

## **Qwest Corporation (Qwest or CTL-Q) Performance Results**

## South Dakota April 2016 - April 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.

May 9, 2017

CenturyLink QC Performance Results - Current 271 PID

| Month                    | PID Category                    | PID            | PID Title  | Product Category                      | Standard         | Benchmark     | CLEC Numerator | LEC Denominator |         | CLEC Standard Deviation | CTL-Q Numerator | CTL-Q Denominator | CTL-Q Result | CTL-Q Standard Deviation | Modified Z Score | Parity Scor |
|--------------------------|---------------------------------|----------------|--|---------------------------------------|------------------|---------------|----------------|-----------------|---------|-------------------------|-----------------|-------------------|--------------|--------------------------|------------------|-------------|
| April 2017               | Billing                         | BI-2           | Invoices Delivered within 10 Days                | All                                   | Parity by Design | N/A           | 173            | 173             | 100.00% |                         |                 |                   |              |                          |                  |             |
| pril 2017                | Billing                         | BI-3A          | Billing Accuracy - Adjustments for Errors        | UNEs and Resale Aggregate             | Diagnostic       | N/A           | 108,883        | 108,883         | 100.00% |                         |                 |                   |              |                          |                  |             |
| pril 2017                | Billing                         | BI-3B          | Billing Accuracy - Adjustments for Errors        | Reciprocal Compensation               | Diagnostic       | N/A           | 60             | 60              | 100.00% |                         |                 |                   |              |                          |                  |             |
| pril 2017                | Billing                         | BI-4A          | UNEs and Resale Aggregate                        | UNEs and Resale Aggregate             | Parity           | N/A           | 289            | 289             | 100.00% | 0.00%                   | 5,204           | 5,222             | 99.66%       | 5.86%                    | -0.97324         | 4 -1.59168  |
| pril 2017                | Billing                         | BI-4B          | Reciprocal Compensation (MOU):                   | Reciprocal Compensation               | Diagnostic       | N/A           | 60             | 60              | 100.00% |                         |                 |                   |              |                          |                  |             |
| pril 2017                | Database Updates                | DB-1B          | All  | LIDB                                  | Diagnostic       | N/A           | 3,035,607      | 2,803,161       | 1.08    |                         |                 |                   |              |                          |                  |             |
| pril 2017                | Database Updates                | DB-1C-1        | All  | Directory Listing                     | Diagnostic       | N/A           | 1920.36        | 5,136           | 0.37    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR                       | IMAGUI                                | Diagnostic       | N/A           | 28,800         | 28,800          | 100.00% |                         |                 |                   |              |                          |                  |             |
| April 2017               | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR                       | SIA                                   | Diagnostic       | N/A           | 28,800         | 28,800          | 100.00% |                         |                 |                   |              |                          |                  |             |
| April 2017               | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR                       | XML                                   | Diagnostic       | N/A           | 28,476         | 28,476          | 100.00% |                         |                 |                   |              |                          |                  |             |
| April 2017               | Electronic Gateway Availability | GA-3           | Gateway Availability - Repair                    | EBTA                                  | Diagnostic       | N/A           | 41,400         | 41,400          | 100.00% |                         |                 |                   |              |                          |                  |             |
| April 2017               | Electronic Gateway Availability | GA-3           | Gateway Availability - Repair                    | RepairGUI                             | Diagnostic       | N/A           | 40,125         | 40,125          | 100.00% |                         |                 |                   |              |                          |                  |             |
| April 2017               | Electronic Gateway Availability | GA-4           | System Availability - ASR                        | EASE                                  | Diagnostic       | N/A           | 25,500         | 25,500          | 100.00% |                         |                 |                   |              |                          |                  |             |
| April 2017               | Electronic Gateway Availability | GA-4           | System Availability - ASR                        | EXACT                                 | Diagnostic       | N/A           | 0              | 0               |         |                         |                 |                   |              |                          |                  |             |
| April 2017               | Electronic Gateway Availability | GA-7           | Timely Outage Resolution after Software Releases | ALL                                   | Diagnostic       | N/A           | 0              | 0               |         |                         |                 |                   |              |                          |                  |             |
| April 2017               | Maintenance and Repair          | MR-5B          | All Troubles Cleared w/i 4 Hours-Zone 2          | Unbundled Loop - DS1 Capable          | Parity           | N/A           | 1              | 1               | 100.00% | 0.00%                   | 0               | 1                 | 0.00%        | 0.00%                    |                  |             |
| April 2017               | Maintenance and Repair          | MR-5X          | Out of Service cleared w/i 24 hours              | Business                              | Parity           | N/A           | 0              | 2               | 0.00%   | 0.00%                   | 40              | 89                | 44.94%       | 49.74%                   | 0.492012         | 2 -0.70087  |
| April 2017               | Maintenance and Repair          | MR-6A          | Mean Time to Restore-Disp w/i MSA                | Residence                             | Parity           | N/A           | 92:28          | 2               | 46:14   | 38:32                   | 13135:12        | 170               | 77:16        | 120:49                   | -0.361131        | 1 -1.21955  |
