

Qwest Corporation (Qwest or CTL-Q) Performance Results

Washington December 2017 - December 2017

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.

February 13, 2018

CenturyLink Confidential

CenturyLink QC Performance Results - Current 271 PID

Redacted Per WAC 480-07-160

Month		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
December 2017 December 2017			Pre-Ordering Billing	PO-3X BI-4A		Product Aggregate UNEs and Resale Aggregate	Diagnostic Parity	N/A N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.361729	1 210016
December 2017			Maintenance and Repair	MR-8	00 0	LIS Trunk	Parity	N/A				0.0076	45,510	54.490	0.00%	0.47 %	-0.104362	
December 2017			Maintenance and Repair	MR-8		Residence	Parity	N/A					3,805	286,384	1.33%	11.45%		-1.003440
December 2017			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity	N/A				0.00%	3,003	200,304	1.3370	11.45%	-0.11004	-1.070547
December 2017			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic					0.00%						
December 2017			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017			Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45.516	45.847	99.28%	8.47%	-1.320389	-1.80274
December 2017			Maintenance and Repair	MR-5A		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	8	9	88.89%	31.43%	0.841621	
December 2017			Maintenance and Repair	MR-5A		Unbundled Loop - 2 Wire Non-Loaded	Diagnostic	N/A				0.0070	Ü	Ü	00.0070	01.1070	0.011021	0.100001
December 2017			Maintenance and Repair	MR-5A		Unbundled Loop - DS1 Capable	Parity	N/A				45.18%	9	10	90.00%	30.00%	0.357673	-0.78255
December 2017			Maintenance and Repair	MR-5B		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	14	20	70.00%	45.83%	-0.638877	
December 2017			Maintenance and Repair	MR-5B		Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	14	20	70.00%	45.83%	-0.638877	-1.388409
December 2017			Maintenance and Repair	MR-6D		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0:00	19:39	5	3:56	3:24		-0.689897
December 2017			Maintenance and Repair	MR-6D		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				24:34	3:14	1	3:14	0:00	0.010010	0.000001
December 2017			Maintenance and Repair	MR-6D		Unbundled Loop - DS1 Capable	Parity	N/A				1:29	20:57	6	3:30	3:13	-0.076399	-1.046447
December 2017	WA		Maintenance and Repair	MR-6D		Unbundled Loop Analog	Parity	N/A				7:44	161428:14	3.304	48:52	86:46	-1.037807	-1.630942
December 2017			Maintenance and Repair	MR-6F		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0:00	106:51	17	6:17	10:21	-0.386435	
December 2017			Maintenance and Repair	MR-6E		Unbundled Loop - DS1 Capable	Parity	N/A				0:00	106:51	17	6:17	10:21		-1.272013
December 2017			Maintenance and Repair	MR-7D		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0.00%	0	1	0.00%	0.00%	0.1111122	1.272010
December 2017			Maintenance and Repair	MR-7D		Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	4	10	40.00%	48.99%	-1 656834	-2.007283
December 2017			Maintenance and Repair	MR-7D	100 100 100 100 100	Unbundled Loop Analog	Parity	N/A				37.27%	531	3.605	14.73%	35.44%		-1.179272
December 2017			Maintenance and Repair	MR-7E	1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	4	20	20.00%	40.00%		-1.296653
December 2017			Maintenance and Repair	MR-7E		Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	4	20	20.00%	40.00%		-1.296653
December 2017			Maintenance and Repair	MR-8		Enhanced Extended Loops - DS1 Capable	Parity	N/A				21.06%	29	2.074	1.40%	11.74%		-0.313712
December 2017			Maintenance and Repair	MR-8		Residence	Parity	N/A				21.0070	3,805	286.384	1.33%	11.45%		-1.070547
December 2017			Maintenance and Repair	MR-8			Parity	N/A					1	979	0.10%	3.19%	-0.386766	
December 2017			Maintenance and Repair	MR-8		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				3.75%	1	979	0.10%	3.19%		-0.824408
December 2017			Maintenance and Repair	MR-8		Unbundled Loop - DS1 Capable	Parity	N/A				10.05%	30	2.120	1.42%	11.81%	-0.799432	0.00
December 2017			Maintenance and Repair	MR-8		Unbundled Loop - XDSLi	Parity	N/A				10.0070	30	2,366	1.27%	11.19%	-0.113301	
December 2017			Maintenance and Repair	MR-8		Unbundled Loop Analog	Parity	N/A				3.78%	4.546	431.829	1.05%	10.21%		-4.495556
December 2017			Ordering and Provisioning		Interval for Pending Orders Delayed Past Due D		Parity	N/A				0.00	4,540	401,020	1.0070	10.2170	-5.145015	4.433330
December 2017						Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0.00%						
December 2017			Ordering and Provisioning			Unbundled Loop Analog	Benchmark					0.0070						
December 2017			Ordering and Provisioning			Unbundled Loop Analog	Benchmark											
December 2017			Ordering and Provisioning			Unbundled Loop Analog	Parity	N/A				0.00%	1,108	1.173	94.46%	22.88%	-0.991486	-1 602781
December 2017			Pre-Ordering	PO-2A		Unbundled Loop Aggregate	Diagnostic					0.0076	1,100	1,173	34.40 /0	22.0070	-0.551400	-1.002781
December 2017			Pre-Ordering	PO-2R		Unbundled Loop Aggregate	Diagnostic											
December 2017			Pre-Ordering	PO-5A-(b)		Unbundled Loop AGG-EELs	Benchmark											
December 2017			Pre-Ordering	PO-5A-(b)		Unbundled Loop AGG-EELs	Benchmark											
December 2017			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017			Billing	BI-3B		Reciprocal Compensation	Diagnostic											
December 2017			Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45.516	45.847	99.28%	8.47%	0.727017	-1.448622
December 2017			Billing	BI-4B		Reciprocal Compensation	Diagnostic					0.0076	45,510	45,047	33.2070	0.47 /0	-0.737517	-1.440022
December 2017			Maintenance and Repair	MR-5B		Unbundled Loop - DS1 Capable	Parity	N/A				47.14%	14	20	70.00%	45.83%	0.470226	-1.290808
December 2017			Maintenance and Repair	MR-6D		Unbundled Loop Analog	Parity	N/A				9:45	161428:14	3,304	48:52	45.63% 86:46	-0.4763325	
December 2017			Maintenance and Repair	MR-6F				N/A				1:14	101426.14	3,304	6:17		-0.763325	
December 2017			Maintenance and Repair	MR-6F		Unbundled Loop - DS1 Capable Unbundled Loop Analog	Parity Parity	N/A				0:00	48084:29	885	54:20	10:21 57:52	-0.461662	
December 2017			Maintenance and Repair	MR-7D		Unbundled Loop Analog	Parity	N/A				0.00%	531	3,605	14.73%	35.44%	-0.719574	
December 2017			Maintenance and Repair	MR-7E		Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	4	3,605	20.00%	40.00%	-0.719574	
December 2017				MR-7E				N/A						941	15.20%	35.90%	-0.423093	
			Maintenance and Repair	MR-8		Unbundled Loop Analog	Parity					0.00%	143					
December 2017 December 2017			Maintenance and Repair Maintenance and Repair	MR-8		Enhanced Extended Loops - DS1 Capable	Parity	N/A N/A					29	2,074 54.490	1.40%	11.74%	-0.91669	-1.557308 -1.049254
				MR-8			Parity						1		0.00.0			
December 2017			Maintenance and Repair				Parity	N/A					1	979	0.10%	3.19%		-1.229803
December 2017			Maintenance and Repair	MR-8		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					1	979	0.10%	3.19%		-1.395017
December 2017			Maintenance and Repair	MR-8		Unbundled Loop - DS1 Capable	Parity	N/A				7.31%	30	2,120	1.42%	11.81%		-1.949253
December 2017			Maintenance and Repair	MR-8		Unbundled Loop Analog	Parity	N/A				3.80%	4,546	431,829	1.05%	10.21%	-4.661354	-3.833902
December 2017			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity	N/A				0.00%						-3
December 2017			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic											
December 2017			Ordering and Provisioning			Unbundled Loop - 2 Wire Non-Loaded	Benchmark											
December 2017			Ordering and Provisioning			Unbundled Loop - 2 Wire Non-Loaded	Benchmark											
December 2017			Ordering and Provisioning			Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0.00%	4	4	100.00%	0.00%		
December 2017			Pre-Ordering	PO-2A		Unbundled Loop Aggregate	Diagnostic											
December 2017			Pre-Ordering	PO-2B	3 1 1 1 1 1	Unbundled Loop Aggregate	Diagnostic											
December 2017			Pre-Ordering	PO-5A-(b)		Unbundled Loop AGG-EELs	Benchmark											
December 2017			Pre-Ordering	PO-5B-(b)		Unbundled Loop AGG-EELs	Benchmark											
December 2017			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.241003	-1.146519
December 2017	WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						-3

