

Qwest Corporation (Qwest or CTL-Q) Performance Results

Washington October 2018 - October 2018

Statistical parameters used to calculate whether PAP standards have been met or missed, and any applicable PAP payments, are sometimes required to be different than those used to calculate performance in this report. See the Reading Reports link on CenturyLink's Wholesale Website for details.

December 12, 2018

CenturyLink QC Performance Results - Current 271 PID

CenturyLink Confidential

Month	State	Carrier	PID Category	PID	PID Title	Product Category		Benchmark	CLEC Numerator	CLEC Denominator	CLEC Result	CLEC Standard Deviation	CTL-Q Numerator	CTL-Q Denominator	CTL-Q Result	CTL-Q Standard Deviation	Modified Z Score	Parity Score
October 2018 October 2018			Pre-Ordering Billing	PO-3X BI-3A	Electronic LSRs Rejected Manually Billing Accuracy - Adjustments for Errors	Product Aggregate UNEs and Resale Aggregate	Diagnostic Diagnostic											-
October 2018			Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53.046	99.46%	7.32%	-0.375328	-1.22818
October 2018			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A				0.0076	52,700	49,827	0.00%	0.63%	-0.373326	
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Residence	Parity	N/A					3,284	255,619	1.28%	11.26%	-0.114081	
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR	LIS Trunk	Parity	N/A				0.00%						
October 2018	WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS	LIS Trunk	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
October 2018	WA		Pre-Ordering	PO-5D	FOCs provided for ASRs requesting LIS Trunks.	LIS Trunk	Benchmark	85.00%										
October 2018			Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic											
October 2018			Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				7.60%	52,760	53,046	99.46%	7.32%	-0.269101	
October 2018			Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	2	3	66.67%	47.14%	-0.612372	
October 2018			Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				43.30%	1	2	50.00%	50.00%	-0.253347	
October 2018			Maintenance and Repair	MR-5B	All Troubles Cleared w/i 4 Hours-Zone 2	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	4	6	66.67%	47.14%	-0.866025	
October 2018			Maintenance and Repair	MR-6D MR-6D	Mean Time to Restore Interval Zone 1 Mean Time to Restore Interval Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A N/A				0:00	21:52 17:55	3	7:17 8:57	8:06	-0.63433	
October 2018 October 2018			Maintenance and Repair	MR-6D MR-6D	Mean Time to Restore Interval Zone 1 Mean Time to Restore Interval Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A N/A				5:09	75614:27	2 2 700		10:43	-0.074553	
			Maintenance and Repair	MR-6D MR-6F		Unbundled Loop Analog	Parity	N/A N/A				3:29 1:58		2,722	27:47	48:08	-1.013302	
October 2018 October 2018			Maintenance and Repair	MR-7D	Mean Time to Restore Interval Zone 2 Repair Repeat Report Rate-Zone 1	Enhanced Extended Loops - DS1 Capable Enhanced Extended Loops - DS1 Capable	Parity Parity	N/A N/A				0.00%	18:09	5	3:38	0:59	-1.753772	-2.06621
October 2018			Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	0	3	0.00%	0.00%		_
October 2018			Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop Analog	Parity	N/A				0.00%	424	3,234	13.11%	33.75%	-0.867919	-1.52765
October 2018			Maintenance and Repair	MR-7E	Repair Repeat Report Rate-Zone 2	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	0	5,234	0.00%	0.00%	*0.007919	-1.52700
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Enhanced Extended Loops - DS1 Capable Enhanced Extended Loops - DS1 Capable	Parity	N/A				28.75%	9	1,931	0.47%	6.81%	3.135325	0.90614
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Residence	Parity	N/A				20.1370	3,284	255,619	1.28%	11.26%	-0.114081	
October 2018			Maintenance and Repair	MR-8	Trouble Rate	UNBUNDLED LOOP - ADSL COMPATIBLE	Parity	N/A					3,204	898	0.33%	5.77%	-0.625172	
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					3	898	0.33%	5.77%	-1.29608	
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - DS1 Capable	Parity	N/A				8.03%	8	1.982	0.40%	6.34%	0.840126	
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - XDSLi	Parity	N/A					9	2,221	0.41%	6.35%	-0.063772	
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop Analog	Parity	N/A				3.69%	4.037	390.304	1.03%	10.12%	-5.341986	-4.24769
October 2018	WA		Ordering and Provisioning	OP-3D	Interval Zone 1 Areas	Unbundled Loop - 2 Wire Non-Loaded	Benchmark	90.00%										
October 2018	WA		Ordering and Provisioning	OP-3D	Interval Zone 1 Areas	Unbundled Loop Analog	Benchmark	90.00%										
October 2018	WA		Ordering and Provisioning		Interval Zone 1 Areas	Unbundled Loop - 2 Wire Non-Loaded	Benchmark	6.00										
October 2018	WA		Ordering and Provisioning	OP-4D	Interval Zone 1 Areas	Unbundled Loop Analog	Benchmark	6.00										
October 2018	WA		Ordering and Provisioning	OP-5A	New Service Installation Quality	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0.00%	1	1	100.00%	0.00%		
October 2018	WA		Ordering and Provisioning	OP-5A	New Service Installation Quality	Unbundled Loop Analog	Parity	N/A				0.00%	1,373	1,479	92.83%	25.79%	-0.480771	-1.29228
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	Unbundled Loop Aggregate	Diagnostic	N/A										
October 2018			Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic											
October 2018			Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Unbundled Loop Aggregate	Diagnostic											
October 2018			Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic											
October 2018			Pre-Ordering	PO-5A-(a)	FOCs on Time for Fully Electronic LSRs	Resale Aggregate	Benchmark											
October 2018			Pre-Ordering	PO-5A-(b)	FOCs on Time for Fully Electronic LSRs	Unbundled Loop AGG-EELs	Benchmark											
October 2018			Pre-Ordering	PO-5B-(b)	FOCs on Time for Electronic/Manual LSRs	Unbundled Loop AGG-EELs	Benchmark											
October 2018			Pre-Ordering	PO-9B	Unbundled Loops	Unbundled Loops and Number Portability	Parity	N/A				50.00%	1	65	1.54%	12.31%	-5.484725	-4.33447
October 2018			Pre-Ordering	PO-2A	All Electronic LSRs	Unbundled Loop Aggregate	Diagnostic											-
October 2018			Pre-Ordering	PO-2B PO-3X	All Flow-through Eligible LSRs	Unbundled Loop Aggregate	Diagnostic											-
October 2018			Pre-Ordering	PO-3X PO-5B-(b)	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic											-
October 2018 October 2018			Pre-Ordering Billing	BI-3A	FOCs on Time for Electronic/Manual LSRs Billing Accuracy - Adjustments for Errors	Unbundled Loop AGG-EELs UNEs and Resale Aggregate	Benchmark Diagnostic											-
October 2018 October 2018			Billing	BI-3A BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate UNEs and Resale Aggregate	Parity	N/A N/A				0.00%	52,760	53,046	99.46%	7.32%	-U 654345	-1.37955
October 2018			Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				43.30%	32,700	2 2	50.00%	50.00%	-0.024313	
October 2018			Maintenance and Repair	MR-5B	All Troubles Cleared w/i 4 Hours-Zone 2	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	4	6	66.67%	47.14%	-1.167748	
October 2018			Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				4:52	17:55	2	8:57	10:43	-0.275758	
October 2018			Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop Analog	Parity	N/A				8:56	75614:27	2.722	27:47	48:08	-0.459098	
October 2018			Maintenance and Repair	MR-6E	Mean Time to Restore Interval Zone 2	Unbundled Loop - DS1 Capable	Parity	N/A				1:05	18:09	5	3:38	0:59	-2.037744	
October 2018			Maintenance and Repair	MR-6E	Mean Time to Restore Interval Zone 2	Unbundled Loop Analog	Parity	N/A				2:32	28005:55	690	40:35	94:53	-1.024418	
October 2018	WA		Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				43.30%	0	3	0.00%	0.00%	1.204047	-0.26799
October 2018	WA		Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop Analog	Parity	N/A				0.00%	424	3,234	13.11%	33.75%	-0.549175	-1.33387
October 2018	WA		Maintenance and Repair	MR-7E	Repair Repeat Report Rate-Zone 2	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	0	6	0.00%	0.00%		
October 2018	WA		Maintenance and Repair	MR-7E	Repair Repeat Report Rate-Zone 2	Unbundled Loop Analog	Parity	N/A				0.00%	101	803	12.58%	33.16%	-0.999209	-1.60747
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	Enhanced Extended Loops - DS1 Capable	Parity	N/A					9	1,931	0.47%	6.81%	-0.438729	-1.26672
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.119779	-1.0728
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	UNBUNDLED LOOP - ADSL COMPATIBLE	Parity	N/A					3	898	0.33%	5.77%	-0.619035	-1.37634
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					3	898	0.33%	5.77%	-1.116614	-1.67885
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - DS1 Capable	Parity	N/A				13.92%	8	1,982	0.40%	6.34%	2.968914	0.80497
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop Analog	Parity	N/A				6.04%	4,037	390,304	1.03%	10.12%	-3.269507	-2.98771
October 2018	10/0		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR	LIS Trunk	Parity	N/A				0.00%						