| April 2017               | Maintenance and Repair          | MR-6E          | Mean Time to Restore Interval Zone 2             | Unbundled Loop - DS1 Capable          | Parity           | N/A           | 1:59           | - 1             | 1:59    | 0:00                    | 26:18           | 1                 | 26:18        |                          |                  |             |
| April 2017               | Maintenance and Repair          | MR-6E          | Mean Time to Restore Interval Zone 2             | Unbundled Loop Analog                 | Parity           | N/A           | 9:02           | 1               | 9:02    | 0:00                    | 33206:25        | 394               | 84:17        |                          |                  | -1.38216    |
| April 2017               | Maintenance and Repair          | MR-8           | Trouble Rate                                     | Enhanced Extended Loops - DS1 Capable |                  | N/A           | 0              | 30              | 0.00%   |                         | 1               | 185               | 0.54%        |                          |                  |             |
| April 2017               | Maintenance and Repair          | MR-8           | Trouble Rate                                     | LIS Trunk                             | Parity           | N/A           | 0              | 9,626           | 0.00%   |                         | 1               | 8,496             | 0.01%        |                          |                  |             |
| April 2017               | Maintenance and Repair          | MR-8           | Trouble Rate                                     | Residence                             | Parity           | N/A           | 2              | 29              | 6.90%   | 25.34%                  | 321             | 21,826            | 1.47%        |                          |                  |             |
| April 2017               | Maintenance and Repair          | MR-8           | Trouble Rate                                     | Unbundled Loop - 2 Wire Non-Loaded    | Parity           | N/A           | 0              | 19              | 0.00%   |                         | 0               | 129               | 0.00%        |                          |                  |             |
| April 2017               | Maintenance and Repair          | MR-8           | Trouble Rate                                     | Unbundled Loop - DS1 Capable          | Parity           | N/A           | 1              | 84              | 1.19%   | 10.85%                  | 1               | 222               | 0.45%        |                          | 0.064422         | 2 -0.96083  |
| April 2017               | Maintenance and Repair          | MR-8           | Trouble Rate                                     | Unbundled Loop Analog                 | Parity           | N/A           | 1              | 242             | 0.41%   | 6.41%                   | 419             | 36,431            | 1.15%        |                          |                  |             |
| April 2017               | Maintenance and Repair          | MR-9A          | Repair Appointments Met-Disp w/I MSA             | Residence                             | Parity           | N/A           | 2              | 2               | 100.00% | 0.00%                   | 150             | 178               | 84.27%       |                          |                  |             |
| April 2017               | Network Performance             | NI-1A          |  | LIS Trunk                             | Parity           | N/A           | 0              | 1,776           | 0.00%   | 0.00%                   | 100             | 170               | 04.2770      | 00.4170                  | 0.007000         |             |
| April 2017               | Network Performance             |                | Trunk Blockage to CTL-Q End Ofc wi TGSR excl     | LIS Trunk                             | Parity           | N/A           | 0              | 2,301           | 0.00%   | 0.00%                   |                 |                   |              |                          |                  |             |
| April 2017               | Network Performance             | NI-1C          | Trunk Blockage to CTL-Q Tandem Ofc w/o TGSR excl |                                       | Diagnostic       | N/A           | 0              | 1,776           | 0.00%   | 0.0078                  |                 |                   |              |                          |                  |             |
| April 2017               | Network Performance             | NI-1D          | -  | LIS Trunk                             | Diagnostic       | N/A           | 0              | 2,301           | 0.00%   |                         |                 |                   |              |                          |                  |             |
| April 2017               | Ordering and Provisioning       | OP-3A          | Dispatches within MSAs                           | Residence                             | Parity           | N/A           | 1              | 2,301           | 100.00% | 0.00%                   | 78              | 87                | 89.66%       | 30.45%                   | -0.337748        | 3 -1.20533  |
| April 2017<br>April 2017 |                                 | OP-3E          | 1 · ·  | LIS Trunk                             | ,                | N/A           | 1              | 1               | 100.00% | 0.00%                   | 70              | 07                | 09.00%       | 30.43%                   | -0.337740        | -1.20333    |
| April 2017<br>April 2017 | Ordering and Provisioning       | OP-3E<br>OP-4A | Interval Zone 2 Areas<br>Dispatches within MSAs  | Residence                             | Parity<br>Parity | N/A<br>N/A    | 10             | 1               | 100.00% | 0.00%                   | 571             | 72                | 7.93         | 5.76                     | 0.709523         | 3 -0.56864  |
| April 2017               | Ordering and Provisioning       | OP-4A<br>OP-8C | Number Portability Timeliness without Loop Coord | LNP                                   | Benchmark        | 95.00%        | 282            | 282             | 100.00% | 0.00                    | 571             | 12                | 7.93         | 5.70                     | 0.709523         | -0.30804    |
|                          | Ordering and Provisioning       |                |  |                                       |                  | 95.00%<br>N/A | 6935.60        |                 |         |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Address Validation)    | REQUEST                               | Diagnostic       |               |                | 19,816          | 0.35    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Address Validation)    | RESPONSE                              | Diagnostic       | N/A<br>N/A    | 15437.18       | 12,758          | 1.21    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                |  | TOTAL                                 | Diagnostic       |               | 22372.78       | 19,816          |         |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Appt. Scheduler)       | REQUEST                               | Diagnostic       | N/A           | 3261.96        | 4,182           | 0.78    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Appt. Scheduler)       | TOTAL                                 | Diagnostic       | N/A           | 3800.82        | 4,182           | 0.91    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Facility Assignment)   | REQUEST                               | Diagnostic       | N/A           | 762.82         | 