Month		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
December 2017			Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR exc		Parity	N/A				0.00%						-3
December 2017 December 2017			Network Performance Network Performance	NI-1C NI-1D	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS Trunk Blockage to CTL-Q End Ofc w/o TGSR e		Diagnostic Diagnostic											
December 2017			Pre-Ordering	PO-2A		I NP	Diagnostic											
December 2017			Pre-Ordering	PO-2A		I NP	Diagnostic											
December 2017			Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
December 2017			Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
December 2017	WA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
December 2017	WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
December 2017	WA		Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				22.91%	45,516	45,847	99.28%	8.47%	1.162082	-0.29350
December 2017	WA		Maintenance and Repair	MR-8	Trouble Rate	Residence	Parity	N/A					3,805	286,384	1.33%	11.45%	-0.164105	-1.09976
December 2017	WA		Pre-Ordering	PO-2A	All Electronic LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A										
December 2017			Pre-Ordering	PO-2B		Resale Aggregate W/O UNE-P-POTS	Diagnostic											
December 2017			Pre-Ordering	PO-5A-(a)		Resale Aggregate	Benchmark											
December 2017			Billing	BI-3A	3	UNEs and Resale Aggregate	Diagnostic											
December 2017			Billing	BI-4A	00 0	UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.225605	-1.13715
December 2017			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017			Billing	BI-4A MR-5X		UNEs and Resale Aggregate	Parity	N/A N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.552405	
December 2017			Maintenance and Repair			Business	Parity					0.00%	308	597	51.59%	49.97%	0.037734	-0.97705
December 2017 December 2017			Pre-Ordering Pre-Orderina	PO-2A PO-5B-(a)		Resale Aggregate W/O UNE-P-POTS Resale Aggregate	Diagnostic Benchmark											
December 2017 December 2017			Pre-Ordering Billing	PO-5B-(a) BI-3A		Resale Aggregate UNEs and Resale Aggregate	Diagnostic Diagnostic											
December 2017 December 2017			Maintenance and Repair	MR-8		UNEs and Resale Aggregate	Diagnostic	N/A N/A					4	54.490	0.00%	0.43%	-0.220475	-1 12402
December 2017 December 2017			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity	N/A				0.00%	- '	54,490	0.00%	0.43%	-0.220475	-1.134039
December 2017			Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR exc		Parity	N/A				0.00%						
December 2017			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic					0.0070						
December 2017			Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR e		Diagnostic											
December 2017			Ordering and Provisioning		Number Portability Timeliness without Loop Coo		Benchmark											
December 2017			Pre-Ordering	PO-2A		LNP	Diagnostic											
December 2017			Pre-Ordering	PO-2B		LNP	Diagnostic											
December 2017			Pre-Ordering	PO-3X		Product Aggregate	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
December 2017	WA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
December 2017	WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
December 2017	WA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
December 2017	WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
December 2017			Billing	BI-4A	33 - 3	UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.757306	-1.46041
December 2017			Maintenance and Repair	MR-5A		Unbundled Loop - 2 Wire Non-Loaded	Diagnostic	N/A										
December 2017			Maintenance and Repair	MR-5A		Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	9	10	90.00%	30.00%	-0.563436	
December 2017			Maintenance and Repair	MR-5B		Unbundled Loop - DS1 Capable	Parity	N/A				50.00%	14	20	70.00%	45.83%	-0.114185	-1.06942
December 2017			Maintenance and Repair	MR-6D		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0:00	3:14		3:14	0:00		
December 2017	1111		Maintenance and Repair	MR-6D		Unbundled Loop - DS1 Capable	Parity	N/A				0:30	20:57	6	3:30	3:13		-1.846765
December 2017			Maintenance and Repair	MR-6E		Unbundled Loop - DS1 Capable	Parity	N/A				0:48	106:51	17	6:17	10:21	-0.305911	-1.185981
December 2017 December 2017			Maintenance and Repair	MR-7D MR-7D		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A N/A				0.00%	0	1	0.00%	0.00% 48.99%	-1.380131	-1.83906
			Maintenance and Repair			Unbundled Loop - DS1 Capable	Parity						4		40.00%			
December 2017 December 2017			Maintenance and Repair Maintenance and Repair	MR-7E MR-8		Unbundled Loop - DS1 Capable Unbundled Loop - 2 Wire Non-Loaded	Parity Parity	N/A N/A				0.00% 2.46%	1	20 979	20.00% 0.10%	40.00% 3.19%	-0.6742 -0.322656	
December 2017			Maintenance and Repair	MR-8		Unbundled Loop - 2 Wife Non-Loaded Unbundled Loop - DS1 Capable	Parity	N/A				14.38%	30	2.120	1.42%	11.81%	0.686554	
December 2017 December 2017			Maintenance and Repair	MR-8		Unbundled Loop - DS1 Capable Unbundled Loop - XDSLi	Parity	N/A N/A				14.36%	30	2,120	1.42%	11.81%	-0.43752	
December 2017			Maintenance and Repair	MR-8		Unbundled Loop Analog	Parity	N/A					4,546	431,829	1.05%	10.21%		-1.062709
December 2017			Ordering and Provisioning			Unbundled Loop - 2 Wire Non-Loaded	Benchmark						7,540	.51,025	00/0	10.21/0	555177	1.552708
December 2017			Ordering and Provisioning			Unbundled Loop - DS1 Capable	Parity	N/A				50.00%						
December 2017			Ordering and Provisioning			Unbundled Loop - 2 Wire Non-Loaded	Benchmark					30.0076						
December 2017			Ordering and Provisioning			Unbundled Loop - DS1 Capable	Benchmark											
December 2017			Ordering and Provisioning			Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0.00%	4	4	100.00%	0.00%		
December 2017			Ordering and Provisioning			Unbundled Loop - DS1 Capable	Parity	N/A				0.00%						
December 2017			Pre-Ordering	PO-2A		Unbundled Loop Aggregate	Diagnostic											
December 2017	WA		Pre-Ordering	PO-2B		Unbundled Loop Aggregate	Diagnostic											
December 2017	WA		Pre-Ordering	PO-5A-(b)		Unbundled Loop AGG-EELs	Benchmark											
December 2017	WA		Pre-Ordering	PO-5B-(b)	FOCs on Time for Electronic/Manual LSRs	Unbundled Loop AGG-EELs	Benchmark	90.00%										
December 2017	WA		Pre-Ordering	PO-9B	Unbundled Loops	Unbundled Loops and Number Portability	Parity	N/A				0.00%	1	69	1.45%	11.95%	-1.600043	-1.972757
December 2017	WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
December 2017	WA		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.190675	-1.115922
December 2017			Maintenance and Repair	MR-5A		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	8	9	88.89%	31.43%	-0.588348	
December 2017	WA		Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				1:15	19:39	5	3:56	3:24	-1.099857	-1.668665
December 2017	1111		Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	4	10	40.00%	48.99%	-1.380131	-1.83906