	State	Carrier	PID Category	PID	PID Title	Product Category		Benchmark	CLEC Numerator	CLEC Denominator	CLEC Result	CLEC Standard Deviation	CTL-Q Numerator	CTL-Q Denominator	CTL-Q Result	CTL-Q Standard Deviation	Modified Z Score	Parity Score
October 2018 October 2018			Network Performance Ordering and Provisioning	NI-1C OP-3D	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS Interval Zone 1 Areas	UNBUNDLED LOOP - ADSL COMPATIBLE	Diagnostic Benchmark											
October 2018			Ordering and Provisioning		Interval Zone 1 Areas	Unbundled Loop Analog	Benchmark											
October 2018			Ordering and Provisioning		Interval Zone 2 Areas	Unbundled Loop - 2 Wire Non-Loaded	Benchmark											
October 2018			Ordering and Provisioning		Interval Zone 2 Areas	Unbundled Loop - DS1 Capable		N/A				0.00%	0	- 1	0.00%	0.00%		
October 2018			Ordering and Provisioning		Interval Zone 2 Areas	Unbundled Loop Analog	Benchmark					0.0070			0.0070	0.0070		
October 2018			Ordering and Provisioning		Interval Zone 1 Areas	UNBUNDLED LOOP - ADSL COMPATIBLE	Benchmark											
October 2018			Ordering and Provisioning		Interval Zone 1 Areas	Unbundled Loop Analog	Benchmark											
October 2018			Ordering and Provisioning		Interval Zone 2 Areas	Unbundled Loop - 2 Wire Non-Loaded	Benchmark											
October 2018			Ordering and Provisioning		Interval Zone 2 Areas	Unbundled Loop - DS1 Capable	Benchmark											
October 2018			Ordering and Provisioning		Interval Zone 2 Areas	Unbundled Loop Analog	Benchmark											
October 2018			Ordering and Provisioning		New Service Installation Quality	UNBUNDLED LOOP - ADSL COMPATIBLE		N/A				0.00%	1	- 1	100.00%	0.00%	0	
October 2018			Ordering and Provisioning		New Service Installation Quality	Unbundled Loop - 2 Wire Non-Loaded		N/A				0.00%	1	1	100.00%	0.00%	0	-
October 2018			Ordering and Provisioning		New Service Installation Quality	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	3	3	100.00%	0.00%		
October 2018					New Service Installation Quality	Unbundled Loop Analog		N/A				0.00%	1.373	-	92.83%	25.79%	-0.679226	-1.4129
October 2018			Ordering and Provisioning	PO-2A		I NP		N/A				0.00%	1,3/3	1,479	92.83%	25.79%	-0.679226	-1.4129
			Pre-Ordering															
October 2018			Pre-Ordering	PO-2A PO-2B	All Electronic LSRs	Unbundled Loop Aggregate	Diagnostic											
October 2018			Pre-Ordering		7 III 7 IOW UNOUGHT ENGINEE EOT (O	Litti	Diagnostic											
October 2018			Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Unbundled Loop Aggregate	Diagnostic											
October 2018			Pre-Ordering	PO-5A-(b)	FOCs on Time for Fully Electronic LSRs	Unbundled Loop AGG-EELs	Benchmark											
October 2018			Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
October 2018			Pre-Ordering	PO-5B-(b)	FOCs on Time for Electronic/Manual LSRs	Unbundled Loop AGG-EELs	Benchmark											
October 2018			Pre-Ordering	PO-9B	Unbundled Loops	Unbundled Loops and Number Portability	Parity	N/A				0.00%	1	65	1.54%	12.31%		-2.144778
October 2018			Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.335746	
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.00%						-3
October 2018			Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR exc		Parity	N/A				0.00%						-3
October 2018	WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS	LIS Trunk	Diagnostic	N/A										
October 2018	WA		Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR ex	LIS Trunk	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark											
October 2018	WA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
October 2018			Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
October 2018	WA		Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate		N/A				0.00%	52,760	53.046	99.46%	7.32%	-0.32087	-1.195075
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Residence		N/A					3,284		1.28%	11.26%	-0.114081	
October 2018			Pre-Ordering	PO-2A	All Electronic LSRs	Resale Aggregate W/O UNE-P-POTS		N/A										
October 2018			Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Resale Aggregate W/O UNE-P-POTS	. 5	N/A										
October 2018			Pre-Ordering	PO-5A-(a)	FOCs on Time for Fully Electronic LSRs	Resale Aggregate	Benchmark											
October 2018			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
October 2018			Billing	BI-4A	3, ,,	UNEs and Resale Aggregate		N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.329203	-1.200141
October 2018			Pre-Ordering	PO-2A	All Electronic LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic					0.0070	02,700	00,010	00.1070	7.0270	0.020200	1.200111
October 2018			Maintenance and Repair	MR-8		LIS Trunk		N/A					2	49.827	0.00%	0.63%	-0.10721	-1.065179
October 2018			Billing	BI-3A	Billing Accuracy - Adjustments for Errors		Diagnostic							43,027	0.0070	0.0370	-0.10721	-1.005173
October 2018				BI-4A		UNEs and Resale Aggregate		N/A				0.00%	52.760	53.046	99.46%	7.32%	-0.499139	-1.303455
October 2018			Billing	BI-3A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity					0.00%	52,760	53,046	99.40%	1.32%	-0.499139	-1.303455
			Billing		Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic							40.007	0.000/	0.000/	0.04000	4.007050
October 2018			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A				0.05	2	49,827	0.00%	0.63%	-0.34206	
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.00%						-3
October 2018			Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR exc		Parity	N/A				0.00%						-3
October 2018			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS			N/A										
October 2018			Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR ex		. 5											
October 2018			Ordering and Provisioning		Number Portability Timeliness without Loop Coor		Benchmark											
October 2018			Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic											
October 2018			Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic											
October 2018			Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
October 2018			Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
October 2018	WA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
October 2018	WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
October 2018			Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate		N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.882314	-1.536409
October 2018			Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Unbundled Loop - 2 Wire Non-Loaded		N/A										
October 2018	WA		Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				50.00%	1	2	50.00%	50.00%	0	-1
October 2018			Maintenance and Repair	MR-5B	All Troubles Cleared w/i 4 Hours-Zone 2	Unbundled Loop - DS1 Capable	Parity	N/A				50.00%	4		66.67%	47.14%	-0.366106	
October 2018			Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				2:13	37:10	3	12:23	7:36	-1.584472	
October 2018			Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				3:12	17:55		8:57	10:43	-0.423953	
October 2018			Maintenance and Repair	MR-6E	Mean Time to Restore Interval Zone 2	Unbundled Loop - DS1 Capable	Parity	N/A				10:45	18:09		3:38	0:59	0.962099	
October 2018				MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0.00%	16.09		33.33%	47.14%		-0.415065
OCIUDEI 2018	VVA		Maintenance and Repair	IVIK-7D	перан переан кероп кане-допе т	Unbunuled Loop - 2 Wife Noti-Loaded	ranty	IWA				0.00%	1	3	33.33%	41.14%	-0.000025	-1.52650