1,774           | 0.43    |                         |                 |                   |              |                          |                  | <u> </u>    |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Facility Assignment)   | RESPONSE                              | Diagnostic       | N/A           | 1213.38        | 1,134           | 1.07    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Facility Assignment)   | TOTAL                                 | Diagnostic       | N/A           | 1976.20        | 1,774           | 1.11    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Facility Check)        | REQUEST                               | Diagnostic       | N/A           | 3337.66        | 3,881           | 0.86    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Facility Check)        | RESPONSE                              | Diagnostic       | N/A           | 7926.68        | 3,739           | 2.12    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Facility Check)        | TOTAL                                 | Diagnostic       | N/A           | 11264.34       | 3,881           | 2.90    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Get CSR)               | REQUEST                               | Diagnostic       | N/A           | 8015.72        | 7,562           | 1.06    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Get CSR)               | RESPONSE                              | Diagnostic       | N/A           | 6372.60        | 5,590           | 1.14    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Get CSR)               | TOTAL                                 | Diagnostic       | N/A           | 14388.32       | 7,562           | 1.90    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Meet Point Inquiry)    | REQUEST                               | Diagnostic       | N/A           | 2171.19        | 1,029           | 2.11    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Meet Point Inquiry)    | RESPONSE                              | Diagnostic       | N/A           | 644.76         | 1,194           | 0.54    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    |                | Pre-Order Response Times (Meet Point Inquiry)    | TOTAL                                 | Diagnostic       | N/A           | 2815.95        | 1,029           | 2.74    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times (Service Availability)  | REQUEST                               | Diagnostic       | N/A           | 3576.72        | 6,387           | 0.56    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times (Service Availability)  | RESPONSE                              | Diagnostic       | N/A           | 7980.80        | 13,760          | 0.58    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times (Service Availability)  | TOTAL                                 | Diagnostic       | N/A           | 11557.52       | 6,387           | 1.81    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times (TN Reservation)        | ACCEPT                                | Diagnostic       | N/A           | 245.04         | 1,021           | 0.24    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times (TN Reservation)        | REQUEST                               | Diagnostic       | N/A           | 803.19         | 1,959           | 0.41    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times (TN Reservation)        | RESPONSE                              | Diagnostic       | N/A           | 1160.46        | 921             | 1.26    |                         |                 |                   |              |                          |                  |             |
| April 2017               | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times (TN Reservation)        | TOTAL                                 | Diagnostic       | N/A           | 2208.69        | 1,959           | 1.13    |                         |                 |                   |              |                          |                  |             |
|                          | Pre-Ordering                    |                | Pre-Order Response Times(Loop Qual Tools)        | REQUEST                               | Diagnostic       | N/A           | 2507.01        | 3,531           | 0.71    |                         |                 |                   |              |                          |                  |             |

| Month                    | PID Category                    | PID          | PID Title   | Product Category                      | Standard         |            |           |           |          | CLEC Standard Deviation | CTL-Q Numerator | CTL-Q Denominator | CTL-Q Result | CTL-Q Standard Deviation | Modified Z Score | Parity Score |
|--------------------------|---------------------------------|--------------|---|---------------------------------------|------------------|------------|-----------|-----------|----------|-------------------------|-----------------|-------------------|--------------|--------------------------|------------------|--------------|
| April 2017               | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times(Loop Qual Tools)         | RESPONSE                              | Diagnostic       | N/A        | 52012.08  | 2,726     | 19.08    |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times(Loop Qual Tools)         | TOTAL                                 | Diagnostic       | N/A        | 54519.09  | 3,531     | 15.44    |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Address Validation XML) | XML Request/Response                  | Diagnostic       | N/A        | 8412.78   | 4,523     | 1.86     |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Appt. Scheduler XML)    | XML Request/Response                  | Diagnostic       | N/A        | 7846.64   | 4,562     | 1.72     |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Facility Check XML)     | XML Request/Response                  | Diagnostic       | N/A        | 68643.84  | 6,976     | 9.84     |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Get CSR XML)            | XML Request/Response                  | Diagnostic       | N/A        | 26307.84  | 6,324     | 4.16     |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Loop Qual Tools XML)    | XML Request/Response                  | Diagnostic       | N/A        | 46802.56  | 3,472     | 13.48    |                         |                 |                   |              |                          |                  | 1            |
| April 2017               | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Meet Point Inquiry XML) | XML Request/Response                  | Diagnostic       | N/A        | 3944.75   | 775       | 5.09     |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Service Avail XML)      | XML Request/Response                  | Diagnostic       | N/A        | 15057.00  | 4,780     | 3.15     |                         |                 |                   |              |                          |                  | 1            |
| April 2017               | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (TN Reservation XML)     | XML Request/Response                  | Diagnostic       | N/A        | 3787.20   | 3,156     | 1.20     |                         |                 |                   |              |                          |                  | 1            |