Month State	Carrier	PID Category Maintenance and Repair	PID MR-8	PID Title	Product Category Enhanced Extended Loops - DS1 Capable	Standard Parity	Benchmark N/A	CLEC Numerator	CLEC Denominator	CLEC Result	CLEC Standard Deviation 13,73%	CTL-Q Numerator	CTL-Q Denominator 2.074	CTL-Q Result	CTL-Q Standard Deviation	Modified Z Score 0.373723	Parity Score
December 2017 WA		Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A				10.7070	1	54,490	0.00%	0.43%		-1.101553
December 2017 WA		Maintenance and Repair	MR-8		Unbundled Loop - DS1 Capable	Parity	N/A					30	2,120	1.42%	11.81%		-1.556385
December 2017 WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						-3
December 2017 WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS	LIS Trunk	Diagnostic	N/A										
December 2017 WA		Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic											
December 2017 WA		Pre-Ordering	PO-5A-(b)	FOCs on Time for Fully Electronic LSRs	Unbundled Loop AGG-EELs	Benchmark	95.00%										
December 2017 WA		Pre-Ordering	PO-5B-(b)	FOCs on Time for Electronic/Manual LSRs	Unbundled Loop AGG-EELs	Benchmark	90.00%										
December 2017 WA		Ordering and Provisioning		Number Portability Timeliness without Loop Coo		Benchmark											
December 2017 WA		Pre-Ordering	PO-2A		LNP	Diagnostic											
December 2017 WA		Pre-Ordering	PO-2B		LNP	Diagnostic											
December 2017 WA		Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
December 2017 WA		Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
December 2017 WA		Pre-Ordering	PO-5B-(c)		LNP	Benchmark											
December 2017 WA		Ordering and Provisioning		Number Portability Timeliness without Loop Coo		Benchmark											
December 2017 WA December 2017 WA		Pre-Ordering	PO-2A PO-2B		LNP	Diagnostic											
December 2017 WA December 2017 WA		Pre-Ordering Pre-Ordering	PO-2B PO-3X		Product Aggregate	Diagnostic Diagnostic											
December 2017 WA		Pre-Ordering Pre-Ordering	PO-3X PO-5A-(c)		I NP	Benchmark											
December 2017 WA		Pre-Ordering Pre-Ordering	PO-5A-(c)		INP	Benchmark											
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic								-			
December 2017 WA		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0 552405	-1.335839
December 2017 WA		Maintenance and Repair	MR-8		SUB-LOOP UNBUNDLING	Parity	N/A				0.0070	30	2.379	1.26%	11.16%		-1.181511
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic						30	2,013	2070	.1.10/0	0.200000	51511
December 2017 WA		Billing	BI-3B	3, ,,	Reciprocal Compensation	Diagnostic											
December 2017 WA		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				22.33%	45,516	45,847	99.28%	8.47%	2.825353	0.717693
December 2017 WA		Billing	BI-4B	00 0	Reciprocal Compensation	Diagnostic	N/A						19,011				
December 2017 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%	8	9	88.89%	31.43%	-0.33541	-1.203915
December 2017 WA		Maintenance and Repair	MR-5A		UNBUNDLED LOOP - ADSL COMPATIBLE	Diagnostic	N/A						-				
December 2017 WA		Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				50.00%	9	10	90.00%	30.00%	0.472789	-0.712565
December 2017 WA		Maintenance and Repair	MR-6D		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0:00	19:39	5	3:56	3:24		-1.225577
December 2017 WA		Maintenance and Repair	MR-6D		UNBUNDLED LOOP - ADSL COMPATIBLE	Parity	N/A				0:00	3:14	1	3:14	0:00		
December 2017 WA		Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				6:27	20:57	6	3:30	3:13	1.270238	-0.22775
December 2017 WA		Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop Analog	Parity	N/A				0:40	161428:14	3,304	48:52	86:46	-0.576368	-1.350407
December 2017 WA		Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	4	10	40.00%	48.99%	-0.778499	-1.473294
December 2017 WA		Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	UNBUNDLED LOOP - ADSL COMPATIBLE	Parity	N/A				0.00%	0	1	0.00%	0.00%		
December 2017 WA		Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				50.00%	4	10	40.00%	48.99%	-0.472789	-1.287435
December 2017 WA		Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop Analog	Parity	N/A				50.00%	531	3,605	14.73%	35.44%	0.602973	-0.633418
December 2017 WA		Maintenance and Repair	MR-8		Enhanced Extended Loops - DS1 Capable	Parity	N/A				10.78%	29	2,074	1.40%	11.74%	-0.170687	
December 2017 WA		Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%		-1.179191
December 2017 WA		Maintenance and Repair	MR-8		UNBUNDLED LOOP - ADSL COMPATIBLE		N/A				7.69%	1	979	0.10%	3.19%	0.607999	
December 2017 WA		Maintenance and Repair	MR-8		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					1	979	0.10%	3.19%		-1.479613
December 2017 WA		Maintenance and Repair	MR-8		Unbundled Loop - DS1 Capable	Parity	N/A				7.86%	30	2,120	1.42%	11.81%		-1.683291
December 2017 WA		Maintenance and Repair	MR-8		Unbundled Loop Analog	Parity	N/A				3.71%	4,546	431,829	1.05%	10.21%	-3.413485	-3.075252
December 2017 WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity	N/A				0.00%						-3
December 2017 WA		Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR exc		Parity	N/A				0.00%						-3
December 2017 WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic											
December 2017 WA		Network Performance Ordering and Provisioning	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR e	Unbundled Loop - 2 Wire Non-Loaded	Diagnostic Benchmark								_			
December 2017 WA December 2017 WA		Ordering and Provisioning			Enhanced Extended Loops - DS1 Capable	Benchmark											
December 2017 WA		Ordering and Provisioning			Unbundled Loop - 2 Wire Non-Loaded	Benchmark											
December 2017 WA		Ordering and Provisioning			Unbundled Loop - 2 Wire Non-Loaded		N/A				0.00%	4	4	100.00%	0.00%		
December 2017 WA		Ordering and Provisioning		Number Portability Timeliness without Loop Coo		Benchmark					0.0078	-		. 55.5576	0.00 /0		
December 2017 WA		Pre-Ordering	PO-2A		I NP	Diagnostic											
December 2017 WA		Pre-Ordering	PO-2A		Unbundled Loop Aggregate	Diagnostic											
December 2017 WA		Pre-Ordering	PO-2B		LNP	Diagnostic											
December 2017 WA		Pre-Ordering	PO-2B		Unbundled Loop Aggregate	Diagnostic											
December 2017 WA		Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
December 2017 WA		Pre-Ordering	PO-5A-(b)		Unbundled Loop AGG-EELs	Benchmark											
December 2017 WA		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
December 2017 WA		Pre-Ordering	PO-5B-(b)		Unbundled Loop AGG-EELs	Benchmark											
December 2017 WA		Pre-Ordering	PO-5B-(c)		LNP	Benchmark											
December 2017 WA		Pre-Ordering	PO-5D	FOCs provided for ASRs requesting LIS Trunks	LIS Trunk	Benchmark	85.00%										
December 2017 WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
December 2017 WA		Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%		-1.126985
December 2017 WA		Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.110374	-1.067103
December 2017 WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						-3
December 2017 WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS	LIC Trunk	Diagnostic	NI/A										

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
December 2017 WA		Billing	BI-3A BI-4A		UNEs and Resale Aggregate	Diagnostic					0.000/	45.540	45.047	00.000/	0.470/	0.470547	1 10000
December 2017 WA December 2017 WA		Billing Billing	BI-4A BI-3A		UNEs and Resale Aggregate UNEs and Resale Aggregate	Parity Diagnostic	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.170547	-1.10368
December 2017 WA		Billing	BI-4A		UNEs and Resale Aggregate UNEs and Resale Aggregate	Parity	N/A				0.00%	45.516	45.847	99.28%	8.47%	-0.085276	-1.05184
December 2017 WA		Maintenance and Repair	MR-5X		Business	Parity	N/A				0.00%	308	597	51.59%	49.97%		-0.26915
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic					0.0070	300	551	31.3370	43.31 /0	1.202100	-0.20313
December 2017 WA		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.955919	-1.58115
December 2017 WA		Maintenance and Repair	MR-8	00 0	Residence	Parity	N/A					3,805	286,384	1.33%	11.45%		-1.07054
December 2017 WA		Pre-Ordering	PO-2A	All Electronic LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A										
December 2017 WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A										
December 2017 WA		Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
December 2017 WA		Pre-Ordering	PO-5A-(a)	FOCs on Time for Fully Electronic LSRs	Resale Aggregate	Benchmark	95.00%										
December 2017 WA		Pre-Ordering	PO-5B-(a)		Resale Aggregate	Benchmark											
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017 WA		Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.126912	
December 2017 WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity	N/A				0.00%						
December 2017 WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic											
December 2017 WA		Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A				0.000/	1	54,490	0.00%	0.43%	-0.124936	-1.07595
December 2017 WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF			N/A				0.00%						
December 2017 WA December 2017 WA		Network Performance Ordering and Provisioning	NI-1C OP-3E	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS Interval Zone 2 Areas	LIS Trunk	Diagnostic Parity	N/A N/A				0.00%			100.00%	0.00%		
December 2017 WA		Ordering and Provisioning			LIS Trunk	Parity	N/A				0.00%	5	5	100.00%	0.00%		
December 2017 WA		Pre-Ordering	PO-5D	FOCs provided for ASRs requesting LIS Trunks		Benchmark					0.00%	- 3	3	100.0076	0.0076		
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017 WA		Maintenance and Repair	MR-8		Residence	Parity	N/A					3,805	286,384	1.33%	11.45%	-0.328206	-1.19953
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic						0,000	200,001	1.0070	11.1070	0.020200	1.100000
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017 WA		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45.516	45.847	99.28%	8.47%	-1.132353	-1.688422
December 2017 WA		Maintenance and Repair	MR-8		Residence	Parity	N/A					3,805	286,384	1.33%	11.45%	-0.11604	-1.07054
December 2017 WA		Pre-Ordering	PO-2A	All Electronic LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic											
December 2017 WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A										
December 2017 WA		Pre-Ordering	PO-5A-(a)	FOCs on Time for Fully Electronic LSRs	Resale Aggregate	Benchmark	95.00%										
December 2017 WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
December 2017 WA		Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.085276	-1.051844
December 2017 WA		Pre-Ordering	PO-2A		Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A										
December 2017 WA		Pre-Ordering	PO-2B		Resale Aggregate W/O UNE-P-POTS	Diagnostic											
December 2017 WA		Pre-Ordering	PO-5A-(a)		Resale Aggregate	Benchmark											
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017 WA		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%		-1.051844
December 2017 WA		Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.059256	-1.036025
December 2017 WA December 2017 WA		Network Performance	NI-1A NI-1C	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity	N/A				0.00%						-3
December 2017 WA December 2017 WA		Ordering and Provisioning		Trunk Blockage to CTL-Q Tandem Ofc w/o TGS Number Portability Timeliness without Loop Coo		Diagnostic Benchmark											
December 2017 WA		Pre-Ordering	PO-2A		I NP	Diagnostic											
December 2017 WA		Pre-Ordering Pre-Ordering	PO-2A		I NP	Diagnostic											
December 2017 WA		Pre-Ordering	PO-5A-(c)		I NP	Benchmark											
December 2017 WA		Pre-Ordering	PO-5B-(c)		LNP	Benchmark											
December 2017 WA		Billing	BI-3B		Reciprocal Compensation	Diagnostic											
December 2017 WA		Billing	BI-4B		Reciprocal Compensation	Diagnostic	N/A										
December 2017 WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.207352	-1.126061
December 2017 WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						-4
December 2017 WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS	LIS Trunk	Diagnostic	N/A										
December 2017 WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
December 2017 WA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
December 2017 WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
December 2017 WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
December 2017 WA		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%		-1.155519
December 2017 WA		Maintenance and Repair	MR-8		Enhanced Extended Loops - DS1 Capable	Parity	N/A					29		1.40%	11.74%	-0.237938	
December 2017 WA		Maintenance and Repair	MR-8		UNBUNDLED LOOP - ADSL COMPATIBLE	Parity	N/A					1	979	0.10%	3.19%	-0.26689	-1.16225
December 2017 WA		Pre-Ordering	PO-2A		Unbundled Loop Aggregate	Diagnostic											
December 2017 WA		Pre-Ordering	PO-2B	3	Unbundled Loop Aggregate	Diagnostic											
December 2017 WA		Pre-Ordering	PO-5A-(b)		Unbundled Loop AGG-EELs	Benchmark											
December 2017 WA		Ordering and Provisioning		Number Portability Timeliness without Loop Coo		Benchmark											
December 2017 WA		Pre-Ordering	PO-2A		LNP	Diagnostic											
December 2017 WA		Pre-Ordering	PO-2B	3	LNP	Diagnostic											
December 2017 WA		Pre-Ordering	PO-5A-(c) BI-3A		LINE and Bassis Aggregate	Benchmark											
December 2017 WA December 2017 WA		Billing Maintenance and Repair	MR-8		UNEs and Resale Aggregate Residence	Diagnostic	N/A N/A					3.805	286.384	1.33%	11.45%	0.11001	-1.07054
		warnenance and Repair	IVITY-0	HOUDIE Rate	residetics	Parity	IN/M					3,805	∠86,384	1.33%	11.45%	-0.11604	-1.07054