		Carrier	PID Category	PID	PID Title	Product Category	Standard	Benchmark	CLEC Numerator	CLEC Denominator	CLEC Result	CLEC Standard Deviation	CTL-Q Numerator	CTL-Q Denominator	CTL-Q Result	CTL-Q Standard Deviation	Modified Z Score	Parity Score
October 2018 V			Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	0	3	0.00%	0.00%		
October 2018 V			Maintenance and Repair	MR-7E	Repair Repeat Report Rate-Zone 2	Unbundled Loop - DS1 Capable	Parity	N/A				50.00%	0	-	0.00%	0.00%	0.67449	
October 2018 V			Maintenance and Repair Maintenance and Repair	MR-8 MR-8	Trouble Rate Trouble Rate	Unbundled Loop - 2 Wire Non-Loaded Unbundled Loop - DS1 Capable	Parity Parity	N/A N/A				4.23% 13.42%	8	1,982	0.33%	5.77% 6.34%	-0.646768 1.968473	
October 2018 V			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - XDSLi	Parity	N/A				13.42%	9		0.40%	6.35%	-0.201258	
October 2018 V			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop Analog	Parity	N/A					4.037	390.304	1.03%	10.12%		2 -1.06215
October 2018 V			Ordering and Provisioning		Interval Zone 1 Areas	Unbundled Loop - 2 Wire Non-Loaded	Benchmark						4,037	390,304	1.03%	10.12%	-0.102232	-1.06215
October 2018 V			Ordering and Provisioning		Interval Zone 2 Areas	Unbundled Loop - 2 Wire Non-Loaded	Benchmark											
October 2018 V			Ordering and Provisioning		Interval Zone 1 Areas	Unbundled Loop - 2 Wire Non-Loaded	Benchmark											
October 2018 V			Ordering and Provisioning		New Service Installation Quality	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0.00%	1	1	100.00%	0.00%		_
October 2018 V			Pre-Ordering	PO-2A	All Electronic LSRs	Unbundled Loop Aggregate	Diagnostic	14071				0.00%		- '	100.0076	0.00%		
October 2018 V			Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Unbundled Loop Aggregate	Diagnostic											
October 2018 V			Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic											_
October 2018 V			Pre-Ordering	PO-5A-(b)	FOCs on Time for Fully Electronic LSRs	Unbundled Loop AGG-EELs	Benchmark											
October 2018 V			Pre-Ordering	PO-5B-(b)	FOCs on Time for Electronic/Manual LSRs	Unbundled Loop AGG-EELs	Benchmark											_
October 2018 V			Pre-Ordering	PO-9B	Unbundled Loops	Unbundled Loops and Number Portability	Parity	N/A				0.00%	1	65	1.54%	12.31%	-0.887147	7 -1.53934
October 2018 V			Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic					0.0070	· '	00	1.5470	12.5170	-0.007 147	-1.55554
October 2018 V			Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.20823	3 -1.12659
October 2018 V			Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	2		66.67%	47.14%		2 -1.37229
October 2018 V			Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				50.00%	1		50.00%	50.00%	-0.012372	
October 2018 V			Maintenance and Repair	MR-5B	All Troubles Cleared w/i 4 Hours-Zone 2	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	4		66.67%	47.14%	-0.654654	
October 2018 V			Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Enhanced Extended Loops - DS1 Capable		N/A				0:00	21:52		7:17	8:06	-0.63967	
October 2018 V			Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop - DS1 Capable	Parity Parity	N/A				10:45	17:55	2	8:57	10:43		-1.30009
				MR-6E			-	N/A							3:38	0:59		
October 2018 V			Maintenance and Repair	MR-7D	Mean Time to Restore Interval Zone 2	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0:00	18:09			0.00%	-1.269616	-1.77187
October 2018 V			Maintenance and Repair		Repair Repeat Report Rate-Zone 1	Enhanced Extended Loops - DS1 Capable	Parity						0	-	0.00%		0.050047	0.04507
October 2018 V			Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				50.00%	-	-	0.00%	0.00%	0.253347	-0.84597
October 2018 V			Maintenance and Repair	MR-7E	Repair Repeat Report Rate-Zone 2	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	0		0.00%	0.00%		
October 2018 V			Maintenance and Repair	MR-8	Trouble Rate	Enhanced Extended Loops - DS1 Capable	Parity	N/A				10.60%	9		0.47%	6.81%	0.730073	
October 2018 V			Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2		0.00%	0.63%	-0.246717	
October 2018 V			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - DS1 Capable	Parity	N/A				21.30%	8	1,982	0.40%	6.34%	2.119441	0.28852
October 2018 V			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.00%						-3
October 2018 V			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS			N/A										
October 2018 V			Ordering and Provisioning	OP-3E	Interval Zone 2 Areas	Enhanced Extended Loops - DS1 Capable	Benchmark											
October 2018 V			Pre-Ordering	PO-2A		LNP	Diagnostic											
October 2018 V			Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic											
October 2018 V			Pre-Ordering	PO-5A-(b)	FOCs on Time for Fully Electronic LSRs	Unbundled Loop AGG-EELs	Benchmark											
October 2018 V			Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
October 2018 V			Pre-Ordering	PO-5B-(b)		Unbundled Loop AGG-EELs	Benchmark											
October 2018 V	NA		Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coor	LNP	Benchmark	95.00%										
October 2018 V	NA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018 V			Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018 V			Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic											
October 2018 V	VA		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
October 2018 V	NA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
October 2018 V	NA		Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Cool	LNP	Benchmark	95.00%										
October 2018 V	NA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018 V	NA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018 V	NA		Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
October 2018 V	NA		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
October 2018 V	NA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
October 2018 V	NA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
October 2018 V			Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-1.327303	-1.80694
October 2018 V	NA		Pre-Ordering	PO-2A	All Electronic LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A										
October 2018 V	NA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic											
October 2018 V			Pre-Ordering	PO-5A-(a)	FOCs on Time for Fully Electronic LSRs	Resale Aggregate	Benchmark	95.00%										
October 2018 V			Maintenance and Repair	MR-8	Trouble Rate	SUB-LOOP UNBUNDLING	Parity	N/A					9	2,230	0.40%	6.34%	-0.155718	-1.0946
October 2018 V	NA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
October 2018 V	NA		Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.611185	-1.37157
October 2018 V	NA		Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	1	2	50.00%	50.00%	-1	-1.60795
October 2018 V	NA		Maintenance and Repair	MR-5B	All Troubles Cleared w/i 4 Hours-Zone 2	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	4	6	66.67%	47.14%	0.180012	-0.8905
October 2018 V			Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				0:50	17:55	-	8:57	10:43	-0.619204	
October 2018 V			Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop Analog	Parity	N/A				1:45	75614:27	2,722	27:47	48:08		-1.54867
October 2018 V			Maintenance and Repair	MR-6E	Mean Time to Restore Interval Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0:00	18:09	5	3:38	0:59		-0.52848
October 2018 V			Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	10.09		0.00%	0.00%	0.113313	0.02040
October 2018 V			Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop Analog	Parity	N/A				0.00%	424	Ü	13.11%	33.75%	-0.672405	-1.40884
			Maintenance and Repair	MR-7D MR-7E		Enhanced Extended Loops - DS1 Capable		N/A				0.00%	424		0.00%	0.00%	-0.072495	-1.40064
			mantenance and Repair	IVIPS=7 E	Repair Repeat Report Rate-Zone 2		Parity											
October 2018 V			Maintananan 1 D 1	MD 0														
	NA		Maintenance and Repair Maintenance and Repair	MR-8 MR-8	Trouble Rate Trouble Rate	Enhanced Extended Loops - DS1 Capable LIS Trunk	Parity Parity	N/A N/A				11.47%	9	1,931 49.827	0.47%	6.81% 0.63%	0.474839	-0.71131 -1.26171

Month October 2018	State	Carrier	PID Category Maintenance and Repair	PID MR-8	PID Title Trouble Rate	Unbundled Loon	Product Category		Benchmark N/A	CLEC Numerator	CLEC Denominator	CLEC Result	CLEC Standard Deviation	CTL-Q Numerator	CTL-Q Denominator	CTL-Q Result 0.33%	CTL-Q Standard Deviation 5.77%	Modified Z Score -1.360862	Parity Score
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop			N/A				8.44%	8	1,982	0.40%	6.34%	0.371873	
October 2018			Maintenance and Repair	MR-8		Unbundled Loop		Parity	N/A				4.89%	4,037	390.304	1.03%	10.12%		3 -2.68484
ctober 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Allalog	Parity	N/A				0.00%	4,037	330,304	1.0070	10.1270	-2.771020	-2.0040
ctober 2018	****		Network Performance	NI-1B	Trunk Blockage to CTL-Q Find Ofc wi TGSR excl			Parity	N/A				0.00%						
October 2018			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI			Diagnostic					0.0070						_
October 2018			Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR ex			Diagnostic											_
October 2018			Ordering and Provisioning		Interval Zone 1 Areas		- 2 Wire Non-Loaded	Benchmark											_
October 2018			Ordering and Provisioning		Interval Zone 1 Areas	Unbundled Loop		Benchmark											_
October 2018			Ordering and Provisioning			LIS Trunk	77 tidiog		N/A				0.00%	3	3	100.00%	0.00%		_
October 2018			Ordering and Provisioning		Interval Zone 1 Areas		- 2 Wire Non-Loaded	Benchmark					0.0070	Ü	Ü	100.0070	0.0070		_
October 2018			Ordering and Provisioning		Interval Zone 1 Areas	Unbundled Loop		Benchmark											_
October 2018			Ordering and Provisioning			Unbundled Loop		Benchmark											-
October 2018			Ordering and Provisioning			LIS Trunk	, raiding		N/A				0.00%	5	5	100.00%	0.00%		_
October 2018			Ordering and Provisioning				- 2 Wire Non-Loaded		N/A				0.00%	1	1	100.00%	0.00%		_
October 2018			Ordering and Provisioning		New Service Installation Quality	Unbundled Loop			N/A				0.00%	3	3	100.00%	0.00%		_
October 2018			Ordering and Provisioning			Unbundled Loop			N/A				43.30%	1.373	1.479	92.83%	25.79%	0.646189	0.6074
October 2018	****		Ordering and Provisioning		Number Portability Timeliness without Loop Coor		Allalog	Benchmark					43.30 /6	1,373	1,475	92.0370	23.7970	0.040109	*0.007
October 2018				PO-2A	All Electronic LSRs	INP													-
October 2018 October 2018			Pre-Ordering		All Electronic LSRs All Electronic LSRs	-141	A	Diagnostic											-
			Pre-Ordering	PO-2A		Unbundled Loop	Aggregate	Diagnostic											-
October 2018			Pre-Ordering	PO-2B				Diagnostic											-
October 2018			Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Unbundled Loop		Diagnostic											-
October 2018			Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggrega		Diagnostic											-
October 2018			Pre-Ordering	PO-5A-(b)	FOCs on Time for Fully Electronic LSRs	Unbundled Loop	AGG-EELs	Benchmark											
October 2018			Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP		Benchmark											
October 2018	****		Pre-Ordering	PO-5B-(b)	FOCs on Time for Electronic/Manual LSRs	Unbundled Loop	AGG-EELs	Benchmark											
October 2018			Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP		Benchmark											
October 2018			Pre-Ordering	PO-5D	FOCs provided for ASRs requesting LIS Trunks.			Benchmark											
October 2018	****		Pre-Ordering	PO-9B	Unbundled Loops		s and Number Portability		N/A				0.00%	1	65	1.54%	12.31%	-1.704781	
October 2018	WA		Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resa	ile Aggregate		N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.147246	-1.089
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk			N/A					2	49,827	0.00%	0.63%	-0.148036	6 -1
October 2018	WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR	LIS Trunk		Parity	N/A				0.00%						
October 2018	WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI	LIS Trunk		Diagnostic	N/A										
October 2018	WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resa	le Aggregate	Diagnostic	N/A										
October 2018	WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resa	ile Aggregate	Diagnostic	N/A										
October 2018	WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resa	le Aggregate	Diagnostic	N/A										
October 2018	WA		Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resa	le Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.6901	-1.4195
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	Residence		Parity	N/A					3,284	255,619	1.28%	11.26%	-0.114081	-1.0693
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	Resale Aggrega	ite W/O UNE-P-POTS	Diagnostic	N/A										-
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Resale Aggrega	ite W/O UNE-P-POTS	Diagnostic	N/A										-
October 2018	WA		Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggrega	ate	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-5A-(a)	FOCs on Time for Fully Electronic LSRs	Resale Aggrega	ite	Benchmark	95.00%										
October 2018	WA		Pre-Ordering	PO-5B-(a)		Resale Aggrega		Benchmark	90.00%										_
October 2018	WA		Billing	BI-3A		UNEs and Resa		Diagnostic	N/A										_
October 2018	WA		Maintenance and Repair	MR-8		LIS Trunk			N/A					2	49.827	0.00%	0.63%	-0.199533	-1 1213
October 2018	****		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR				N/A				0.00%	-	10,021	0.0070	0.0070	0.100000	1.1210
October 2018			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI				N/A				0.0070						_
October 2018				OP-3E	Interval Zone 2 Areas	LIS Trunk			N/A				0.00%	3	3	100.00%	0.00%		_
October 2018			Ordering and Provisioning	OP-5A	New Service Installation Quality	LIS Trunk			N/A				0.00%	5	5	100.00%	0.00%		-
October 2018			Maintenance and Repair	MR-8		LIS Trunk			N/A				0.00%	2	49,827	0.00%	0.63%	-0.165991	1 -1.1009
October 2018 October 2018			Network Performance	NI-1A					N/A				0.00%	2	49,027	0.00%	0.03%	-0.100991	-1.1008
October 2018 October 2018			Network Performance Network Performance	NI-1A NI-1C	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI			Parity	N/A N/A				0.00%						-
							In Annanata	. 5	N/A										-
October 2018			Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resa	ne Aggregate								055.51	4		0.0==	4 1 2 2
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Residence	I. A		N/A					3,284	255,619	1.28%	11.26%	-0.279437	-1.1698
October 2018			Billing	BI-3A		UNEs and Resa		Diagnostic											-
October 2018	****		Billing	BI-3A		UNEs and Resa		Diagnostic											
October 2018			Billing	BI-4A		UNEs and Resa	ile Aggregate		N/A				7.25%	52,760	53,046	99.46%	7.32%	-0.030332	
October 2018			Maintenance and Repair	MR-5X	Out of Service cleared w/i 24 hours	Business		- unity	N/A				0.00%	421	624	67.47%	46.85%	-0.69384	
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Residence		Parity	N/A					3,284	255,619	1.28%	11.26%	-0.114081	-1.0693
October 2018			Pre-Ordering	PO-2A	All Electronic LSRs		ite W/O UNE-P-POTS	Diagnostic											
October 2018			Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Resale Aggrega	ite W/O UNE-P-POTS	Diagnostic											
October 2018	WA		Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggrega	ate	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-5A-(a)	FOCs on Time for Fully Electronic LSRs	Resale Aggrega	ite	Benchmark	95.00%										
October 2018	WA		Pre-Ordering	PO-5B-(a)	FOCs on Time for Electronic/Manual LSRs	Resale Aggrega	ite	Benchmark	90.00%										
October 2018	WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resa	le Aggregate	Diagnostic	N/A										
October 2018			Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resa			N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.104121	-1.0633
October 2018	WA		Maintenance and Repair	MR-5X		Business			N/A				0.00%	421	624	67.47%	46.85%	-0.69384	-1.4218
			Pre-Ordering	PO-2A	All Flectronic I SRs		ite W/O UNE-P-POTS	Diagnostic					2.2270						12.0
October 2018	WA																		