| April 2017               | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times(Connecting Fac Assgn XM  | I XML Request/Response                | Diagnostic       | N/A        | 5676.92   | 1,636     | 3.47     |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-2A        | All Electronic LSRs                               | LNP                                   | Diagnostic       | N/A        | 121       | 169       | 71.60%   |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-2A        | All Electronic LSRs                               | Resale Aggregate W/O UNE-P-POTS       | Diagnostic       | N/A        | 90        | 126       | 71.43%   |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-2A        | All Electronic LSRs                               | Unbundled Loop Aggregate              | Diagnostic       | N/A        | 3         | 11        | 27.27%   |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-2B        | All Flow-through Eligible LSRs                    | LNP                                   | Diagnostic       | N/A        | 121       | 122       | 99.18%   |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-2B        | All Flow-through Eligible LSRs                    | Resale Aggregate W/O UNE-P-POTS       | Diagnostic       | N/A        | 90        | 90        | 100.00%  |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    |              |   | Unbundled Loop Aggregate              | Diagnostic       | N/A        | 3         | 3         | 100.00%  |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-3X        | Electronic LSRs Rejected Manually                 | Product Aggregate                     | Diagnostic       | N/A        | 27:11     | 38        | 0:43     |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-5A-(a)    | FOCs on Time for Fully Electronic LSRs            | Resale Aggregate                      | Benchmark        | 95.00%     | 107       | 107       | 100.00%  |                         |                 |                   |              |                          |                  | <u> </u>     |
| April 2017               | Pre-Ordering                    | PO-5A-(b)    | FOCs on Time for Fully Electronic LSRs            | Unbundled Loop AGG-EELs               | Benchmark        | 95.00%     | 3         | 3         | 100.00%  |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | . ,          |   | LNP                                   | Benchmark        | 95.00%     | 113       | 113       | 100.00%  |                         |                 |                   |              |                          |                  | <u> </u>     |
| April 2017               | Pre-Ordering                    |              |   | Resale Aggregate                      | Benchmark        | 90.00%     | 14        | 14        | 100.00%  |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-5B-(b)    | FOCs on Time for Electronic/Manual LSRs           | Unbundled Loop AGG-EELs               | Benchmark        | 90.00%     | 7         | 7         | 100.00%  |                         |                 |                   |              |                          |                  | <u> </u>     |
| April 2017               | Pre-Ordering                    | PO-5B-(c)    | FOCs on Time for Electronic/Manual LSRs           | LNP                                   | Benchmark        | 90.00%     | 43        | 43        | 100.00%  |                         |                 |                   |              |                          |                  |              |
| April 2017               | Pre-Ordering                    | PO-5D        |   | LIS Trunk                             | Benchmark        | 85.00%     | 2         | 2         | 100.00%  |                         |                 |                   |              |                          |                  |              |
| March 2017               | Billing                         |              | Invoices Delivered within 10 Days                 | All                                   | Parity by Design | N/A        | 242       | 242       | 100.00%  |                         |                 |                   |              |                          |                  | <u> </u>     |
| March 2017               | Billing                         | BI-3A        | Billing Accuracy - Adjustments for Errors         | UNEs and Resale Aggregate             | Diagnostic       | N/A        | 110,899   | 110,899   | 100.00%  |                         |                 |                   |              |                          |                  |              |
| March 2017               | Billing                         | BI-3B        | Billing Accuracy - Adjustments for Errors         | Reciprocal Compensation               | Diagnostic       | N/A        | 64        | 64        | 100.00%  |                         |                 |                   |              |                          |                  | <u> </u>     |
| March 2017               | Billing                         |              | UNEs and Resale Aggregate                         | UNEs and Resale Aggregate             | Parity           | N/A        | 293       | 293       | 100.00%  | 0.00%                   | 5,419           | 5,438             | 99.65%       | 5.90%                    | -0.987314        | 4 -1.60024   |
| March 2017               | Billing                         |              |   | Reciprocal Compensation               | Diagnostic       | N/A        | 64        | 64        | 100.00%  | 0.0078                  | 5,415           | 5,430             | 33.0370      | 5.307                    | -0.307314        | -1.00024     |
| March 2017               | Database Updates                |              |   | LIDB                                  | Diagnostic       | N/A        | 4,321,230 | 4,010,738 | 1.08     |                         |                 |                   |              |                          |                  |              |
| March 2017<br>March 2017 | Database Updates                |              |   | Directory Listing                     | Diagnostic       | N/A        | 1533.68   | 7,174     | 0.21     |                         |                 |                   |              |                          |                  |              |
| March 2017<br>March 2017 | Electronic Gateway Availability | GA-1         | Gateway Availability - LSR                        | IMAGUI                                | Diagnostic       | N/A        | 30.600    | 30,600    | 100.00%  |                         |                 |                   |              |                          |                  |              |
| March 2017               | Electronic Gateway Availability | GA-1         |   | SIA                                   | Diagnostic       | N/A        | 30,600    | 30,600    | 100.00%  |                         |                 |                   |              |                          |                  |              |
| March 2017               | Electronic Gateway Availability | GA-1         |   | XML                                   | Diagnostic       | N/A        | 30,600    | 30,600    | 100.00%  |                         |                 |                   |              |                          |                  |              |
| March 2017               | Electronic Gateway Availability | GA-3         |   | EBTA                                  | Diagnostic       | N/A        | 43.200    | 43,200    | 100.00%  |                         |                 |                   |              |                          |                  |              |