Month	State Carrie		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
December 2017 December 2017		Billing Billing	BI-3A BI-4A		UNEs and Resale Aggregate UNEs and Resale Aggregate	Diagnostic Parity	N/A N/A				0.00%	45,516	45,847	99.28%	8.47%	0.005276	-1.05184
December 2017		Pre-Ordering	PO-2A		Resale Aggregate W/O UNE-P-POTS	Diagnostic					0.00%	45,510	45,047	33.2070	0.47 /0	-0.003270	*1.031044
December 2017		Pre-Ordering Pre-Ordering	PO-5B-(a)		Resale Aggregate	Benchmark											_
December 2017		Ordering and Provisioning	()	Number Portability Timeliness without Loop Coo		Benchmark											_
December 2017		Billing	BI-3B		Reciprocal Compensation	Diagnostic											_
December 2017		Billing	BI-4B	3	Reciprocal Compensation	Diagnostic											_
December 2017		Maintenance and Repair	MR-8	1 1 1	LIS Trunk	Parity	N/A					- 1	54,490	0.00%	0.43%	0.25020	-1.21842
December 2017		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity	N/A				0.00%		54,430	0.0070	0.4570	-0.00020	-1.21042
December 2017		Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR exc		Parity	N/A				0.00%						3
December 2017		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic					0.00%						-
December 2017		Network Performance	NI-1D	Trunk Blockage to CTL-Q Fandern Old W/o TGSR e		Diagnostic											_
December 2017		Billing	BI-3A	· ·	UNEs and Resale Aggregate	Diagnostic											_
December 2017		Billing	BI-3B	3, .,	Reciprocal Compensation	Diagnostic											_
December 2017			BI-3B BI-4A	3, .,			N/A N/A				0.00%	45.516	45.847	99.28%	8.47%	0.470547	-1.10368
		Billing	BI-4A BI-4B		UNEs and Resale Aggregate	Parity	14071				0.00%	45,516	45,847	99.28%	8.47%	-0.170547	-1.10368
December 2017		Billing			Reciprocal Compensation	Diagnostic					0.000/		q	00.000/	04 400/	4 000000	0.00507
December 2017		Maintenance and Repair	MR-5A		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	8	U	88.89%	31.43%		-0.02587
December 2017		Maintenance and Repair	MR-5B		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	14		70.00%	45.83%		-1.38840
December 2017		Maintenance and Repair	MR-6D		Enhanced Extended Loops - DS1 Capable	Parity	N/A				2:50	19:39		3:56	3:24	1.126391	
December 2017		Maintenance and Repair	MR-6E		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0:00	106:51	17	6:17	10:21	-0.286354	
December 2017		Maintenance and Repair	MR-7D		Enhanced Extended Loops - DS1 Capable	Parity	N/A				50.00%	4	10	40.00%	48.99%		-1.28743
December 2017		Maintenance and Repair	MR-7E	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	4	20	20.00%	40.00%		-1.29665
December 2017		Maintenance and Repair	MR-8		Enhanced Extended Loops - DS1 Capable	Parity	N/A				32.50%	29	2,074	1.40%	11.74%	2.518246	
December 2017		Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.168074	-1.102182
December 2017		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity	N/A				0.12%						-2.936129
December 2017	WA	Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS	LIS Trunk	Diagnostic	N/A										
December 2017	WA	Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coo	LNP	Benchmark	95.00%										
December 2017	WA	Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
December 2017	WA	Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
December 2017	WA	Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
December 2017	WA	Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
December 2017	WA	Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
December 2017	WA	Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
December 2017	WA	Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.085366	-1.051899
December 2017		Maintenance and Repair	MR-8	Trouble Rate	Residence	Parity	N/A					3,805	286,384	1.33%	11.45%		-1.14109
December 2017	WA	Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						
December 2017		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic	N/A										
December 2017	WA	Pre-Ordering	PO-2A		INP	Diagnostic											
December 2017		Pre-Ordering	PO-2B		I NP	Diagnostic											_
December 2017		Pre-Ordering	PO-5A-(c)		LNP	Benchmark											_
December 2017		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45.847	99.28%	8.47%	1 /2017/	-1.869484
December 2017		Billing	BI-3A	33 - 3	UNEs and Resale Aggregate	Diagnostic					0.0070	45,510	40,047	33.2070	0.47 /0	-1.400174	-1.00340
December 2017		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.856081	-1.5204
December 2017		Maintenance and Repair	MR-5A	00 0	Enhanced Extended Loops - DS1 Capable	Parity	N/A				50.00%	43,310	45,047	88.89%	31.43%		-0.75826
			MR-5A								50.00%	0	9	00.09%	31.43%	0.397622	-0.75626
December 2017		Maintenance and Repair			Unbundled Loop - 2 Wire Non-Loaded	Diagnostic											
December 2017		Maintenance and Repair	MR-5B		Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	14	20	70.00%	45.83%		-1.388409
December 2017		Maintenance and Repair	MR-6D		Enhanced Extended Loops - DS1 Capable	Parity	N/A				2:09	19:39		3:56	3:24	0.266311	-0.83809
December 2017		Maintenance and Repair	MR-6D		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0:00	3:14		3:14	0:00	4.00001	1,0000
December 2017		Maintenance and Repair	MR-6D		Unbundled Loop Analog	Parity	N/A				16:19	161428:14		48:52	86:46		-1.621512
December 2017		Maintenance and Repair	MR-6E		Unbundled Loop - DS1 Capable	Parity	N/A				0:00	106:51	17	6:17	10:21		-1.24444
December 2017		Maintenance and Repair	MR-7D		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	4	10	40.00%	48.99%	-1.054093	-1.640843
December 2017		Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0.00%	0	1	0.00%	0.00%		
December 2017		Maintenance and Repair	MR-7D	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Unbundled Loop Analog	Parity	N/A				0.00%	531	3,605	14.73%	35.44%		-1.618419
December 2017		Maintenance and Repair	MR-7E		Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	4	20	20.00%	40.00%		-1.29665
December 2017		Maintenance and Repair	MR-8		Enhanced Extended Loops - DS1 Capable	Parity	N/A				11.29%	29		1.40%	11.74%		-1.067118
December 2017		Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.128718	-1.07825
December 2017	WA	Maintenance and Repair	MR-8	Trouble Rate	UNBUNDLED LOOP - ADSL COMPATIBLE	Parity	N/A					1	979	0.10%	3.19%	-0.090076	-1.054762
December 2017		Maintenance and Repair	MR-8		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				47.14%	1	979	0.10%	3.19%	2.506089	0.0000
December 2017	WA	Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - DS1 Capable	Parity	N/A				7.50%	30	2,120	1.42%	11.81%	-0.919936	-1.559282
December 2017	WA	Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop Analog	Parity	N/A				7.48%	4,546	431,829	1.05%	10.21%	-1.562787	-1.95010
December 2017	WA	Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						
December 2017	WA	Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic	N/A										
December 2017		Ordering and Provisioning			Unbundled Loop - 2 Wire Non-Loaded	Benchmark											
		Ordering and Provisioning			Unbundled Loop - DS1 Capable		N/A				50.00%						_
December 2017			5. 50								30.00 /0						
December 2017 December 2017		Ordering and Provisioning	OP-3D	Interval Zone 1 Areas	Unbundled Loop Analog	Benchmark	90.00%										
December 2017 December 2017 December 2017	WA	Ordering and Provisioning Ordering and Provisioning			Unbundled Loop Analog Enhanced Extended Loops - DS1 Capable	Benchmark											_