Month	State	Carrier	PID Category	PID	PID Title	Product Category		Benchmark	CLEC Numerator	CLEC Denominator	CLEC Result	CLEC Standard Deviation	CTL-Q Numerator	CTL-Q Denominator	CTL-Q Result	CTL-Q Standard Deviation	Modified Z Score	Parity Score
October 2018			Pre-Ordering	PO-5A-(a) BI-3A		Resale Aggregate	Benchmark											
October 2018 October 2018			Billing Billing	BI-3A BI-4A		UNEs and Resale Aggregate UNEs and Resale Aggregate	Diagnostic	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.232804	-1.141535
October 2018			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A				0.00%	32,700		0.00%	0.63%	-0.232604	-1.05327
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.00%	-	10,027	0.0070	0.0070	0.007021	-:
October 2018	WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI		Diagnostic	N/A										
October 2018				OP-8C	Number Portability Timeliness without Loop Coor		Benchmark											
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018			Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
October 2018			Pre-Ordering	PO-5B-(c)		LNP	Benchmark											
October 2018			Billing	BI-3B		Reciprocal Compensation	Diagnostic											
October 2018	****		Billing	BI-4B		Reciprocal Compensation	Diagnostic								0.00%	0.63%	-0.291323	
October 2018			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A				0.000/	2	49,827	0.00%	0.63%	-0.291323	-1.17/112
October 2018 October 2018			Network Performance	NI-1A NI-1C	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI		Parity	N/A				0.00%						- 3
October 2018			Pre-Ordering	PO-2A		I NP	Diagnostic Diagnostic											
October 2018			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
October 2018			Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.194783	-1.1184
October 2018			Maintenance and Repair	MR-8		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.0070	32,700 Q	1.931	0.47%	6.81%	-0.118432	
October 2018			Maintenance and Repair	MR-8		UNBUNDLED LOOP - ADSL COMPATIBLE		N/A					3	898	0.47 %	5.77%	-0.386919	
October 2018			Pre-Ordering	PO-2A		Unbundled Loop Aggregate	Diagnostic	N/A					3	550	5.0070	5.770	2.200010	2002
October 2018			Pre-Ordering	PO-2B		Unbundled Loop Aggregate	Diagnostic											
October 2018	WA		Pre-Ordering	PO-5A-(b)		Unbundled Loop AGG-EELs	Benchmark											
October 2018	WA		Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coor	LNP	Benchmark	95.00%										
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
October 2018	WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
October 2018	WA		Billing	BI-3B	Billing Accuracy - Adjustments for Errors	Reciprocal Compensation	Diagnostic	N/A										
October 2018	WA		Billing	BI-4B	Reciprocal Compensation (MOU):	Reciprocal Compensation	Diagnostic	N/A										
October 2018			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.462392	-1.281114
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.00%						-3
October 2018			Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR excl		Parity	N/A				0.00%						-3
October 2018			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI		Diagnostic											
October 2018			Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR ex			N/A										
October 2018 October 2018			Billing Billing	BI-3A BI-3B		UNEs and Resale Aggregate Reciprocal Compensation	Diagnostic Diagnostic	N/A N/A										
October 2018			Billing	BI-3B BI-4B	3	Reciprocal Compensation	Diagnostic											
October 2018			Maintenance and Repair	MR-5B		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	1	6	66.67%	47.14%	-0.654654	-1.398001
October 2018			Maintenance and Repair	MR-6E		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0:00	18:09		3:38	0:59	-1.129927	
October 2018			Maintenance and Repair	MR-7F		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	0.03		0.00%	0.00%	-1.123321	-1.000347
October 2018			Maintenance and Repair	MR-8		Enhanced Extended Loops - DS1 Capable	Parity	N/A				21.79%	9	1.931	0.47%	6.81%	1.292305	-0.214335
October 2018			Maintenance and Repair	MR-8		I IS Trunk	Parity	N/A					2		0.00%	0.63%	-0.240826	
October 2018	WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR	LIS Trunk	Parity	N/A				0.00%		-				-3
October 2018	WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI	LIS Trunk	Diagnostic	N/A										
October 2018	WA		Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coor	LNP	Benchmark											
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
October 2018			Pre-Ordering	PO-5B-(c)		LNP	Benchmark											
October 2018			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
October 2018			Billing	BI-4A	33 3 3	UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760		99.46%	7.32%	-0.194783	
October 2018			Maintenance and Repair	MR-5X		Business	Parity	N/A				50.00%	421	624	67.47%	46.85%	-0.115339	
October 2018			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.140405	-1.08536
October 2018			Maintenance and Repair	MR-8		Residence	Parity	N/A					3,284	255,619	1.28%	11.26%	-0.22816	
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.00%						-3
October 2018 October 2018			Network Performance Ordering and Provisioning	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI Interval Zone 1 Areas	LIS Trunk	Diagnostic Parity	N/A N/A				0.00%	2		100.00%	0.00%		
October 2018 October 2018						LIS Trunk	Parity	N/A				0.00%			9.00	0.00%		
October 2018 October 2018			Ordering and Provisioning			LIS Trunk		N/A N/A					9			0.00%		
October 2018 October 2018			Ordering and Provisioning Ordering and Provisioning		New Service Installation Quality Number Portability Timeliness without Loop Coor		Parity Benchmark					0.00%	5	5	100.00%	0.00%		
October 2018				PO-2A		INP												
October 2018			Pre-Ordering Pre-Ordering	PO-2A PO-2B		INP	Diagnostic Diagnostic											
October 2018			Pre-Ordering Pre-Ordering	PO-2B PO-5A-(c)		INP	Benchmark											
October 2018			Pre-Ordering Pre-Ordering	PO-5A-(c)		INP	Benchmark											
October 2018			Pre-Ordering	PO-5D	FOCs provided for ASRs requesting LIS Trunks.	=- ···	Benchmark											
	****		Studing	. 5-55	. Coo provided for more requesting Elo Hulks.	Lie Train	Denominark	00.0070										