| March 2017               | Electronic Gateway Availability | GA-3         | Gateway Availability - Repair                     | RepairGUI                             | 0                | N/A        | 43,200    | 43,200    | 100.00%  |                         |                 |                   |              |                          |                  |              |
|                          |                                 |              |   |                                       | Diagnostic       |            |           |           |          |                         |                 |                   |              |                          |                  |              |
| March 2017               | Electronic Gateway Availability | GA-4         |   | EASE                                  | Diagnostic       | N/A<br>N/A | 27,960    | 27,960    | 100.00%  |                         |                 |                   |              |                          |                  |              |
| March 2017               | Electronic Gateway Availability | GA-4         | System Availability - ASR                         |                                       | Diagnostic       |            | 0         | 0         |          |                         |                 |                   |              |                          |                  |              |
| March 2017               | Electronic Gateway Availability |              | Timely Outage Resolution after Software Releases  | ALL                                   | Diagnostic       | N/A        | 0         |           | 100.0001 | 0.000/                  |                 |                   | 0.000        |                          |                  | Ļ            |
| March 2017               | Maintenance and Repair          |              | All Troubles Cleared w/i 4 Hours-Zone 2           | Unbundled Loop - DS1 Capable          | Parity           | N/A        | 1         | 1         | 100.00%  | 0.00%                   | 0               | 1                 | 0.00%        |                          |                  |              |
| March 2017               | Maintenance and Repair          | MR-6E        | Mean Time to Restore Interval Zone 2              | Unbundled Loop - DS1 Capable          | Parity           | N/A        | 1:16      | 1         | 1:16     | 0:00                    | 22:52           |                   | 22:52        |                          |                  | 4.44.00      |
| March 2017               | Maintenance and Repair          |              |   | Unbundled Loop Analog                 | Parity           | N/A        | 9:43      | 1         | 9:43     | 0:00                    | 13789:56        | 282               | 48:54        |                          |                  | 6 -1.44469   |
| March 2017               | Maintenance and Repair          |              | Repair Repeat Report Rate-Zone 2                  | Unbundled Loop - DS1 Capable          | Parity           | N/A        | 0         | 1         | 0.00%    | 0.00%                   | 0               | 1                 | 0.00%        |                          |                  | <u> </u>     |
| March 2017               | Maintenance and Repair          |              |   | Unbundled Loop Analog                 | Parity           | N/A        | 0         | 1         | 0.00%    | 0.00%                   | 51              |                   | 16.94%       |                          |                  |              |
| March 2017               | Maintenance and Repair          | MR-8         | Trouble Rate                                      | Enhanced Extended Loops - DS1 Capable | ,                | N/A        | 0         | 30        | 0.00%    |                         | 1               | 185               | 0.54%        |                          | -0.374557        | 7 -1.22771   |
| March 2017               | Maintenance and Repair          | MR-8         |   | LIS Trunk                             | Parity           | N/A        | 0         | 9,818     | 0.00%    |                         | 0               |                   | 0.00%        |                          |                  |              |
| March 2017               | Maintenance and Repair          | MR-8         | Trouble Rate                                      | Residence                             | Parity           | N/A        | 0         | 29        | 0.00%    |                         | 225             |                   | 1.02%        |                          | -0.546622        | -1.33232     |
| March 2017               | Maintenance and Repair          | MR-8         | Trouble Rate                                      | Unbundled Loop - 2 Wire Non-Loaded    | Parity           | N/A        | 0         | 20        | 0.00%    |                         | 0               | 130               | 0.00%        |                          |                  |              |
| March 2017               | Maintenance and Repair          | MR-8         |   | Unbundled Loop - DS1 Capable          | Parity           | N/A        | 1         | 84        | 1.19%    | 10.85%                  | 1               | 222               | 0.45%        |                          |                  |              |
| March 2017               | Maintenance and Repair          | MR-8         | Trouble Rate                                      | Unbundled Loop Analog                 | Parity           | N/A        | 1         | 244       | 0.41%    | 6.39%                   | 301             | 36,657            | 0.82%        | 9.02%                    | -0.709557        |              |
| March 2017               | Network Performance             | NI-1A        | Trunk Blockage to CTL-Q Tandem Ofc wi TGSR excl   |                                       | Parity           | N/A        | 0         | 1,776     | 0.00%    | 0.00%                   |                 |                   |              |                          |                  | -            |
| March 2017               | Network Performance             |              |   | LIS Trunk                             | Parity           | N/A        | 0         | 2,301     | 0.00%    | 0.00%                   |                 |                   |              |                          |                  |              |
| March 2017               | Network Performance             | NI-1C        | Trunk Blockage to CTL-Q Tandem Ofc w/o TGSR excl  | LIS Trunk                             | Diagnostic       | N/A        | 0         | 1,776     | 0.00%    |                         |                 |                   |              |                          |                  |              |
| March 2017               | Network Performance             | NI-1D        | Trunk Blockage to CTL-Q End Ofc w/o TGSR excl     | LIS Trunk                             | Diagnostic       | N/A        | 0         | 2,301     | 0.00%    |                         |                 |                   |              |                          |                  |              |
| March 2017               | Ordering and Provisioning       | OP-3A        | Dispatches within MSAs                            | Residence                             | Parity           | N/A        | 1         | 1         | 100.00%  | 0.00%                   | 96              | 102               | 94.12%       | 23.53%                   | -0.248783        | 3 -1.1512    |
| March 2017               | Ordering and Provisioning       | OP-5A        | New Service Installation Quality                  | Residence                             | Parity           | N/A        | 1         | 1         | 100.00%  | 0.00%                   | 188             | 197               | 95.43%       | 20.88%                   | -0.218244        | 4 -1.13268   |
