



Kent Service Report

May 2019

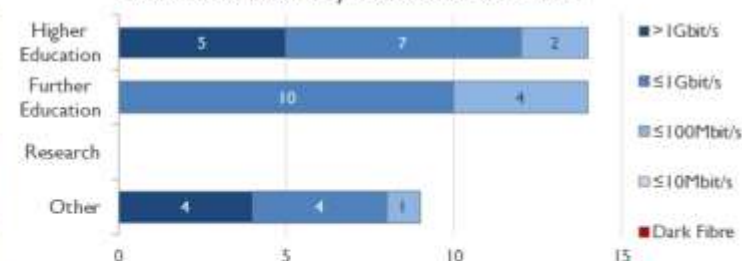


Service Reliability

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



Connections in Kent by Contractual Bandwidth



Average Availability of HE & FE Services in Kent

May 2019	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service	May 2019	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service
>99.99%	0	>99.99%	39	99.99%	5	99.97%	146
Mean Time to Repair		Average Faults per Service per Year		Mean Time to Repair		Average Faults per Service per Year	
3h 27m		0.14		5h 40m		0.33	
Based on 8 faults over the last 24 months				Based on 631 faults over the last 24 months			

Average Availability of HE & FE Services in Janet

Kent Service Outages - Last 12 Months



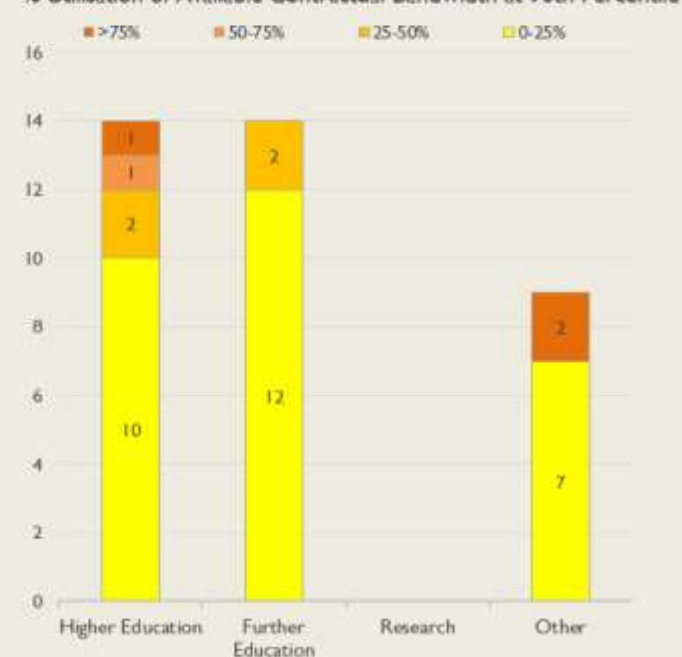
NE: Periods of scheduled and emergency maintenance are not included in reliability performance statistics

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



% Utilisation of Available Contractual Bandwidth at 90th Percentile



Kent HE & FE Traffic Against Janet HE & FE 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	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	12 Month Rolling Availability
Canterbury Christ Church University, Broadstairs Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Canterbury Christ Church University, Canterbury Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Canterbury Christ Church University, Cornwallis Building	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Canterbury Christ Church University, Salomans Centre												100%	<12 Months
East Kent College, Broadstairs Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
East Kent College, Canterbury Campus						100%	100%	100%	100%	100%	100%	100%	<12 Months
East Kent College, Dover Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
East Kent College, Folkestone Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
East Kent College, Sheppy Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hadlow College, Canterbury Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hadlow College, Greenwich Campus	100%	100%	100%	98.90%	100%	100%	100%	100%	100%	100%	100%	100%	99.91%
Hadlow College, Hadlow Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hadlow College, Mottingham Campus	100%	100%	100%	98.90%	100%	100%	100%	100%	100%	100%	100%	100%	99.91%
MidKent College, Maidstone Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MidKent College, Ormskirk	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	>99.99%	>99.99%
North Kent College, Dartford Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
North Kent College, Gravesend Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The London Institute of Banking & Finance, Kent Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University for the Creative Arts, Canterbury Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University for the Creative Arts, Rochester Campus *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Greenwich, Intersite: Dreadnought Building to Chatham	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Greenwich, The Universities at Medway	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Kent, Canterbury Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Service	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	12 Month Rolling Availability
University of Kent, CCCU Rochester House	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Kent, Tonbridge Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of London, Maidstone Studios	100%	99.81%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.98%
West Kent and Ashford College, Elwick Road												100%	<12 Months
West Kent and Ashford College, Tonbridge Campus	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
MidKent College, Ormskirk, Medway Campus	03/05/2019 08:33	03/05/2019 08:36	00:00	00:03	Regional Network Equipment	KPSN Hardware crashed
Hadlow College, Mottingham Campus	30/05/2019 23:19	31/05/2019 01:20	00:00	02:01	Customer Environment	Local area power outage
Canterbury Christ Church University, Cornwallis Building	31/05/2019 17:21	31/05/2019 19:11	00:00	01:50	Unknown reason for outage	Unknown