Month	State	Carrier	PID Category	PID	PID Title	Product Category	Standard		CLEC Numerator	CLEC Denominator	CLEC Result	CLEC Standard Deviation	CTL-Q Numerator	CTL-Q Denominator	CTL-Q Result	CTL-Q Standard Deviation	Modified Z Score	Parity Score
October 2018 October 2018			Billing Billing	BI-3A BI-4A	Billing Accuracy - Adjustments for Errors UNEs and Resale Aggregate	UNEs and Resale Aggregate UNEs and Resale Aggregate	Diagnostic Parity	N/A N/A				0.00%	52,760	53,046	99.46%	7.32%	-1.082366	-1.658032
October 2018			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic	N/A				0.0070	02,700	00,010	00.1070	7.0270	1.002000	1.000002
October 2018	WA		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.597768	-1.363417
October 2018	WA		Maintenance and Repair	MR-5B	All Troubles Cleared w/i 4 Hours-Zone 2	Enhanced Extended Loops - DS1 Capable	Parity	N/A				50.00%	4	6	66.67%	47.14%	-0.366106	-1.222577
October 2018	WA		Maintenance and Repair	MR-5B	All Troubles Cleared w/i 4 Hours-Zone 2	UNBUNDLED LOOP - ADSL COMPATIBLE	Diagnostic	N/A										
October 2018	WA		Maintenance and Repair	MR-5B	All Troubles Cleared w/i 4 Hours-Zone 2	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	4	6	66.67%	47.14%	-0.654654	-1.398001
October 2018			Maintenance and Repair	MR-6D		Unbundled Loop Analog	Parity	N/A				1:33	75614:27	2,722	27:47	48:08	-1.153026	
October 2018			Maintenance and Repair	MR-6E		Enhanced Extended Loops - DS1 Capable	Parity	N/A				6:31	18:09	5	3:38	0:59	0.407011	-0.752555
October 2018 October 2018	, ,,,,		Maintenance and Repair	MR-6E MR-6F		UNBUNDLED LOOP - ADSL COMPATIBLE	Parity	N/A N/A				0:00	18:09	-	3:38	0.50	-0.493567	4.000000
October 2018			Maintenance and Repair Maintenance and Repair	MR-6E		Unbundled Loop - DS1 Capable Unbundled Loop Analog	Parity Parity	N/A N/A				0:00	28005:55	5 690	40:35	0:59 94:53	-0.543567	
October 2018			Maintenance and Repair	MR-7D		Unbundled Loop Analog	Parity	N/A				48.99%	424	3,234	13.11%	33.75%	1.118467	
October 2018			Maintenance and Repair	MR-7E	The state of the s	Enhanced Extended Loops - DS1 Capable	Parity	N/A				50.00%	0	6	0.00%	0.00%		-0.589939
October 2018			Maintenance and Repair	MR-7E		UNBUNDLED LOOP - ADSL COMPATIBLE	Parity	N/A				0.00%	-	-				
October 2018	WA		Maintenance and Repair	MR-7E	Repair Repeat Report Rate-Zone 2	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	0	6	0.00%	0.00%		
October 2018	WA		Maintenance and Repair	MR-7E	Repair Repeat Report Rate-Zone 2	Unbundled Loop Analog	Parity	N/A				0.00%	101	803	12.58%	33.16%	-0.535756	-1.325716
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	Enhanced Extended Loops - DS1 Capable	Parity	N/A				11.87%	9	1,931	0.47%	6.81%	0.964664	-0.413526
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.116767	-1.070989
October 2018			Maintenance and Repair	MR-8		UNBUNDLED LOOP - ADSL COMPATIBLE	Parity	N/A				33.07%	3	898	0.33%	5.77%	1.813049	
October 2018			Maintenance and Repair	MR-8		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					3	898	0.33%	5.77%	-0.081786	
October 2018			Maintenance and Repair	MR-8		Unbundled Loop - DS1 Capable	Parity	N/A				7.29%	8	1,982	0.40%	6.34%	-0.142046	
October 2018			Maintenance and Repair	MR-8		Unbundled Loop Analog	Parity	N/A				8.64%	4,037	390,304	1.03%	10.12%	-0.84789	
October 2018 October 2018			Network Performance Network Performance	NI-1A NI-1C	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI		Parity Diagnostic	N/A N/A				0.00%						-3
October 2018			Ordering and Provisioning			Unbundled Loop Analog	Benchmark											
October 2018			Ordering and Provisioning			Enhanced Extended Loops - DS1 Capable	Benchmark											
October 2018			Ordering and Provisioning			Unbundled Loop Analog	Benchmark											
October 2018			Ordering and Provisioning			Enhanced Extended Loops - DS1 Capable	Benchmark											
October 2018			Ordering and Provisioning			Unbundled Loop Analog	Parity	N/A				0.00%	1,373	1,479	92.83%	25.79%	-0.277761	-1.168867
October 2018	WA		Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coor	LNP	Benchmark	95.00%										
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018			Pre-Ordering	PO-2A		Unbundled Loop Aggregate	Diagnostic	N/A										
October 2018			Pre-Ordering	PO-2B		LNP	Diagnostic											
October 2018			Pre-Ordering	PO-2B		Unbundled Loop Aggregate	Diagnostic											
October 2018			Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
October 2018			Pre-Ordering Pre-Ordering	PO-5A-(b)		Unbundled Loop AGG-EELs I NP	Benchmark Benchmark											
October 2018 October 2018			Pre-Ordering Pre-Ordering	PO-5A-(c) PO-5B-(b)		Unbundled Loop AGG-EELs	Benchmark											
October 2018			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
October 2018			Billing	BI-3B	Billing Accuracy - Adjustments for Errors	Reciprocal Compensation	Diagnostic											
October 2018	WA		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.104121	-1.063301
October 2018	WA		Billing	BI-4B	Reciprocal Compensation (MOU):	Reciprocal Compensation	Diagnostic	N/A										
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.271045	-1.164784
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	Residence	Parity	N/A					3,284	255,619	1.28%	11.26%	-0.25509	-1.155084
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					3	898	0.33%	5.77%	-0.057864	-1.035179
October 2018			Maintenance and Repair	MR-8		Unbundled Loop Analog	Parity	N/A					4,037	390,304	1.03%	10.12%	-1.861958	
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.00%						-3
October 2018			Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR excl		Parity	N/A				0.00%						-3
October 2018 October 2018			Network Performance Network Performance	NI-1C NI-1D	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI Trunk Blockage to CTL-Q End Ofc w/o TGSR ex		Diagnostic Diagnostic	N/A										
October 2018 October 2018			Ordering and Provisioning		Number Portability Timeliness without Loop Coor		Benchmark											
October 2018			Pre-Ordering	PO-2A		LNP	Diagnostic											
October 2018			Pre-Ordering Pre-Ordering	PO-2A PO-2A		Resale Aggregate W/O UNE-P-POTS	Diagnostic											
October 2018			Pre-Ordering	PO-2A		LNP	Diagnostic											
October 2018			Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
October 2018			Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
October 2018	WA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
October 2018	WA		Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coor	LNP	Benchmark	95.00%										
October 2018	WA		Pre-Ordering	PO-2A		LNP	Diagnostic											
October 2018			Pre-Ordering	PO-2B		LNP	Diagnostic											
October 2018			Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
October 2018			Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
October 2018			Pre-Ordering	PO-5B-(c)		LNP	Benchmark											
October 2018			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic					0.000	50.75	50.04-	00.400	7.000	0.00005-	4.40.40==
October 2018 October 2018			Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.220859	-1.134273
October 2018 October 2018			Pre-Ordering Pre-Ordering	PO-2A PO-2B		LNP	Diagnostic Diagnostic											
October 2018 October 2018			Pre-Ordering Pre-Ordering	PO-2B PO-5A-(c)		LNP	Diagnostic Benchmark											
			rie-Oraering	PU-5A-(C)	roos on time for rully Electronic LSRs	LINE	Benchmark	95.00%										

