12%	15%	7%	14%	14%
Pennine Camphill Community Limited	100Mbit/s	19%	17%	18%	21%	18%	13%	17%	16%	20%	19%	21%	19%

Connection	Current Bandwidth	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18
RNN Group, Dearne Valley College	1Gbit/s	2%	1%	2%	2%	1%	<0.5%	1%	2%	2%	2%	2%	2%
RNN Group, Rotherham College, Dinnington Campus	1Gbit/s		<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
RNN Group, Rotherham College Town Centre Campus [1]	1Gbit/s	64%	3%	6%	5%	1%	1%	4%	14%	14%	12%	2%	<0.5%
RNN Group, Town Centre Campus [2]	1Gbit/s	7%	4%	7%	5%	1%	1%	5%	<0.5%	<0.5%	<0.5%	7%	12%
Ruskin Mill Trust Limited, Freeman College, via Sheffield	100Mbit/s	5%	4%	4%	5%	4%	3%	4%	5%	6%	6%	6%	8%
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%	<0.5%	<0.5%	<0.5%
Scarborough Sixth Form College	100Mbit/s	44%	22%	39%	22%	9%	3%	36%	41%	51%	46%	49%	51%
Selby College	1Gbit/s	8%	5%	8%	6%	1%	1%	6%	9%	10%	8%	10%	8%
Sheffield City Council, Personal & Community Development	10Mbit/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	10Gbit/s	10%	8%	6%	5%	5%	4%	6%	12%	13%	9%	10%	12%
Sheffield Hallam University, Collegiate Campus	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%
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	1Gbit/s	53%	3%	6%	6%	2%	1%	6%	6%	9%	4%	10%	9%
Stem Learning Limited, National Science Learning Centre, Link 1	100Mbit/s	8%	60%	10%	8%	8%	8%	8%	10%	10%	9%	10%	11%
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	96%	49%	91%	90%	48%	15%	94%	92%	97%	96%	97%	91%
The British Library, Boston Spa	1Gbit/s	13%	11%	12%	35%	30%	26%	26%	23%	12%	12%	11%	39%
The National College for High Speed Rail, Doncaster	1Gbit/s						<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
The Sheffield College, Hillsborough College	1Gbit/s	1%	4%	7%	4%	1%	1%	5%	9%	12%	10%	11%	12%
The Sheffield College, Sheffield City College	1Gbit/s	33%	15%	26%	19%	6%	4%	18%	25%	24%	21%	22%	23%
Thomas Rotherham College	1Gbit/s	8%	3%	7%	7%	5%	4%	4%	7%	6%	5%	7%	6%
University for the Creative Arts, The Open College of the Arts, via Huddersfield	1Gbit/s				<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
University for the Creative Arts, The Open College of the Arts, via Sheffield	1Gbit/s				<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
University of Bradford, Link 1	10Gbit/s	23%	19%	16%	7%	8%	8%	11%	3%	3%	2%	2%	3%
University of Bradford, Link 2	10Gbit/s	29%	27%	25%	22%	18%	18%	23%	3%	3%	3%	2%	3%

Connection	Current Bandwidth	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18
University of Edinburgh, Advanced Computing Facility, via Leeds	20Gbit/s	10%	12%	11%	13%	19%	18%	16%	14%	17%	16%	12%	17%
University of Edinburgh, TOUCAN-3	1Gbit/s										<0.5%	<0.5%	<0.5%
University of Huddersfield, Link 1	10Gbit/s	8%	5%	5%	3%	3%	2%	4%	9%	9%	7%	8%	9%
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	1Gbit/s	42%	29%	35%	20%	22%	37%	87%	97%	83%	56%	54%	73%
University of Hull, Hull Campus, Link 2	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%
University of Hull, Hull to Scarborough	1Gbit/s				1%	1%	<0.5%	2%	3%	3%	<0.5%	<0.5%	<0.5%
University of Hull, Scarborough Campus	1Gbit/s	7%	8%	2%	1%	1%	<0.5%	2%	3%	3%	<0.5%	<0.5%	<0.5%
University of Leeds, via Leeds (1)	10Gbit/s	58%	51%	59%	32%	23%	24%	51%	61%	66%	54%	62%	66%
University of Leeds, via Leeds (2)	5Gbit/s	<0.5%	<0.5%	102%	<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%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
University of Sheffield, Hounsfield Road	4Gbit/s	10%	22%	4%	11%	25%	28%	17%	24%	12%	21%	43%	71%
University of Sheffield, Sheffield Teaching Hospital	100Mbit/s					5%	1%	1%	1%	1%	1%	1%	1%
University of York, Link 1	10Gbit/s	39%	39%	43%	31%	13%	12%	25%	41%	45%	19%	46%	47%
University of York, 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%
Wakefield College, Wakefield City Campus	1Gbit/s	22%	13%	12%	9%	3%	3%	17%	21%	22%	22%	23%	23%
Wilberforce College	1Gbit/s	5%	2%	4%	3%	1%	<0.5%	4%	5%	6%	5%	5%	6%
Workers' Educational Association, Yorkshire and Humber	10Mbit/s	11%	10%	16%	17%	23%	40%	38%	48%	42%	32%	38%	36%
Wyke Sixth Form College	1Gbit/s	19%	8%	15%	10%	1%	<0.5%	12%	17%	17%	10%	18%	19%
YHGfL Foundation, via Leeds	3Gbit/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%
York College	1Gbit/s	42%	27%	37%	24%	3%	3%	22%	31%	35%	33%	34%	34%
York St John University, Fountains Learning Centre	1Gbit/s	22%	15%	16%	7%	9%	7%	14%	25%	25%	13%	15%	26%
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%