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
December 2017			Ordering and Provisioning			Unbundled Loop Analog	Benchmark											
December 2017 December 2017			Ordering and Provisioning Ordering and Provisioning			Enhanced Extended Loops - DS1 Capable Unbundled Loop - 2 Wire Non-Loaded	Benchmark Parity	6.00 N/A				0.00%	4	4	100.00%	0.00%		
December 2017 December 2017			Ordering and Provisioning			Unbundled Loop - 2 Wife Non-Loaded Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	4	4	100.00%	0.00%		
December 2017			Ordering and Provisioning			Unbundled Loop Analog	Parity	N/A				0.00%	1.108	1,173	94.46%	22.88%	-0.932123	-1 56669
December 2017			Ordering and Provisioning		Number Portability Timeliness without Loop Coo		Benchmark					0.0070	1,100	1,170	01.1070	22.0070	0.002120	1.00000
December 2017			Pre-Ordering	PO-2A		LNP	Diagnostic											
December 2017	WA		Pre-Ordering	PO-2A	All Electronic LSRs	Unbundled Loop Aggregate	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Unbundled Loop Aggregate	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-5A-(b)	FOCs on Time for Fully Electronic LSRs	Unbundled Loop AGG-EELs	Benchmark	95.00%										
December 2017			Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
December 2017			Pre-Ordering	PO-5B-(b)		Unbundled Loop AGG-EELs	Benchmark											
December 2017			Pre-Ordering	PO-9B		Unbundled Loops and Number Portability		N/A				0.00%	1	69	1.45%	11.95%	-1.405072	-1.854223
December 2017			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017			Billing	BI-3B		Reciprocal Compensation	Diagnostic											
December 2017			Billing	BI-4A		UNEs and Resale Aggregate		N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.351541	-1.213722
December 2017			Billing	BI-4B		Reciprocal Compensation	Diagnostic											
December 2017			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.183561	
December 2017 December 2017			Maintenance and Repair Maintenance and Repair	MR-8		Residence Unbundled Loop - 2 Wire Non-Loaded	Parity Parity	N/A N/A					3,805	286,384 979	1.33% 0.10%	11.45% 3.19%	-0.259471 -0.03196	
December 2017 December 2017			Maintenance and Repair	MR-8		Unbundled Loop - 2 Wire Non-Loaded Unbundled Loop Analog	Parity	N/A					4,546		1.05%	10.21%		-2.145605
December 2017			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity	N/A				0.00%	4,546	431,029	1.05%	10.21%	-1.004333	-2.145605
December 2017			Network Performance	NI-1A	Trunk Blockage to CTL-Q End Ofc wi TGSR exc		Parity	N/A				0.00%						-3
December 2017			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic					0.0070						_
December 2017			Network Performance	NI-1D	Trunk Blockage to CTL-Q Fandern Gle W/G TGSR e		Diagnostic											
December 2017			Ordering and Provisioning		Number Portability Timeliness without Loop Coo		Benchmark											
December 2017			Pre-Ordering	PO-2A		LNP	Diagnostic											
December 2017			Pre-Ordering	PO-2B		LNP	Diagnostic											
December 2017			Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
December 2017			Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
December 2017	WA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
December 2017	WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.186704	-1.113508
December 2017	WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						-0
December 2017	WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS	LIS Trunk	Diagnostic	N/A										
December 2017	WA		Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coo	LNP	Benchmark	95.00%										
December 2017	WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
December 2017			Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
December 2017			Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
December 2017			Pre-Ordering	PO-5B-(c)		LNP	Benchmark											
December 2017			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017			Billing	BI-4A		UNEs and Resale Aggregate		N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.341049	-1.207343
December 2017			Pre-Ordering	PO-2A		LNP	Diagnostic											
December 2017			Pre-Ordering	PO-2B		LNP	Diagnostic											
December 2017			Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
December 2017 December 2017			Billing Billing	BI-3A BI-4A	3, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	UNEs and Resale Aggregate UNEs and Resale Aggregate	Diagnostic Parity	N/A N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.545795	-1.33182
December 2017 December 2017			Maintenance and Repair	MR-5X		UNES and Resale Aggregate Business		N/A				0.00%	45,516	45,847	99.28% 51.59%	49.97%		-1.588414
December 2017 December 2017			Pre-Ordering	PO-2A		Resale Aggregate W/O UNE-P-POTS	Diagnostic					0.00%	308	597	51.59%	49.97%	-0.907055	-1.500414
December 2017 December 2017			Pre-Ordering Pre-Ordering	PO-2A PO-2B		Resale Aggregate W/O UNE-P-POTS Resale Aggregate W/O UNE-P-POTS	Diagnostic											
December 2017			Pre-Ordering Pre-Ordering	PO-2B PO-5A-(a)	0 0	Resale Aggregate Resale Aggregate	Benchmark											
December 2017				MR-8		LIS Trunk	Parity	N/A					- 1	54.490	0.00%	0.43%	0.330603	-1.205904
December 2017			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF			N/A				0.01%	- 1	04,430	U.UU /0	0.43%	-0.000002	-2.980253
December 2017			Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR exc			N/A				0.00%						-2.500255
December 2017			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic					0.0070						
December 2017			Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR e		Diagnostic											
December 2017			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017			Billing	BI-3B		Reciprocal Compensation	Diagnostic											
December 2017	WA		Billing	BI-4A		UNEs and Resale Aggregate		N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.737917	-1.448622
December 2017			Billing	BI-4B	00 0	Reciprocal Compensation	Diagnostic	N/A										
December 2017	WA		Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Enhanced Extended Loops - DS1 Capable		N/A				50.00%	8	9	88.89%	31.43%	0.397622	-0.758263
December 2017	WA		Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Unbundled Loop - 2 Wire Non-Loaded	Diagnostic	N/A										
December 2017	WA		Maintenance and Repair	MR-5A	All Troubles Cleared w/i 4 Hours-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	9	10	90.00%	30.00%	0.908458	-0.447697
December 2017	WA		Maintenance and Repair	MR-6D		Enhanced Extended Loops - DS1 Capable	Parity	N/A				4:39	19:39	5	3:56	3:24	-0.217267	-1.132089
December 2017	WA		Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0:00	3:14	1	3:14	0:00		
	WA		Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				0:00	20:57	6	3:30	3:13	0.729003	-0.556798

Month State December 2017 WA	Carrier	PID Category Maintenance and Repair	PID MR-6D	PID Title Mean Time to Restore Interval Zone 1	Product Category Unbundled Loop Analoa	Standard	Benchmark N/A	CLEC Numerator	CLEC Denominator	CLEC Result	CLEC Standard Deviation 0:00	CTL-Q Numerator 161428:14	CTL-Q Denominator 3.304	CTL-Q Result 48:52	CTL-Q Standard Deviation 86:46	Modified Z Score -0.395901	Parity Score -1.240691
December 2017 WA December 2017 WA		Maintenance and Repair	MR-6D MR-7D		Enhanced Extended Loops - DS1 Capable	Parity Parity	N/A N/A				0.00%	161428:14	3,304	48:52	86:46 48.99%	-0.395901	
December 2017 WA		Maintenance and Repair	MR-7D		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0.00%	0		0.00%	0.00%	-1.054093	-1.04004
December 2017 WA		Maintenance and Repair	MR-7D	4 - 4 4	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	4		40.00%	48.99%	-0.778499	-1.47329
December 2017 WA		Maintenance and Repair	MR-7D	4 - 4 4	Unbundled Loop Analog	Parity	N/A				0.00%	531	3.605	14.73%	35.44%	-0.415561	
December 2017 WA		Maintenance and Repair	MR-8		Enhanced Extended Loops - DS1 Capable	Parity	N/A				9.05%	29		1.40%	11.74%	-0.716908	-1.43584
December 2017 WA		Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.216592	
December 2017 WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				3.24%	1	979	0.10%	3.19%		-0.98788
December 2017 WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - DS1 Capable	Parity	N/A				4.00%	30	2,120	1.42%	11.81%	-2.330772	-2.41700
December 2017 WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop Analog	Parity	N/A				3.34%	4,546	431,829	1.05%	10.21%	-2.761138	-2.67865
December 2017 WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						
December 2017 WA		Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR exc	LIS Trunk	Parity	N/A				0.00%						
December 2017 WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS	LIS Trunk	Diagnostic	N/A										
December 2017 WA		Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR e		Diagnostic	N/A										
December 2017 WA		Ordering and Provisioning			Enhanced Extended Loops - DS1 Capable	Benchmark											
December 2017 WA		Ordering and Provisioning			Unbundled Loop - DS1 Capable	Parity	N/A				0.00%						
December 2017 WA		Ordering and Provisioning			Enhanced Extended Loops - DS1 Capable	Benchmark											
December 2017 WA		Ordering and Provisioning			Unbundled Loop - DS1 Capable	Benchmark											
December 2017 WA		Ordering and Provisioning		,	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%						
December 2017 WA		Ordering and Provisioning		Number Portability Timeliness without Loop Coo		Benchmark											
December 2017 WA		Pre-Ordering	PO-2A		LNP	Diagnostic											
December 2017 WA		Pre-Ordering	PO-2A		Unbundled Loop Aggregate	Diagnostic											
December 2017 WA		Pre-Ordering	PO-2B		LNP	Diagnostic											
December 2017 WA		Pre-Ordering	PO-2B		Unbundled Loop Aggregate	Diagnostic											
December 2017 WA		Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											_
December 2017 WA		Pre-Ordering	PO-5A-(b)		Unbundled Loop AGG-EELs	Benchmark											_
December 2017 WA		Pre-Ordering	PO-5A-(c)		LNP	Benchmark											_
December 2017 WA		Pre-Ordering	PO-5B-(b)		Unbundled Loop AGG-EELs	Benchmark											_
December 2017 WA		Pre-Ordering	PO-5B-(c)		LNP	Benchmark											
December 2017 WA December 2017 WA		Billing	BI-3A MR-8		UNEs and Resale Aggregate	Diagnostic						0.005	000 004	4.000/	44.450/	-0.232078	4 4 4 4 0 0
December 2017 WA December 2017 WA		Maintenance and Repair Billing	BI-3A		Residence UNEs and Resale Aggregate	Parity Diagnostic	N/A					3,805	286,384	1.33%	11.45%	-0.232078	-1.14109
December 2017 WA December 2017 WA		Billing	BI-3A BI-4A		UNEs and Resale Aggregate UNEs and Resale Aggregate	Parity	N/A N/A				0.00%	45.516	45.847	99.28%	8.47%	-0.208871	-1.12698
December 2017 WA		Maintenance and Repair	MR-8		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0.0076	45,510	979	0.10%	3.19%	-0.208871	
December 2017 WA		Maintenance and Repair	MR-8		Unbundled Loop - DS1 Capable	Parity	N/A					30	2.120	1.42%	11.81%	-0.546332	
December 2017 WA		Pre-Ordering	PO-2A		Resale Aggregate W/O UNE-P-POTS	Diagnostic	1 44 1					30	2,120	1.4270	11.0170	-0.040002	-1.50214
December 2017 WA		Pre-Ordering	PO-2A		Unbundled Loop Aggregate	Diagnostic											_
December 2017 WA		Pre-Ordering	PO-2B		Resale Aggregate W/O UNE-P-POTS	Diagnostic											_
December 2017 WA		Pre-Ordering	PO-2B		Unbundled Loop Aggregate	Diagnostic											_
December 2017 WA		Pre-Ordering	PO-5A-(a)	3	Resale Aggregate	Benchmark											
December 2017 WA		Pre-Ordering	PO-5A-(b)		Unbundled Loop AGG-EELs	Benchmark											
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017 WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
December 2017 WA		Maintenance and Repair	MR-8		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					1	979	0.10%	3.19%	-0.190931	-1.11607
December 2017 WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - DS1 Capable	Parity	N/A					30	2,120	1.42%	11.81%	-0.239391	-1.1455
December 2017 WA		Billing	BI-3B	Billing Accuracy - Adjustments for Errors	Reciprocal Compensation	Diagnostic	N/A										
December 2017 WA		Billing	BI-4B	Reciprocal Compensation (MOU):	Reciprocal Compensation	Diagnostic	N/A										
December 2017 WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.224941	-1.13675
December 2017 WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						
December 2017 WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic											
December 2017 WA		Ordering and Provisioning	OP-3D		LIS Trunk	Parity	N/A				0.00%	3	3	100.00%	0.00%		
December 2017 WA		Ordering and Provisioning			LIS Trunk	Parity	N/A				0.00%	1	1	100.00%	0.00%		
December 2017 WA		Ordering and Provisioning			LIS Trunk	Parity	N/A				0.00						
December 2017 WA		Ordering and Provisioning			LIS Trunk	Parity	N/A				0.00%	5	5	100.00%	0.00%		
December 2017 WA		Ordering and Provisioning		Number Portability Timeliness without Loop Coo		Benchmark											
December 2017 WA		Pre-Ordering	PO-2A		LNP	Diagnostic											
December 2017 WA		Pre-Ordering	PO-2B		LNP	Diagnostic											
December 2017 WA		Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
December 2017 WA		Pre-Ordering	PO-5B-(c)		LNP	Benchmark											_
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017 WA		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.147699	-1.08979
December 2017 WA		Pre-Ordering	PO-2A		Resale Aggregate W/O UNE-P-POTS	Diagnostic											-
December 2017 WA		Pre-Ordering	PO-2B		Resale Aggregate W/O UNE-P-POTS	Diagnostic											-
December 2017 WA		Pre-Ordering	PO-5A-(a)		Resale Aggregate	Benchmark											-
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic								00.000	8 47%	0.4===	4 / ***
December 2017 WA		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.170547	-1.10368
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic								00.000		4 7000	0.000
December 2017 WA		Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-1.706544	-2.03750