Month	State	e Carrier	PID Category	PID	PID Title	Product Category	Standard		CLEC Numerator	CLEC Denominator	CLEC Result	CLEC Standard Deviation	CTL-Q Numerator	CTL-Q Denominator	CTL-Q Result	CTL-Q Standard Deviation	Modified Z Score	Parity Score
October 2018 October 2018			Billing Billing	BI-3A BI-4A	Billing Accuracy - Adjustments for Errors UNEs and Resale Aggregate	UNEs and Resale Aggregate UNEs and Resale Aggregate	Diagnostic Parity	N/A N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.588652	-1.35787
October 2018			Maintenance and Repair	MR-5X	Out of Service cleared w/i 24 hours	Business	Parity	N/A				0.00%	421	624	67.47%	46.85%	0.449876	
October 2018			Pre-Ordering	PO-2A		Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A				0.0076	721	024	07.4770	40.0070	0.443070	-0.72043
October 2018			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.498218	-1.30289
October 2018	3 WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR	LIS Trunk	Parity	N/A				0.00%						<
October 2018	WA.		Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR exc	LIS Trunk	Parity	N/A				0.00%						
October 2018	WA.		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic	N/A										
October 2018			Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR ex		Diagnostic											
October 2018			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
October 2018			Billing	BI-3B		Reciprocal Compensation	Diagnostic											
October 2018			Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.6901	-1.41955
October 2018 October 2018			Billing Maintenance and Repair	BI-4B MR-5A	Reciprocal Compensation (MOU): All Troubles Cleared w/i 4 Hours-Zone 1	Reciprocal Compensation Enhanced Extended Loops - DS1 Capable	Diagnostic Parity	N/A N/A				0.00%	2	2	66.67%	47.14%	0.040070	-1.372296
October 2018			Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Unbundled Loop - 2 Wire Non-Loaded	Diagnostic	N/A				0.00%		3	00.07%	47.14%	-0.012372	-1.37229
October 2018			Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	1	2	50.00%	50.00%	-0.430727	-1.261864
October 2018			Maintenance and Repair	MR-5B	All Troubles Cleared w/i 4 Hours-Zone 2	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	4	6	66.67%	47.14%	-0.450727	
October 2018			Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0:00	21:52	3	7:17	8:06		-1.277419
October 2018	3 WA		Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				3:53	37:10	3	12:23	7:36		-1.82192
October 2018	3 WA		Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				0:00	17:55	2	8:57	10:43	-0.683961	-1.415819
October 2018	WA.		Maintenance and Repair	MR-6E	Mean Time to Restore Interval Zone 2	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0:00	18:09	5	3:38	0:59	-1.704208	-2.036085
October 2018	WA.		Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	0	3	0.00%	0.00%		
October 2018	WA.		Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0.00%	1	3	33.33%	47.14%	-0.774597	-1.470921
October 2018	WA.		Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	0	3	0.00%	0.00%		
October 2018			Maintenance and Repair	MR-7E	Repair Repeat Report Rate-Zone 2	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	0	6	0.00%	0.00%		
October 2018			Maintenance and Repair	MR-8		Enhanced Extended Loops - DS1 Capable	Parity	N/A				9.97%	9	1,931	0.47%	6.81%		-0.635839
October 2018			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%		-1.160286
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				5.33%	3	898	0.33%	5.77%	-0.167695	
October 2018			Maintenance and Repair	MR-8		Unbundled Loop - DS1 Capable	Parity	N/A				3.83%	8	1,982	0.40%	6.34%	-0.909275	
October 2018			Maintenance and Repair	MR-8		Unbundled Loop Analog	Parity	N/A					4,037	390,304	1.03%	10.12%	-2.956255	-2.797275
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.00%						-3
October 2018			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS			N/A										
October 2018 October 2018			Ordering and Provisioning Ordering and Provisioning			Unbundled Loop - 2 Wire Non-Loaded Unbundled Loop - DS1 Capable	Benchmark Parity	90.00% N/A				0.00%	2	2	100.00%	0.00%		
October 2018			Ordering and Provisioning			Unbundled Loop - DS1 Capable Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	0	2	0.00%	0.00%		
October 2018			Ordering and Provisioning Ordering and Provisioning			Unbundled Loop - DS1 Capable Unbundled Loop - DS1 Capable	Benchmark	14071				0.00%	U	- 1	0.00%	0.00%		
October 2018			Ordering and Provisioning			Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				34.99%	1	1	100.00%	0.00%	-1 1503/0	-1.699363
October 2018			Ordering and Provisioning			Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	3	3	100.00%	0.00%	-1.130343	-1.033300
October 2018			Ordering and Provisioning		Number Portability Timeliness without Loop Cool		Benchmark					0.0076	3	3	100.0070	0.0070		
October 2018			Pre-Ordering	PO-2A	All Electronic LSRs	LNP												
October 2018	3 WA		Pre-Ordering	PO-2A	All Electronic LSRs	Unbundled Loop Aggregate												
October 2018	WA.		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018	WA.		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Unbundled Loop Aggregate	Diagnostic	N/A										
October 2018	WA.		Pre-Ordering	PO-5A-(b)	FOCs on Time for Fully Electronic LSRs	Unbundled Loop AGG-EELs	Benchmark	95.00%										
October 2018	WA.		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
October 2018	WA.		Pre-Ordering	PO-5B-(b)	FOCs on Time for Electronic/Manual LSRs	Unbundled Loop AGG-EELs	Benchmark	90.00%										
October 2018	WA.		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
October 2018			Pre-Ordering	PO-9B		Unbundled Loops and Number Portability	Parity	N/A				0.00%	1	65	1.54%	12.31%	-1.465234	-1.890799
October 2018			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Residence	Parity	N/A					3,284	255,619	1.28%	11.26%	-0.22816	-1.138711
October 2018			Billing	BI-3A		UNEs and Resale Aggregate		N/A							00.155		0.4	4.0000
October 2018			Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.104121	
October 2018			Maintenance and Repair	MR-8 MR-8		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A N/A					3	898	0.33%	5.77%	-0.141344	
October 2018 October 2018			Maintenance and Repair Pre-Ordering	MR-8 PO-2A	Trouble Rate All Electronic I SRs	Unbundled Loop - DS1 Capable Resale Aggregate W/O UNE-P-POTS	Parity Diagnostic	N/A N/A					8	1,982	0.40%	6.34%	-u.219863	-1.133667
October 2018 October 2018			Pre-Ordering Pre-Ordering	PO-2A PO-2A		Unbundled Loop Aggregate	Diagnostic											
October 2018			Pre-Ordering Pre-Ordering	PO-2A PO-2B		Resale Aggregate W/O UNE-P-POTS	Diagnostic											
October 2018			Pre-Ordering Pre-Ordering	PO-2B PO-5A-(a)		Resale Aggregate W/O UNE-P-POTS	Benchmark											
October 2018			Pre-Ordering Pre-Ordering	PO-5B-(b)		Unbundled Loop AGG-EELs	Benchmark											
October 2018			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
October 2018			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
October 2018	WA.		Maintenance and Repair	MR-8		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					3	898	0.33%	5.77%	-0.34513	-1.209824
October 2018			Billing	BI-3B	Billing Accuracy - Adjustments for Errors	Reciprocal Compensation	Diagnostic									. /-		
October 2018			Billing	BI-4B	Reciprocal Compensation (MOU):	Reciprocal Compensation												
October 2018			Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.331886	-1.201772
October 2018	WA.		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR	LIS Trunk	Parity	N/A				0.00%						-5
October 2018	WA.		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS	LIS Trunk	Diagnostic	N/A										
October 2018	WA.		Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coor	LNP	Benchmark	95.00%										
October 2018	14/4		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										

	State	Carrier	PID Category	PID	PID Title	Product Category		Benchmark	CLEC Numerator	CLEC Denominator	CLEC Result	CLEC Standard Deviation	CTL-Q Numerator	CTL-Q Denominator	CTL-Q Result	CTL-Q Standard Deviation	Modified Z Score	Parity Score
October 2018			Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic											
October 2018 October 2018			Pre-Ordering Pre-Ordering	PO-3X PO-5A-(c)	Electronic LSRs Rejected Manually FOCs on Time for Fully Electronic LSRs	Product Aggregate LNP	Diagnostic Benchmark											
October 2018			Pre-Ordering Pre-Ordering	PO-5A-(c)	FOCs on Time for Electronic/Manual LSRs	I NP	Benchmark											_
October 2018			Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic											
October 2018			Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53.046	99.46%	7.32%	-0.104121	-1.06330
October 2018			Pre-Ordering	PO-2A	All Electronic LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic					0.0070	02,700	00,010	00.1070	7.0270	0.101121	1.00000
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-5A-(a)	FOCs on Time for Fully Electronic LSRs	Resale Aggregate	Benchmark											
October 2018	WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
October 2018	WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic											
October 2018	WA		Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-1.497609	-1.91048
October 2018	WA		Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	2	3	66.67%	47.14%	-0.612372	-1.37229
October 2018	WA		Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	UNBUNDLED LOOP - ADSL COMPATIBLE	Diagnostic	N/A										
October 2018			Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Unbundled Loop - 2 Wire Non-Loaded	Diagnostic	N/A										
October 2018			Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				50.00%	1	2	50.00%	50.00%	0	1
October 2018			Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0:00	21:52	3	7:17	8:06	-0.41537	
October 2018			Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	UNBUNDLED LOOP - ADSL COMPATIBLE	Parity	N/A				1:50	37:10	3	12:23	7:36	-0.609714	
October 2018			Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				7:56	37:10	3	12:23	7:36	0.538836	
October 2018			Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				3:20	17:55	2	8:57	10:43	-0.489278	
October 2018			Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop Analog	Parity	N/A				8:08	75614:27	2,722	27:47	48:08	-1.983969	
October 2018			Maintenance and Repair	MR-6E	Mean Time to Restore Interval Zone 2	Unbundled Loop Analog	Parity	N/A				0:00	28005:55	690	40:35	94:53	-0.396744	-1.24120
October 2018			Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	0	3	0.00%	0.00%	0.75	
October 2018			Maintenance and Repair	MR-7D MR-7D	Repair Repeat Report Rate-Zone 1	UNBUNDLED LOOP - ADSL COMPATIBLE	Parity	N/A N/A				0.00%	1	3	33.33%	47.14% 47.14%	-0.774597 -0.707107	
October 2018			Maintenance and Repair		Repair Repeat Report Rate-Zone 1	Unbundled Loop - 2 Wire Non-Loaded	Parity					31.43%		3	33.33%			
October 2018			Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				33.07%	0	-	0.00%	0.00%	-0.604585	
October 2018 October 2018			Maintenance and Repair Maintenance and Repair	MR-7D MR-7E	Repair Repeat Report Rate-Zone 1 Repair Repeat Report Rate-Zone 2	Unbundled Loop Analog	Parity	N/A N/A				40.00%	424 101	3,234 803	13.11% 12.58%	33.75% 33.16%	0.75421	
October 2018			Maintenance and Repair	MR-7E MR-8	Trouble Rate	Unbundled Loop Analog Enhanced Extended Loops - DS1 Capable	Parity	N/A				8.84%	101	1,931	0.47%	6.81%	0.070575	
October 2018			Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A N/A				8.84%	2	49,827	0.47%	0.63%	-0.307469	
October 2018			Maintenance and Repair	MR-8	Trouble Rate	UNBUNDLED LOOP - ADSL COMPATIBLE	Parity	N/A				4.96%	3	49,627	0.00%	5.77%	-0.307469	
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				4.90%	3	898	0.33%	5.77%	-0.742746	
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - DS1 Capable	Parity	N/A				9.17%	8	1.982	0.33%	6.34%	1.773046	
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop Analog	Parity	N/A				5.47%	4.037	390.304	1.03%	10.12%	-6.681876	
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.00%	4,007	330,304	1.0070	10.1270	-0.001070	-5.00223
October 2018			Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR excl		Parity	N/A				0.00%						
October 2018			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic	N/A										_
October 2018			Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR ex			N/A										
October 2018			Ordering and Provisioning	OP-3D	Interval Zone 1 Areas	Unbundled Loop - 2 Wire Non-Loaded	Benchmark											
October 2018			Ordering and Provisioning		Interval Zone 1 Areas	Unbundled Loop Analog	Benchmark											
October 2018	WA		Ordering and Provisioning		Interval Zone 1 Areas	Unbundled Loop - 2 Wire Non-Loaded	Benchmark	6.00										
October 2018	WA		Ordering and Provisioning	OP-4D	Interval Zone 1 Areas	Unbundled Loop Analog	Benchmark	6.00										
October 2018	WA		Ordering and Provisioning	OP-5A	New Service Installation Quality	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0.00%	1	1	100.00%	0.00%		
October 2018	WA		Ordering and Provisioning	OP-5A	New Service Installation Quality	Unbundled Loop Analog	Parity	N/A				0.00%	1,373	1,479	92.83%	25.79%	-0.875698	-1.53238
October 2018	WA		Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coor	LNP	Benchmark	95.00%										
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A										
October 2018			Pre-Ordering	PO-2A	All Electronic LSRs	Unbundled Loop Aggregate	Diagnostic											
October 2018			Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic											
October 2018			Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic											
October 2018			Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Unbundled Loop Aggregate	Diagnostic											
October 2018			Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic											
October 2018			Pre-Ordering	PO-5A-(b)	FOCs on Time for Fully Electronic LSRs	Unbundled Loop AGG-EELs	Benchmark											
October 2018			Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark											
October 2018			Pre-Ordering	PO-5B-(a)	FOCs on Time for Electronic/Manual LSRs	Resale Aggregate	Benchmark											
October 2018			Pre-Ordering	PO-5B-(b)		Unbundled Loop AGG-EELs	Benchmark											
October 2018			Pre-Ordering	PO-5B-(c)		LNP	Benchmark											-
October 2018			Pre-Ordering	PO-9B BI-3A	Unbundled Loops	Unbundled Loops and Number Portability		N/A				0.00%	1	65	1.54%	12.31%	-1.704781	-2.03643
October 2018			Billing	BI-3A BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic											-
October 2018 October 2018			Billing	BI-3A MR-8	Billing Accuracy - Adjustments for Errors Trouble Rate	UNEs and Resale Aggregate	Diagnostic	N/A N/A					9	0.000	0.40%	6.34%	-0.063643	4.00000
October 2018 October 2018			Maintenance and Repair	MR-8 BI-3A		SUB-LOOP UNBUNDLING	Parity						9	2,230	0.40%	6.34%	-u.ub3b43	-1.03869
			Billing		Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic											-
October 2018 October 2018			Billing Maintenance and Repair	BI-3A MR-8	Billing Accuracy - Adjustments for Errors Trouble Rate	UNEs and Resale Aggregate Residence	Diagnostic Parity	N/A N/A					3,284	255,619	1.28%	11.26%	-0.161334	-1.00000
October 2018				BI-3A				N/A					3,284	255,619	1.26%	11.26%	-0.101334	-1.09608
October 2018 October 2018			Billing Billing	BI-4A	Billing Accuracy - Adjustments for Errors UNEs and Resale Aggregate	UNEs and Resale Aggregate UNEs and Resale Aggregate	Diagnostic Parity	N/A N/A				0.00%	52.760	53.046	99.46%	7.32%	-0.662128	-1.4025
October 2018			Pre-Ordering	PO-2A	All Flectronic I SRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic					0.00%	52,760	53,046	əə.40%	1.32%	-0.002128	-1.40254
	vv A																	-
October 2018	M/A		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A										