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	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19
Canterbury Christ Church University, Broadstairs Campus	1Gbit/s	1%	6%	1%	<0.5%	1%	1%	1%	1%	1%	1%	<0.5%	<0.5%
Canterbury Christ Church University, Canterbury Campus	4Gbit/s	14%	9%	6%	35%	38%	40%	34%	31%	39%	39%	33%	29%
Canterbury Christ Church University, Cornwallis Building	4Gbit/s	<0.5%	<0.5%	<0.5%	1%	1%	1%	<0.5%	1%	<0.5%	<0.5%	<0.5%	<0.5%
Canterbury Christ Church University, Salomans Centre	1Gbit/s												1%
East Kent College, Broadstairs Campus	1Gbit/s	4%	1%	1%	3%	4%	4%	4%	4%	4%	4%	2%	5%
East Kent College, Canterbury Campus	1Gbit/s						27%	26%	29%	28%	30%	19%	27%
East Kent College, Dover 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%	<0.5%
East Kent College, Folkestone Campus	1Gbit/s	9%	3%	3%	7%	9%	10%	9%	9%	9%	9%	6%	7%
East Kent College, Sheppy Campus	100Mbit/s					<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Hadlow College, Canterbury Campus	100Mbit/s	18%	5%	2%	8%	11%	13%	5%	15%	13%	16%	10%	14%
Hadlow College, Greenwich Campus	100Mbit/s	4%	2%	1%	3%	3%	4%	2%	3%	3%	4%	2%	3%
Hadlow College, Hadlow 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%	<0.5%
Hadlow College, Mottingham Campus	100Mbit/s	17%	4%	2%	7%	11%	15%	4%	14%	13%	15%	8%	13%
MidKent College, Maidstone Campus	1Gbit/s	10%	3%	2%	10%	12%	13%	12%	13%	12%	14%	8%	11%
MidKent College, Ormskirk, Medway Campus	1Gbit/s	18%	9%	4%	19%	22%	24%	22%	25%	24%	28%	19%	22%
North Kent College, Dartford Campus	1Gbit/s	17%	3%	3%	14%	23%	29%	21%	28%	27%	29%	27%	30%
North Kent College, Gravesend Campus	1Gbit/s	7%	3%	1%	5%	7%	10%	8%	10%	9%	11%	9%	10%
The London Institute of Banking & Finance, Kent Campus	40Mbit/s	39%	39%	35%	51%	61%	60%	48%	55%	52%	59%	246%	246%
University for the Creative Arts, Canterbury Campus	1Gbit/s	2%	2%	2%	6%	10%	10%	6%	10%	10%	13%	10%	10%
University for the Creative Arts, Rochester Campus	1Gbit/s	3%	2%	2%	8%	11%	11%	7%	10%	9%	12%	9%	8%
University for the Creative Arts, Rochester 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%	<0.5%
University of Greenwich, Intersite: Dreadnought Building to Chatham	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 Greenwich, The Universities at Medway	2Gbit/s	5%	4%	5%	8%	10%	10%	7%	9%	7%	6%	5%	4%
University of Kent, Canterbury Campus	10Gbit/s	36%	10%	10%	40%	48%	50%	46%	50%	51%	52%	32%	43%

Connection	Current Bandwidth	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19
University of Kent, CCCU Rochester House	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 Kent, Tonbridge Campus	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%
University of London, Maidstone Studios	1Gbit/s	30%	41%	39%	43%	46%	57%	58%	58%	58%	58%	59%	66%
West Kent and Ashford College, Tonbridge Campus	1Gbit/s	12%	3%	2%	6%	11%	14%	6%	14%	13%	15%	9%	13%