| March 2017               | Ordering and Provisioning       | OP-8C        | Number Portability Timeliness without Loop Coord  | LNP                                   | Benchmark        | 95.00%     | 390       | 390       | 100.00%  |                         |                 |                   |              |                          |                  |              |
| March 2017               | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Address Validation)     | REQUEST                               | Diagnostic       | N/A        | 6937.00   | 19,820    | 0.35     |                         |                 |                   |              |                          |                  |              |
|                          | -                               |              | Pre-Order Response Times (Address Validation)     | RESPONSE                              | Diagnostic       | N/A        | 15473.48  | 12,788    | 1.21     |                         |                 |                   |              |                          |                  | 4            |

| Month         | PID Category                    | PID          | PID Title   | Product Category                | Standard         | Benchmark | CLEC Numerator CLE | C Denominator | CLEC Result | CLEC Standard Deviation | CTL-Q Numerator | CTL-Q Denominator | CTL-Q Result | CTL-Q Standard Deviation | Modified Z Score | Parity Score |
|---------------|---------------------------------|--------------|---|---------------------------------|------------------|-----------|--------------------|---------------|-------------|-------------------------|-----------------|-------------------|--------------|--------------------------|------------------|--------------|
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Address Validation)     | TOTAL                           | Diagnostic       | N/A       | 22410.48           | 19,820        | 1.13        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Appt. Scheduler)        | REQUEST                         | Diagnostic       | N/A       | 3193.52            | 4,202         | 0.76        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Appt. Scheduler)        | TOTAL                           | Diagnostic       | N/A       | 3721.18            | 4,202         | 0.89        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Facility Assignment)    | REQUEST                         | Diagnostic       | N/A       | 737.02             | 1,714         | 0.43        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Facility Assignment)    | RESPONSE                        | Diagnostic       | N/A       | 1235.96            | 1,166         | 1.06        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Facility Assignment)    | TOTAL                           | Diagnostic       | N/A       | 1972.98            | 1,714         | 1.15        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Facility Check)         | REQUEST                         | Diagnostic       | N/A       | 3284.34            | 3,819         | 0.86        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Facility Check)         | RESPONSE                        | Diagnostic       | N/A       | 8121.30            | 3,795         | 2.14        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Facility Check)         | TOTAL                           | Diagnostic       | N/A       | 11405.64           | 3,819         | 2.99        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Get CSR)                | REQUEST                         | Diagnostic       | N/A       | 8027.76            | 7,719         | 1.04        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Get CSR)                | RESPONSE                        | Diagnostic       | N/A       | 6542.40            | 5,640         | 1.16        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Get CSR)                | TOTAL                           | Diagnostic       | N/A       | 14570.16           | 7,719         | 1.89        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Meet Point Inquiry)     | REQUEST                         | Diagnostic       | N/A       | 2299.50            | 1,095         | 2.10        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Meet Point Inquiry)     | RESPONSE                        | Diagnostic       | N/A       | 635.60             | 1,135         | 0.56        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Meet Point Inquiry)     | TOTAL                           | Diagnostic       | N/A       | 2935.10            | 1,095         | 2.68        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | Pre-Order Response Times (Service Availability)   | REQUEST                         | Diagnostic       | N/A       | 3602.34            | 6,671         | 0.54        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Service Availability)   | RESPONSE                        | Diagnostic       | N/A       | 7477.26            | 13,118        | 0.57        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Service Availability)   | TOTAL                           | Diagnostic       | N/A       | 11079.60           | 6,671         | 1.66        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (TN Reservation)         | ACCEPT                          | Diagnostic       | N/A       | 268.00             | 1,072         | 0.25        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | Pre-Order Response Times (TN Reservation)         | REQUEST                         | Diagnostic       | N/A       | 853.55             | 1,985         | 0.43        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | Pre-Order Response Times (TN Reservation)         | RESPONSE                        | Diagnostic       | N/A       | 1244.16            | 972           | 1.28        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | Pre-Order Response Times (TN Reservation)         | TOTAL                           | Diagnostic       | N/A       | 2365.71            | 1,985         | 1.19        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | Pre-Order Response Times(Loop Qual Tools)         | REQUEST                         | Diagnostic       | N/A       | 2346.00            | 3,450         | 0.68        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | Pre-Order Response Times(Loop Qual Tools)         | RESPONSE                        | Diagnostic       | N/A       | 52038.72           | 2,736         | 19.02       |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | Pre-Order Response Times(Loop Qual Tools)         | TOTAL                           | Diagnostic       | N/A       | 54384.72           | 3,450         | 15.76       |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Address Validation XML) | XML Request/Response            | Diagnostic       | N/A       | 8373.10            | 4,526         | 1.85        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Appt. Scheduler XML)    | XML Request/Response            | Diagnostic       | N/A       | 7748.67            | 4,479         | 1.73        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Facility Check XML)     | XML Request/Response            | Diagnostic       | N/A       | 67292.68           | 6,916         | 9.73        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | Pre-Order Response Times (Get CSR XML)            | XML Request/Response            | Diagnostic       | N/A       | 26232.15           | 6,321         | 4.15        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | Pre-Order