	State	Carrier	PID Category	PID	PID Title	Product Category	Standard		CLEC Numerator	CLEC Denominator	CLEC Result	CLEC Standard Deviation	CTL-Q Numerator	CTL-Q Denominator	CTL-Q Result	CTL-Q Standard Deviation	Modified Z Score	Parity Score
October 2018			Maintenance and Repair	MR-5A		LIS Trunk	Parity	N/A				0.00%	2	2	100.00%	0.00%		
October 2018			Maintenance and Repair	MR-6D		LIS Trunk	Parity	N/A				0:00	3:50	2	1:55	2:09	-0.646431	-1.393002
October 2018			Maintenance and Repair	MR-7D		LIS Trunk	Parity	N/A				0.00%	0	2	0.00%	0.00%		
October 2018			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A				2.12%	2	49,827	0.00%	0.63%	2.975778	
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.18%						-2.224
October 2018			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI		Diagnostic	N/A										
October 2018			Ordering and Provisioning			LIS Trunk	Parity	N/A				0.00%	2	2	100.00%	0.00%		
October 2018			Ordering and Provisioning			LIS Trunk	Parity	N/A				0.00%	5	5	100.00%	0.00%		
October 2018			Pre-Ordering	PO-2A		LNP												
October 2018			Pre-Ordering	PO-2B		LNP	Diagnostic											
October 2018			Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
October 2018	WA		Pre-Ordering	PO-5A-(c)		LNP	Benchmark	95.00%										
October 2018	WA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
October 2018	WA		Pre-Ordering	PO-5D	FOCs provided for ASRs requesting LIS Trunks.	LIS Trunk	Benchmark	85.00%										
October 2018	WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
October 2018	WA		Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.180336	-1.10963
October 2018	WA		Maintenance and Repair	MR-5X	Out of Service cleared w/i 24 hours	SUB-LOOP UNBUNDLING	Parity	N/A				0.00%	2,048	3,452	59.33%	49.12%	-0.827858	-1.50330
October 2018	WA		Maintenance and Repair	MR-6B	Mean Time to Restore disp out MSA	SUB-LOOP UNBUNDLING	Parity	N/A				0:00	26677:11	656	40:40	96:52	-0.184144	-1.11195
October 2018	WA		Maintenance and Repair	MR-7B	Repair Repeat Report Rate-Disp out MSA	SUB-LOOP UNBUNDLING	Parity	N/A				0.00%	0	3	0.00%	0.00%		
October 2018			Maintenance and Repair	MR-8		SUB-LOOP UNBUNDLING	Parity	N/A				6.80%	9	2,230	0.40%	6.34%	-0.259467	-1.15774
October 2018	WA		Pre-Ordering	PO-5B-(b)	FOCs on Time for Electronic/Manual LSRs	Unbundled Loop AGG-EELs	Benchmark											
October 2018			Pre-Ordering	PO-2A		LNP	Diagnostic											
October 2018			Pre-Ordering	PO-2B		LNP	Diagnostic											
October 2018			Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
October 2018			Pre-Ordering	PO-5A-(c)		I NP	Benchmark											_
October 2018			Pre-Ordering	PO-5B-(c)		LNP	Benchmark											
October 2018			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
October 2018				BI-4A	3	UNEs and Resale Aggregate	Parity	N/A				0.00%	52.760	53.046	99.46%	7.32%	0.4.470.40	-1.08951
			Billing		00 0	00 0						0.00%	52,760	53,046	99.40%	1.32%	-0.147240	-1.06951
October 2018			Pre-Ordering	PO-2A BI-3A		Resale Aggregate W/O UNE-P-POTS	Diagnostic											
			Billing		, ,	UNEs and Resale Aggregate												
October 2018			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%		-1.08398
October 2018			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.128071	-1.07786
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.00%						
October 2018			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI		Diagnostic											
October 2018			Ordering and Provisioning		Number Portability Timeliness without Loop Coor	LNP	Benchmark											
October 2018			Pre-Ordering	PO-2A		LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
October 2018	WA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.20599	-1.12523
October 2018	WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR	LIS Trunk	Parity	N/A				0.00%						1
October 2018	WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI	LIS Trunk	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	INP	Benchmark	95.00%										
October 2018	WA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	INP	Benchmark	90.00%										_
October 2018			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					2	49.827	0.00%	0.63%	-0.258917	-1.1574
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.00%		10,027	5.0070	0.0070		-1.1374
October 2018			Network Performance	NI-1B	Trunk Blockage to CTL-Q Fall ofc wi TGSR excl		Parity	N/A				0.00%						-2.0
October 2018			Network Performance	NI-1C	Trunk Blockage to CTL-Q End Oic wirdsk exci		Diagnostic					0.0078						-2.0
October 2018			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Oic Wo TGSI Trunk Blockage to CTL-Q End Ofc w/o TGSR ex		Diagnostic											-
October 2018				OP-8C	Number Portability Timeliness without Loop Coor		Benchmark											-
			Ordering and Provisioning		,	LNP												-
October 2018			Pre-Ordering	PO-2A			Diagnostic											-
October 2018			Pre-Ordering	PO-2B		LNP	Diagnostic											-
October 2018			Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
October 2018			Pre-Ordering	PO-5B-(c)		LNP	Benchmark											
October 2018			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
October 2018			Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.104121	
October 2018			Maintenance and Repair	MR-8		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					3	898	0.33%	5.77%	-0.602181	
October 2018			Maintenance and Repair	MR-8		Unbundled Loop - DS1 Capable	Parity	N/A					8	1,982	0.40%	6.34%	-0.200807	-1.12208
October 2018			Pre-Ordering	PO-2A		Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	Unbundled Loop Aggregate	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Unbundled Loop Aggregate	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-5A-(a)	FOCs on Time for Fully Electronic LSRs	Resale Aggregate	Benchmark	95.00%										
October 2018	WA		Pre-Ordering	PO-5A-(b)	,	Unbundled Loop AGG-EELs	Benchmark											
			Billing	BI-3A	,	UNEs and Resale Aggregate	Diagnostic											
October 2018	WA						5											
October 2018			Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53.046	99.46%	7.32%	-0.482602	1.29340