Month State 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
December 2017 WA	Maintenance and Repair	MR-5A MR-5A		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	8	9	88.89%	31.43%	2.989188	0.817297
December 2017 WA December 2017 WA	Maintenance and Repair Maintenance and Repair	MR-5A MR-5A		Unbundled Loop - 2 Wire Non-Loaded Unbundled Loop - DS1 Capable	Diagnostic Parity	N/A N/A				0.00%	q	10	90.00%	30.00%	3.129968	0.902886
December 2017 WA	Maintenance and Repair	MR-5B		Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	14	20	70.00%	45.83%		-1.388409
December 2017 WA	Maintenance and Repair	MR-6D		Enhanced Extended Loops - DS1 Capable	Parity	N/A				3:25	19:39	5	3:56	3:24		0.372237
December 2017 WA	Maintenance and Repair	MR-6D		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				1:55	3:14	1	3:14	0:00	2.201 123	0.572257
December 2017 WA	Maintenance and Repair	MR-6D		Unbundled Loop - DS1 Capable	Parity	N/A				8:41	20:57	6	3:30	3:13	1.027893	-0.375085
December 2017 WA	Maintenance and Repair	MR-6D		Unbundled Loop Analog	Parity	N/A				7:18	161428:14	3,304	48:52	86:46	-2.145866	-2.304594
December 2017 WA	Maintenance and Repair	MR-6E		Unbundled Loop - DS1 Capable	Parity	N/A				0:00	106:51	17	6:17	10:21		-1.24064
December 2017 WA	Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				50.00%	4	10	40.00%	48.99%	-0.123012	-1.074786
December 2017 WA	Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0.00%	0	1	0.00%	0.00%		
December 2017 WA	Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop - DS1 Capable	Parity	N/A				50.00%	4	10	40.00%	48.99%	-0.123012	-1.07478f
December 2017 WA	Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Unbundled Loop Analog	Parity	N/A				26.19%	531	3,605	14.73%	35.44%	-1.069561	-1.650247
December 2017 WA	Maintenance and Repair	MR-7E	Repair Repeat Report Rate-Zone 2	Unbundled Loop - DS1 Capable	Parity	N/A				0.00%	4	20	20.00%	40.00%	0.712443	-0.566865
December 2017 WA	Maintenance and Repair	MR-8		Enhanced Extended Loops - DS1 Capable	Parity	N/A				18.20%	29	2,074	1.40%	11.74%	1.647722	
December 2017 WA	Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.208322	
December 2017 WA	Maintenance and Repair	MR-8			Parity	N/A					1	979	0.10%	3.19%	-0.716561	-1.435638
December 2017 WA	Maintenance and Repair	MR-8		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				2.24%	1	979	0.10%	3.19%	-0.469656	
December 2017 WA	Maintenance and Repair	MR-8			Parity	N/A				7.81%	30	2,120	1.42%	11.81%		-2.122667
December 2017 WA	Maintenance and Repair	MR-8		Unbundled Loop Analog	Parity	N/A				5.26%	4,546	431,829	1.05%	10.21%	-7.407634	0.0000
December 2017 WA	Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity	N/A				0.00%						-3
December 2017 WA	Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR exc		Parity	N/A				0.00%						-3
December 2017 WA	Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic	N/A										
December 2017 WA	Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR e		Diagnostic											
December 2017 WA	Ordering and Provisioning				Benchmark											
December 2017 WA December 2017 WA	Ordering and Provisioning			Unbundled Loop - 2 Wire Non-Loaded Unbundled Loop - DS1 Capable	Benchmark Parity	90.00% N/A				0.00%						
December 2017 WA December 2017 WA	Ordering and Provisioning				Benchmark	1 44 1				0.00%						
December 2017 WA December 2017 WA	Ordering and Provisioning			Unbundled Loop Analog UNBUNDLED LOOP - ADSL COMPATIBLE												
December 2017 WA December 2017 WA	Ordering and Provisioning Ordering and Provisioning			Unbundled Loop - 2 Wire Non-Loaded	Benchmark											
December 2017 WA	Ordering and Provisioning			Unbundled Loop - DS1 Capable	Benchmark											
December 2017 WA	Ordering and Provisioning			Unbundled Loop Analog	Benchmark											
December 2017 WA	Ordering and Provisioning				Parity	N/A				0.00%	4	4	100.00%	0.00%		
December 2017 WA	Ordering and Provisioning			Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A				0.00%	4	4	100.00%	0.00%		
December 2017 WA	Ordering and Provisioning			Unbundled Loop - DS1 Capable	Parity	N/A				0.00%			100.0070	0.0070		
December 2017 WA	Ordering and Provisioning			Unbundled Loop Analog	Parity	N/A				0.00%	1.108	1,173	94.46%	22.88%	-2.51755	-2.530561
December 2017 WA	Pre-Ordering	PO-2A		LNP	Diagnostic	N/A										
December 2017 WA	Pre-Ordering	PO-2A	All Electronic LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic											
December 2017 WA	Pre-Ordering	PO-2A		Unbundled Loop Aggregate	Diagnostic	N/A										
December 2017 WA	Pre-Ordering	PO-2B		LNP	Diagnostic											
December 2017 WA	Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A										
December 2017 WA	Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Unbundled Loop Aggregate	Diagnostic	N/A										
December 2017 WA	Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
December 2017 WA	Pre-Ordering	PO-5A-(a)	FOCs on Time for Fully Electronic LSRs	Resale Aggregate	Benchmark	95.00%										
December 2017 WA	Pre-Ordering	PO-5A-(b)	FOCs on Time for Fully Electronic LSRs	Unbundled Loop AGG-EELs	Benchmark	95.00%										
December 2017 WA	Pre-Ordering	PO-5B-(a)	FOCs on Time for Electronic/Manual LSRs	Resale Aggregate	Benchmark	90.00%										
December 2017 WA	Pre-Ordering	PO-5B-(b)	FOCs on Time for Electronic/Manual LSRs	Unbundled Loop AGG-EELs	Benchmark	90.00%										
December 2017 WA	Pre-Ordering	PO-9B		Unbundled Loops and Number Portability	Parity	N/A				0.00%	1	69	1.45%	11.95%	-17.805253	#######
December 2017 WA	Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017 WA	Billing	BI-3A	3	UNEs and Resale Aggregate	Diagnostic											
December 2017 WA	Maintenance and Repair	MR-8		SUB-LOOP UNBUNDLING	Parity	N/A					30	2,379	1.26%	11.16%	-0.112987	-1.068691
December 2017 WA	Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017 WA	Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017 WA	Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				47.14%	45,516	45,847	99.28%	8.47%	3.603444	1.190738
December 2017 WA	Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017 WA	Maintenance and Repair	MR-8 BI-3A		Residence	Parity	N/A N/A					3,805	286,384	1.33%	11.45%	-0.164105	-1.099769
December 2017 WA	Billing			UNEs and Resale Aggregate	Diagnostic											
December 2017 WA	Billing	BI-4A MR-8		UNEs and Resale Aggregate	Parity	N/A N/A				0.00%	45,516	45,847	99.28%	8.47%		-1.485881 -1.118714
December 2017 WA	Maintenance and Repair	MR-8 NI-1A			Parity	N/A N/A				0.000	1	54,490	0.00%	0.43%	-0.195268	-1.118/14
December 2017 WA	Network Performance		Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity					0.00%						-3
December 2017 WA	Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic											
December 2017 WA December 2017 WA	Pre-Ordering	PO-2A		LNP LNP	Diagnostic											
	Pre-Ordering	PO-2B			Diagnostic											
December 2017 WA December 2017 WA	Pre-Ordering Pre-Ordering	PO-5A-(c)		Product Aggregate	Diagnostic Benchmark											
December 2017 WA December 2017 WA	Pre-Ordering Pre-Ordering	PO-5A-(c) PO-5B-(c)		LNP I NP	Benchmark											
December 2017 WA December 2017 WA	Billing	PU-5B-(C)	1 0 00 011 Timo for Elocitorila Mariadi Eorto	UNEs and Resale Aggregate	Diagnostic											
December 2017 WA		BI-4A		UNEs and Resale Aggregate		N/A				0.00%	45.516	45.847	99.28%	0 470/	-0.255806	-1 15554
Decellibel 2017 WA	Billing	DI-4A	UNEs and Resale Aggregate	UNES allu resale Aggregate	Parity	IN/M				0.00%	45,516	45,847	99.28%	8.47%	-ს.∠ენგენ	-1.105519