Response Times (Loop Qual Tools XML)    | XML Request/Response            | Diagnostic       | N/A       | 47050.96           | 3,368         | 13.97       |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | Pre-Order Response Times (Meet Point Inquiry XML) | XML Request/Response            | Diagnostic       | N/A       | 3882.75            | 775           | 5.01        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Service Avail XML)      | XML Request/Response            | Diagnostic       | N/A       | 14996.64           | 4,776         | 3.14        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | Pre-Order Response Times (TN Reservation XML)     | XML Request/Response            | Diagnostic       | N/A       | 3795.60            | 3,163         | 1.20        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | Pre-Order Response Times(Connecting Fac Assgn XN  |                                 | Diagnostic       | N/A       | 5626.95            | 1,631         | 3.45        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | All Electronic LSRs                               | LNP                             | Diagnostic       | N/A       | 177                | 234           | 75.64%      |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | All Electronic LSRs                               | Resale Aggregate W/O UNE-P-POTS | Diagnostic       | N/A       | 94                 | 151           | 62.25%      |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | All Electronic LSRs                               | Unbundled Loop Aggregate        | Diagnostic       | N/A       | 5                  | 5             | 100.00%     |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | All Flow-through Eligible LSRs                    | LNP                             | Diagnostic       | N/A       | 177                | 181           | 97.79%      |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | All Flow-through Eligible LSRs                    | Resale Aggregate W/O UNE-P-POTS | Diagnostic       | N/A       | 94                 | 94            | 100.00%     |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | All Flow-through Eligible LSRs                    | Unbundled Loop Aggregate        | Diagnostic       | N/A       | 5                  | 5             | 100.00%     |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-3X        | Electronic LSRs Rejected Manually                 | Product Aggregate               | Diagnostic       | N/A       | 11:46              | 16            | 0:44        |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | ( )          | FOCs on Time for Fully Electronic LSRs            | Resale Aggregate                | Benchmark        | 95.00%    | 119                | 119           | 100.00%     |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    |              | FOCs on Time for Fully Electronic LSRs            | Unbundled Loop AGG-EELs         | Benchmark        | 95.00%    | 5                  | 5             | 100.00%     |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-5A-(c)    | FOCs on Time for Fully Electronic LSRs            | LNP                             | Benchmark        | 95.00%    | 159                | 159           | 100.00%     |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-5B-(a)    | FOCs on Time for Electronic/Manual LSRs           | Resale Aggregate                | Benchmark        | 90.00%    | 28                 | 28            | 100.00%     |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-5B-(c)    | FOCs on Time for Electronic/Manual LSRs           | LNP                             | Benchmark        | 90.00%    | 51                 | 51            | 100.00%     |                         |                 |                   |              |                          |                  |              |
| March 2017    | Pre-Ordering                    | PO-5D        | FOCs provided for ASRs requesting LIS Trunks.     | LIS Trunk                       | Benchmark        | 85.00%    | 1                  | 1             | 100.00%     |                         |                 |                   |              |                          |                  |              |
| February 2017 | Billing                         | BI-2         | Invoices Delivered within 10 Days                 | All                             | Parity by Design | N/A       | 186                | 186           | 100.00%     |                         |                 |                   |              |                          |                  |              |
| February 2017 | Billing                         | BI-3A        | Billing Accuracy - Adjustments for Errors         | UNEs and Resale Aggregate       | Diagnostic       | N/A       | 114,988            | 114,988       | 100.00%     |                         |                 |                   |              |                          |                  |              |
| February 2017 | Billing                         | BI-3B        | Billing Accuracy - Adjustments for Errors         | Reciprocal Compensation         | Diagnostic       | N/A       | 61                 | 61            | 100.00%     |                         |                 |                   |              |                          |                  |              |
| February 2017 | Billing                         | BI-4A        | UNEs and Resale Aggregate                         | UNEs and Resale Aggregate       | Parity           | N/A       | 340                | 341           | 99.71%      | 5.41%                   | 4,959           | 5,002             | 99.14%       | 9.23%                    | -1.096208        | -1.666447    |
| February 2017 | Billing                         | BI-4B        | Reciprocal Compensation (MOU):                    | Reciprocal Compensation         | Diagnostic       | N/A       | 61                 | 61            | 100.00%     |                         |                 |                   |              |                          |                  |              |
| February 2017 | Database Updates                | 0010         | All   | LIDB                            | Diagnostic       | N/A       | 2,967,622          | 2,759,277     | 1.08        |                         |                 |                   |              |                          |                  |              |
| February 2017 | Database Updates                |              | All   | Directory Listing               | Diagnostic       | N/A       | 1659.55            | 5,653         | 0.29        |                         |                 |                   |              |                          |                  |              |
| February 2017 | Electronic Gateway Availability | GA-1         | Gateway Availability - LSR                        | IMAGUI                          | Diagnostic       | N/A       | 27,360             | 27,360        | 100.00%     |                         |                 |                   |              |                          |                  |              |
| February 2017 | Electronic Gateway Availability | GA-1         | Gateway Availability - LSR                        | SIA                             | Diagnostic       | N/A       | 27,360             | 27,360        | 100.00%     |                         |                 |                   |              |                          |                  |              |