Month October 2018	State	Carrier	PID Category	PID BI-3B	PID Title Billing Accuracy - Adjustments for Errors	Product Category Reciprocal Compensation	Standard Diagnostic	Benchmark N/A	CLEC Numerator	CLEC Denominator	CLEC Result	CLEC Standard Deviation	CTL-Q Numerator	CTL-Q Denominator	CTL-Q Result	CTL-Q Standard Deviation	Modified Z Score	Parity Score
October 2018			Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.255019	-1.15504
October 2018			Billing	BI-4B	Reciprocal Compensation (MOU):	Reciprocal Compensation	Diagnostic						,			110=10		
October 2018	N/A		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2	49.827	0.00%	0.63%	-0.424901	-1.258321
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Residence	Parity	N/A					3.284	255.619	1.28%	11.26%	-0.114081	
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					3	898	0.33%	5.77%	-0.600022	-1.364787
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop Analog	Parity	N/A					4,037	390,304	1.03%	10.12%		-2.408167
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.00%						-
October 2018			Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR excl		Parity	N/A				0.00%						
October 2018			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI		Diagnostic	N/A										
October 2018			Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR ex		Diagnostic											
October 2018			Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coor		Benchmark											
October 2018			Pre-Ordering	PO-2A		I NP	Diagnostic											
October 2018			Pre-Ordering	PO-2A		Unbundled Loop Aggregate	Diagnostic											
October 2018			Pre-Ordering	PO-2B		LNP	Diagnostic											
October 2018			Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
October 2018			Pre-Ordering	PO-5A-(c)		I NP	Benchmark											
October 2018			Pre-Ordering	PO-5R-(b)		Unbundled Loop AGG-EELs	Benchmark											
October 2018			Pre-Ordering	PO-5B-(c)		I NP	Benchmark											
October 2018			Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic											
October 2018 October 2018			Billing	BI-3A BI-3B	Billing Accuracy - Adjustments for Errors Billing Accuracy - Adjustments for Errors	Reciprocal Compensation	Diagnostic											
October 2018 October 2018			Billing		UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.0007	52.760	E2 040	99.46%	7.32%	0.40750	4.07750
				BI-4A	33 - 3							0.00%	52,760	53,046	99.46%	1.32%	-0.12/52	-1.07752
October 2018			Billing	BI-4B	Reciprocal Compensation (MOU):	Reciprocal Compensation	Diagnostic	N/A					-	4.05	0.477	0.0:-:	0.0000:-	4.40777
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Enhanced Extended Loops - DS1 Capable	Parity	N/A					9	1,931	0.47%	6.81%	-0.226312	
October 2018			Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.087621	-1.0532
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					3	898	0.33%	5.77%	-0.366731	
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - DS1 Capable	Parity	N/A					8	1,982	0.40%	6.34%	-0.14217	
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.27%						-2.30571
October 2018			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI		Diagnostic											
October 2018			Pre-Ordering	PO-2A		Unbundled Loop Aggregate	Diagnostic											
October 2018			Pre-Ordering	PO-5B-(b)	FOCs on Time for Electronic/Manual LSRs	Unbundled Loop AGG-EELs	Benchmark											
October 2018			Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic											
October 2018			Billing	BI-3B	Billing Accuracy - Adjustments for Errors	Reciprocal Compensation	Diagnostic											
October 2018			Billing	BI-4B	Reciprocal Compensation (MOU):	Reciprocal Compensation	Diagnostic	N/A										
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	Enhanced Extended Loops - DS1 Capable	Parity	N/A					9	1,931	0.47%	6.81%	-0.32624	-1.1983
October 2018	WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.239249	-1.145453
October 2018	WA.		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR	LIS Trunk	Parity	N/A				0.00%						-<
October 2018	WA.		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI	LIS Trunk	Diagnostic	N/A										
October 2018	WA		Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coor	LNP	Benchmark	95.00%										
October 2018	WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-5A-(c)		LNP	Benchmark	95.00%										
October 2018	WA.		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
October 2018	WA		Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coor	LNP	Benchmark	95.00%										
October 2018			Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic											
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic											
October 2018			Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic											
October 2018			Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark											
October 2018			Pre-Ordering	PO-5B-(c)		LNP	Benchmark											
October 2018			Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic											
October 2018			Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2	49.827	0.00%	0.63%	-0.157283	-1.095621
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					3		0.33%	5.77%	-0.137203	
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.00%	3	096	0.33/0	3.11%	-0.510320	-1.192076
October 2018 October 2018			Network Performance	NI-1A NI-1C	Trunk Blockage to CTL-Q Tandem Ofc WI TGSK Trunk Blockage to CTL-Q Tandem Ofc W/o TGSK		Diagnostic	N/A				0.00%						- 3
October 2018 October 2018				NI-1C BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	. 5											
October 2018 October 2018			Billing Maintenance and Repair	MR-8	Billing Accuracy - Adjustments for Errors Trouble Rate	Enhanced Extended Loops - DS1 Capable	Diagnostic	N/A N/A					q	1.931	0.47%	6.81%	-0.152816	-1.092905
				MR-8 RI-4A			Parity	N/A				0.00	52.760	1,001	99.46%	6.81% 7.32%		
October 2018			Billing	BI-4A MR-8	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A N/A				0.00%		53,046	00.1070	7.02.70	-0.104121	
October 2018			Maintenance and Repair		Trouble Rate	LIS Trunk	Parity						2	49,827	0.00%	0.63%	-0.053721	
October 2018			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.00%						-3
October 2018			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI		Diagnostic											
October 2018			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic	N/A										
October 2018			Maintenance and Repair	MR-8	Trouble Rate	Residence	Parity	N/A					3,284	255,619	1.28%	11.26%	-0.44182	-1.268608
October 2018			Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
October 2018			Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.073625	
October 2018			Maintenance and Repair	MR-8		Unbundled Loop - DS1 Capable	Parity	N/A					8	1,982	0.40%	6.34%	-0.063645	-1.03869
October 2018			Pre-Ordering	PO-2A		LNP	Diagnostic											
October 2018	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018	WA		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										

October 2018 W	/A	E		PID	PID Title	Product Category	Standard	Benchmark	CLEC Numerator	CLEC Denominator	CLEC Result	Standard Deviation	CTL-Q Numerator	CTL-Q Denominator	CTL-Q Result	Standard Deviation	Modified Z Score	Parity Score
October 2018 W October 2018 W October 2018 W October 2018 W			Billing	BI-2		All	Parity by De	N/A										
October 2018 W October 2018 W October 2018 W	/A		Database Updates	DB-1B	All	LIDB	Diagnostic	N/A										
October 2018 W October 2018 W		[Database Updates	DB-1C-1	All	Directory Listing	Diagnostic	N/A										
October 2018 W	/A	1	Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.247328	-1.150365
	/A	1	Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR		Parity	N/A				0.39%						-2.76121
	/A	1	Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR excl	LIS Trunk	Parity	N/A				0.32%						-2.9307
October 2018 W	/A	1	Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI	LIS Trunk	Diagnostic	N/A										
October 2018 W	/A	1	Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR ex	LIS Trunk	Diagnostic	N/A										
October 2018 W	/A		Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coor	LNP	Benchmark	95.00%										
October 2018 W	/A	E	Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
October 2018 W	/A	E	9	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate		N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.12752	-1.077527
October 2018 W	/A	1	Maintenance and Repair	MR-8	Trouble Rate	Residence	Parity	N/A					3,284	255,619	1.28%	11.26%	-0.114081	-1.069356
October 2018 W		1	Maintenance and Repair	MR-8		Residence		N/A					3,284	255,619	1.28%	11.26%	-0.114081	-1.069356
October 2018 W	/A	F	Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018 W	/A	F	Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic											
October 2018 W	/A	F	Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
October 2018 W	/A	F	Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
October 2018 W		F		PO-5B-(c)		LNP	Benchmark	90.00%										
October 2018 W	/A	F	Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018 W	/A	F	Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018 W	/A	F	Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
October 2018 W	/A	F	Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
October 2018 W	/A	F	Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
October 2018 W	/A	E	Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
October 2018 W	/A	E	Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.073625	-1.044761
October 2018 W	/A	1	Maintenance and Repair	MR-8	Trouble Rate	Enhanced Extended Loops - DS1 Capable	Parity	N/A					9	1,931	0.47%	6.81%	-0.353111	-1.214676
October 2018 W	/A	1	Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					3	898	0.33%	5.77%	-0.515619	-1.313474
October 2018 W	/A	1	Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - DS1 Capable	Parity	N/A					8	1,982	0.40%	6.34%	-0.168134	-1.102218
October 2018 W	/A	E	Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.073625	-1.044761
October 2018 W	/A	1	Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.262366	-1.159507
October 2018 W	/A	1	Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR	LIS Trunk	Parity	N/A				0.00%						-3
October 2018 W	/A	1	Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI	LIS Trunk	Diagnostic	N/A										
October 2018 W	/A	F	Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
October 2018 W	/A	F	Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
October 2018 W	/A	F	Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
October 2018 W	/A	F	Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
October 2018 W	/A	F	Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
October 2018 W	/A	1	Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.255414	-1.155281
October 2018 W	/A	1	Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR	LIS Trunk	Parity	N/A				0.00%						-3
October 2018 W	/A	1	Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI	LIS Trunk	Diagnostic	N/A										
October 2018 W	/A	E	Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
October 2018 W	/A	E	Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.073625	-1.044761
October 2018 W	/A		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.073625	-1.044761
October 2018 W	/A		Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.073625	-1.044761
October 2018 W	/A			BI-4A		UNEs and Resale Aggregate		N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.073625	-1.044761
October 2018 W	/A	F	Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate		N/A										
October 2018 W	/A	E	Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	52,760	53,046	99.46%	7.32%	-0.073625	-1.044761
October 2018 W	/A	1	Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					2	49,827	0.00%	0.63%	-0.174241	-1.105931
October 2018 W	/A	1	Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSR	LIS Trunk	Parity	N/A				0.02%						-2.984211
October 2018 W				NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGSI		Diagnostic											
October 2018 W	/A			OP-8C	Number Portability Timeliness without Loop Coor	LNP	Benchmark											
October 2018 W				PO-2A		LNP	Diagnostic											
October 2018 W	/A			PO-2B		LNP	Diagnostic											
October 2018 W				PO-3X		Product Aggregate	Diagnostic											
October 2018 W				PO-5A-(c)		LNP	Benchmark											
October 2018 W			Pre-Ordering	PO-5B-(c)		I NP	Benchmark											
October 2018 W			Billing	BI-4A		UNEs and Resale Aggregate		N/A				0.00%	52,760	53,046	99.46%	7.32%	-0 1/72/AC	-1.089519