Month	State	Carrier	PID Category Maintenance and Repair	PID	PID Title Out of Service cleared w/i 24 hours	Product Category	Standard	Benchmark	CLEC Numerator	CLEC Denominator	CLEC Result	CLEC Standard Deviation	CTL-Q Numerator	CTL-Q Denominator	CTL-Q Result 43.56%	CTL-Q Standard Deviation	Modified Z Score	Parity Score
December 2017 December 2017				MR-5X MR-6B		SUB-LOOP UNBUNDLING SUB-LOOP UNBUNDLING	Parity	N/A N/A				0.00%	1,840 47422:10	4,224 854	43.56%	49.58%	-1.970837 -1.016933	
			Maintenance and Repair				Parity					2:01	47422:10			58:20		
December 2017			Maintenance and Repair	MR-7B		SUB-LOOP UNBUNDLING	Parity	N/A				0.00%	1	3	33.33%	47.14%		-1.526506
December 2017			Maintenance and Repair	MR-8		SUB-LOOP UNBUNDLING	Parity	N/A				11.65%	30	2,379	1.26%	11.16%	-0.081879	-1.049779
December 2017			Ordering and Provisioning		Interval for Pending Orders Delayed Past Due D	, ,	Diagnostic											
December 2017			Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
December 2017			Pre-Ordering	PO-5B-(b)		Unbundled Loop AGG-EELs	Benchmark											
December 2017			Pre-Ordering	PO-2A		LNP	Diagnostic											
December 2017	WA		Pre-Ordering	PO-2B	3 3 4 4 4	LNP	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
December 2017	WA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
December 2017	WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.093446	-1.056811
December 2017	WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					1	54.490	0.00%	0.43%	-0.086628	-1.052666
December 2017	WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						-3
December 2017			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic											-
December 2017			Ordering and Provisioning		Number Portability Timeliness without Loop Coo		Benchmark								_			_
December 2017			Pre-Ordering	PO-2A		INP	Diagnostic											-
							- 5								_			-
December 2017			Pre-Ordering	PO-2B		LNP	Diagnostic											-
December 2017			Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
December 2017			Pre-Ordering	PO-5B-(c)		LNP	Benchmark											
December 2017			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.145349	-1.088366
December 2017			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity	N/A				0.00%						-3
December 2017	WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS	LIS Trunk	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
December 2017			Pre-Ordering	PO-5A-(c)		I NP	Benchmark											
December 2017			Pre-Ordering	PO-5B-(c)		LNP	Benchmark								_			_
December 2017			Maintenance and Repair	MR-5B		I IS Trunk	Parity	N/A				0.00%	0	4	0.00%	0.00%		-
				MR-6F				1 40 1 1					-	1	0.0070			-
December 2017			Maintenance and Repair			LIS Trunk	Parity	N/A				0:00	150:27	1	150:27	0:00		
December 2017			Maintenance and Repair	MR-7E		LIS Trunk	Parity	N/A				0.00%	0	1	0.00%	0.00%		
December 2017			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A				2.40%	1	54,490	0.00%	0.43%	5.353227	2.254531
December 2017	WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						-3
December 2017	WA		Network Performance	NI-1B	Trunk Blockage to CTL-Q End Ofc wi TGSR exc	LIS Trunk	Parity	N/A				0.00%						-3
December 2017	WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS	LIS Trunk	Diagnostic	N/A										
December 2017	WA		Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR e	LIS Trunk	Diagnostic	N/A										
December 2017	WA		Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coo		Benchmark											
December 2017	WA		Pre-Ordering	PO-2A	All Electronic LSRs	I NP	Diagnostic	N/A										
December 2017			Pre-Ordering	PO-2B		I NP	Diagnostic	N/A										
December 2017			Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
December 2017				PO-5A-(c)		I NP	Benchmark											-
December 2017			Pre-Ordering			LNP	Benchmark											_
			Pre-Ordering	PO-5B-(c)														-
December 2017			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017			Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.120597	
December 2017			Maintenance and Repair	MR-8		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					1	979	0.10%	3.19%		-1.179159
December 2017	WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - DS1 Capable	Parity	N/A					30	2,120	1.42%	11.81%	-0.50616	-1.307723
December 2017	WA		Pre-Ordering	PO-2A	All Electronic LSRs	Resale Aggregate W/O UNE-P-POTS	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-2A	All Electronic LSRs	Unbundled Loop Aggregate	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	Unbundled Loop Aggregate	Diagnostic											
December 2017	WA		Pre-Ordering	PO-5A-(b)		Unbundled Loop AGG-EELs	Benchmark	95.00%										
December 2017			Pre-Ordering	PO-5B-(a)		Resale Aggregate	Benchmark											
December 2017			Pre-Ordering	PO-5B-(b)		Unbundled Loop AGG-EELs	Benchmark											
December 2017			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											\vdash
December 2017 December 2017			J	BI-3A BI-4A		00 0	Parity	N/A N/A				0.00%	45.516	45.847	99.28%	8.47%	0.200074	-1.126985
			Billing			UNEs and Resale Aggregate						0.00%	45,516	45,847	99.28%	8.47%	-0.∠088/1	-1.126985
December 2017			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017			Billing	BI-3B	3, .,	Reciprocal Compensation	Diagnostic											
December 2017			Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.341049	-1.207343
December 2017			Billing	BI-4B	Reciprocal Compensation (MOU):	Reciprocal Compensation	Diagnostic	N/A										
December 2017	WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.296604	-1.180323
December 2017	WA		Maintenance and Repair	MR-8	Trouble Rate	Residence	Parity	N/A					3,805	286,384	1.33%	11.45%	-0.11604	-1.070547
December 2017	WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					1	979	0.10%	3.19%	-0.333049	-1.202479
December 2017			Maintenance and Repair	MR-8		Unbundled Loop Analog	Parity	N/A					4.546	431.829	1.05%	10.21%		-2.431867
December 2017			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity	N/A				0.00%	1,0 10	.51,023		. 0.2 1 70		-2.401007
December 2017	****		Network Performance	NI-1A NI-1B	Trunk Blockage to CTL-Q Fand Ofc wi TGSR exc		Parity	N/A				0.00%						-3
					Ü		. ,					0.00%						-3
December 2017			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic											-
December 2017			Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR e		Diagnostic											
	WA		Ordering and Provisioning	OP-8C	Number Portability Timeliness without Loop Coo	INP	Benchmark	95.00%										

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
December 2017 WA		Pre-Ordering	PO-2A		LNP	Diagnostic											
December 2017 WA December 2017 WA		Pre-Ordering Pre-Orderina	PO-2B PO-3X		LNP	Diagnostic Diagnostic											
December 2017 WA		Pre-Ordering Pre-Orderina	PO-3X PO-5A-(c)		Product Aggregate	Benchmark											_
December 2017 WA		Pre-Ordering Pre-Ordering	PO-5A-(c)		INP	Benchmark											
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											_
December 2017 WA		Maintenance and Repair	MR-8		Enhanced Extended Loops - DS1 Capable	Parity	N/A					29	2,074	1.40%	11.74%	-0.393913	-1.23948
December 2017 WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.059256	-1.03602
December 2017 WA		Maintenance and Repair	MR-8		Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					1	979	0.10%	3.19%	-0.198228	
December 2017 WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - DS1 Capable	Parity	N/A					30	2,120	1.42%	11.81%	-0.267584	-1.1626
December 2017 WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						
December 2017 WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS	LIS Trunk	Diagnostic	N/A										
December 2017 WA		Pre-Ordering	PO-2A	All Electronic LSRs	Unbundled Loop Aggregate	Diagnostic	N/A										
December 2017 WA		Pre-Ordering	PO-2B		Unbundled Loop Aggregate	Diagnostic											
December 2017 WA		Pre-Ordering	PO-5B-(b)		Unbundled Loop AGG-EELs	Benchmark											
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017 WA		Billing	BI-3B		Reciprocal Compensation	Diagnostic											
December 2017 WA		Billing	BI-4A	00 0	UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.225605	-1.13715
December 2017 WA		Billing	BI-4B		Reciprocal Compensation	Diagnostic											
December 2017 WA		Maintenance and Repair	MR-8		Enhanced Extended Loops - DS1 Capable	Parity	N/A					29	2,074	1.40%	11.74%		
December 2017 WA December 2017 WA		Maintenance and Repair	MR-8 NI-1A		LIS Trunk	Parity	N/A N/A				0.00%	1	54,490	0.00%	0.43%	-0.177859	
		Network Performance		Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity					0.00%						
December 2017 WA December 2017 WA		Network Performance Ordering and Provisioning	NI-1C OP-3D	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS Interval Zone 1 Areas	Enhanced Extended Loops - DS1 Capable	Diagnostic Benchmark											
December 2017 WA		Ordering and Provisioning			Enhanced Extended Loops - DS1 Capable	Benchmark											_
December 2017 WA		Ordering and Provisioning		Number Portability Timeliness without Loop Coo		Benchmark											_
December 2017 WA		Pre-Ordering	PO-2A		INP	Diagnostic											-
December 2017 WA		Pre-Ordering Pre-Ordering	PO-2A PO-2B		INP	Diagnostic											-
December 2017 WA		Pre-Ordering Pre-Ordering	PO-2B		Product Aggregate	Diagnostic											-
December 2017 WA		Pre-Ordering Pre-Ordering	PO-5A-(b)		Unbundled Loop AGG-EELs	Benchmark											-
December 2017 WA		Pre-Ordering	PO-5A-(c)		LNP	Benchmark											_
December 2017 WA		Pre-Ordering Pre-Ordering	PO-5A-(c)		Unbundled Loop AGG-EELs	Benchmark											_
December 2017 WA		Pre-Ordering	PO-5B-(c)		LNP	Benchmark											_
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017 WA		Ordering and Provisioning		Number Portability Timeliness without Loop Coo		Benchmark											
December 2017 WA		Pre-Ordering	PO-2A		LNP	Diagnostic	N/A										
December 2017 WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic											
December 2017 WA		Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic											
December 2017 WA		Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
December 2017 WA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
December 2017 WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
December 2017 WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.106406	-1.0646
December 2017 WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					1	979	0.10%	3.19%	-0.175284	-1.10656
December 2017 WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						
December 2017 WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS	LIS Trunk	Diagnostic	N/A										
December 2017 WA		Billing	BI-3A	Billing Accuracy - Adjustments for Errors	UNEs and Resale Aggregate	Diagnostic	N/A										
December 2017 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%	8	9	88.89%	31.43%	0.841621	-0.48833
December 2017 WA		Maintenance and Repair	MR-6D		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0:00	19:39	5	3:56	3:24	0.212137	
December 2017 WA		Maintenance and Repair	MR-7D		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	4	10	40.00%	48.99%	-0.778499	
December 2017 WA		Maintenance and Repair	MR-8		Enhanced Extended Loops - DS1 Capable	Parity	N/A				37.27%	29	2,074	1.40%	11.74%	1.381424	-0.16015
December 2017 WA		Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
December 2017 WA		Pre-Ordering	PO-5B-(b)		Unbundled Loop AGG-EELs	Benchmark											
December 2017 WA		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.120597	
December 2017 WA		Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.036327	
December 2017 WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity	N/A				0.00%						
December 2017 WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic											
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017 WA		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.085276	
December 2017 WA		Maintenance and Repair	MR-8		Residence	Parity	N/A					3,805	286,384	1.33%	11.45%	-0.464147	-1.28218
December 2017 WA		Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017 WA		Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.085276	
December 2017 WA		Maintenance and Repair	MR-8		Unbundled Loop - DS1 Capable	Parity	N/A					30	2,120	1.42%	11.81%	-0.11978	-1.07282
December 2017 WA		Pre-Ordering	PO-2A		LNP	Diagnostic											
December 2017 WA		Pre-Ordering	PO-2B		LNP	Diagnostic											
December 2017 WA		Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											-
December 2017 WA		Pre-Ordering	PO-5A-(c)		LNP	Benchmark											-
December 2017 WA		Pre-Ordering	PO-2A		LNP	Diagnostic											-
December 2017 WA		Billing	BI-2	Invoices Delivered within 10 Days	All	Parity by De	N/A										

			212		919				0.50	0.50	0.50	CLEC		0.00	O.W. O	CTL-Q		
Marrie	0	0	PID	PID	PID Title	Product	Oten dend	D b	CLEC	CLEC	CLEC Result	Standard	CTL-Q	CTL-Q	CTL-Q Result	Standard	Modified	Parity
Month December 2017	State	Carrier	Category Database Updates	DB-1B		LIDB	Standard Diagnostic		Numerator	Denominator	Result	Deviation	Numerator	Denominator	Result	Deviation	Z Score	Score
December 2017			Database Updates	DB-1C-1		Directory Listing	Diagnostic											
December 2017			Maintenance and Repair	MR-8		LIS Trunk	Parity	N/A					- 1	54.490	0.00%	0.43%	-0.168691	-1.10255
December 2017			Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF		Parity	N/A				0.03%		54,450	0.0070	0.4370	-0.100031	-2.98856
December 2017			Network Performance	NI-1A	Trunk Blockage to CTL-Q End Ofc wi TGSR exc		Parity	N/A				0.03%						-2.99275
December 2017			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic					0.0276						-2.55215
December 2017			Network Performance	NI-1D	Trunk Blockage to CTL-Q End Ofc w/o TGSR e		Diagnostic											
December 2017			Ordering and Provisioning		Number Portability Timeliness without Loop Coo		Benchmark											
December 2017			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017			Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45.516	45.847	99.28%	8.47%	-0.241179	1 14662
December 2017			Maintenance and Repair	MR-8	00 0	Residence	Parity	N/A				0.00%	3.805	286.384	1.33%	11.45%	-0.11604	
December 2017				MR-8		Residence		N/A					3,805	286,384	1.33%	11.45%		-1.07054
			Maintenance and Repair			I NP	Parity						3,805	286,384	1.33%	11.45%	-0.11604	-1.07054
December 2017			Pre-Ordering	PO-2A			Diagnostic											
December 2017			Pre-Ordering	PO-2B		LNP	Diagnostic											
December 2017			Pre-Ordering	PO-3X		Product Aggregate	Diagnostic											
December 2017			Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
December 2017			Pre-Ordering	PO-5B-(c)		LNP	Benchmark											
December 2017			Billing	BI-3A		UNEs and Resale Aggregate	Diagnostic											
December 2017			Billing	BI-4A	00 0	UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.170547	
December 2017			Maintenance and Repair	MR-5A		Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	8	9	88.89%	31.43%	0.841621	
December 2017	WA		Maintenance and Repair	MR-6D	Mean Time to Restore Interval Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0:00	19:39	5	3:56	3:24	0.493018	-0.70026
December 2017	WA		Maintenance and Repair	MR-7D	Repair Repeat Report Rate-Zone 1	Enhanced Extended Loops - DS1 Capable	Parity	N/A				0.00%	4	10	40.00%	48.99%	-0.778499	-1.47329
December 2017	WA		Maintenance and Repair	MR-8	Trouble Rate	Enhanced Extended Loops - DS1 Capable	Parity	N/A				16.43%	29	2,074	1.40%	11.74%	0.239377	-0.85446
December 2017	WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - 2 Wire Non-Loaded	Parity	N/A					1	979	0.10%	3.19%	-0.339036	-1.20611
December 2017	WA		Maintenance and Repair	MR-8	Trouble Rate	Unbundled Loop - DS1 Capable	Parity	N/A					30	2,120	1.42%	11.81%	-0.358665	-1.21805
December 2017	WA		Pre-Ordering	PO-2A	All Electronic LSRs	Unbundled Loop Aggregate	Diagnostic	N/A										
December 2017	WA.		Pre-Ordering	PO-5A-(b)	FOCs on Time for Fully Electronic LSRs	Unbundled Loop AGG-EELs	Benchmark	95.00%										
December 2017	WA		Billing	BI-4A	UNEs and Resale Aggregate	UNEs and Resale Aggregate	Parity	N/A				0.00%	45,516	45,847	99.28%	8.47%	-0.085276	-1.05184
December 2017	WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.177665	-1.10801
December 2017	WA		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						-2.980
December 2017	WA		Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS	LIS Trunk	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-2A	All Electronic LSRs	LNP	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-2B	All Flow-through Eligible LSRs	LNP	Diagnostic	N/A										
December 2017	WA		Pre-Ordering	PO-3X	Electronic LSRs Rejected Manually	Product Aggregate	Diagnostic	N/A										
December 2017	WA.		Pre-Ordering	PO-5A-(c)	FOCs on Time for Fully Electronic LSRs	LNP	Benchmark	95.00%										
December 2017	WA		Pre-Ordering	PO-5B-(c)	FOCs on Time for Electronic/Manual LSRs	LNP	Benchmark	90.00%										
December 2017	WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					1	54,490	0.00%	0.43%	-0.172944	-1.10514
December 2017	WA.		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						
December 2017			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic											
December 2017	WA		Maintenance and Repair	MR-8	Trouble Rate	LIS Trunk	Parity	N/A					1	54.490	0.00%	0.43%	-0.117893	-1.07167
December 2017	WA.		Network Performance	NI-1A	Trunk Blockage to CTL-Q Tandem Ofc wi TGSF	LIS Trunk	Parity	N/A				0.00%						
December 2017			Network Performance	NI-1C	Trunk Blockage to CTL-Q Tandem Ofc w/o TGS		Diagnostic											
December 2017			Ordering and Provisioning		Number Portability Timeliness without Loop Coo		Benchmark											
December 2017			Pre-Orderina	PO-2A		LNP	Diagnostic											
December 2017			Pre-Ordering	PO-2B		LNP	Diagnostic											
December 2017			Pre-Ordering	PO-5A-(c)		LNP	Benchmark											
December 2017			Pre-Ordering	PO-5A-(c)		INP	Benchmark											
December 2017			Billing	BI-4A		UNEs and Resale Aggregate	Parity	N/A				0.00%	45.516	45.847	99.28%	8.47%	-0.085276	1.05104
December 2017	WVV		Dilling	DI-4A	UNES and Resale Aggregate	UNES and Resale Aggregate	ranty	IN/A				0.00%	45,516	45,047	99.20%	0.47%	-U.U002/b	-1.05184