| February 2017 | Electronic Gateway Availability | GA-1         | Gateway Availability - LSR                        | XML                             | Diagnostic       | N/A       | 27,360             | 27,360        | 100.00%     |                         |                 |                   |              |                          |                  |              |
| February 2017 | Electronic Gateway Availability | GA-3         | Gateway Availability - Repair                     | EBTA                            | Diagnostic       | N/A       | 38,880             | 38,880        | 100.00%     |                         |                 |                   |              |                          |                  |              |
| February 2017 | Electronic Gateway Availability | GA-3         | Gateway Availability - Repair                     | RepairGUI                       | Diagnostic       | N/A       | 37,860             | 37,860        | 100.00%     |                         |                 |                   |              |                          |                  |              |
| February 2017 | Electronic Gateway Availability | GA-4         | System Availability - ASR                         | EASE                            | Diagnostic       | N/A       | 24,720             | 24,720        | 100.00%     |                         |                 |                   |              |                          |                  |              |

| Month                          | 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 |
|--------------------------------|---------------------------------|--------------|---|---------------------------------------|--------------------------|------------|----------------|------------------|-------------|-------------------------|-----------------|-------------------|--------------|--------------------------|------------------|--------------|
| ebruary 2017                   | Electronic Gateway Availability | GA-4         | System Availability - ASR   | EXACT                                 | Diagnostic               | N/A        | 0              | 0                |             |                         |                 |                   |              |                          |                  |              |
| ebruary 2017                   | Electronic Gateway Availability | GA-7         | Timely Outage Resolution after Software Releases  | ALL                                   | Diagnostic               | N/A        | 0              | 0                |             |                         |                 |                   |              |                          |                  |              |
| ebruary 2017                   | Maintenance and Repair          | MR-5B        | All Troubles Cleared w/i 4 Hours-Zone 2   | Enhanced Extended Loops - DS1 Capable | Parity                   | N/A        | 2              | 2                | 100.00%     | 0.00%                   | 2               | 2                 | 100.00%      | 0.00%                    |                  |              |
| ebruary 2017                   | Maintenance and Repair          | MR-5X        | Out of Service cleared w/i 24 hours   | Business                              | Parity                   | N/A        | 0              | 1                | 0.00%       | 0.00%                   | 34              | 77                | 44.16%       | 49.66%                   | -0.161379        | -1.0981      |
| ebruary 2017                   | Maintenance and Repair          | MR-6E        | Mean Time to Restore Interval Zone 2  | Enhanced Extended Loops - DS1 Capable | Parity                   | N/A        | 3:25           | 2                | 1:43        | 2:24                    | 3:35            | 2                 | 1:47         | 2:08                     | -0.039065        | -1.023       |
| ebruary 2017                   | Maintenance and Repair          | MR-7E        | Repair Repeat Report Rate-Zone 2  | Enhanced Extended Loops - DS1 Capable | Parity                   | N/A        | 0              | 2                | 0.00%       | 0.00%                   | 1               | 3                 | 33.33%       | 47.14%                   | -0.774597        | -1.4709      |
| ebruary 2017                   | Maintenance and Repair          | MR-8         | Trouble Rate  | Enhanced Extended Loops - DS1 Capable | Parity                   | N/A        | 2              | 30               | 6.67%       | 24.94%                  | 2               | 187               | 1.07%        | 10.29%                   | 1.322842         | -0.1957      |
| ebruary 2017                   | Maintenance and Repair          | MR-8         | Trouble Rate  | LIS Trunk                             | Parity                   | N/A        | 0              | 9,770            | 0.00%       |                         | 0               | 8,688             | 0.00%        |                          |                  |              |
| February 2017                  | Maintenance and Repair          | MR-8         | Trouble Rate  | Residence                             | Parity                   | N/A        | 0              | 31               | 0.00%       |                         | 240             | 22,159            | 1.08%        | 10.35%                   | -0.5822          | -1.3539      |
| February 2017                  | Maintenance and Repair          | MR-8         | Trouble Rate  | Unbundled Loop - 2 Wire Non-Loaded    | Parity                   | N/A        | 0              | 20               | 0.00%       |                         | 0               | 132               | 0.00%        |                          |                  |              |
| February 2017                  | Maintenance and Repair          | MR-8         | Trouble Rate  | Unbundled Loop - DS1 Capable          | Parity                   | N/A        | 0              | 86               | 0.00%       |                         | 3               | 225               | 1.33%        | 11.47%                   | -0.916947        | -1.5574      |
| February 2017                  | Maintenance and Repair          | MR-8         | Trouble Rate  | Unbundled Loop Analog                 | Parity                   | N/A        | 0              | 245              | 0.00%       |                         | 321             | 36,365            | 0.88%        | 9.35%                    | -1.47218         | -1.8950      |
| February 2017                  | Network Performance             | NI-1A        | Trunk Blockage to CTL-Q Tandem Ofc wi TGSR excl   | LIS Trunk                             | Parity                   | N/A        | 0              | 1,776            | 0.00%       | 0.00%                   |                 |                   |              |                          |                  |              |
| February 2017                  | Network Performance             |              | Trunk Blockage to CTL-Q End Ofc wi TGSR excl  | LIS Trunk                             | Parity                   | N/A        | 0              | 2,301            | 0.00%       | 0.00%                   |                 |                   |              |                          |                  |              |
| February 2017                  | Network Performance             | NI-1C        | Trunk Blockage to CTL-Q Tandem Ofc w/o TGSR excl  | LIS Trunk                             | Diagnostic               | N/A        | 0              |                  | 0.00%       |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Network Performance             |              | Trunk Blockage to CTL-Q End Ofc w/o TGSR excl   | LIS Trunk                             | Diagnostic               | N/A        | 0              |                  | 0.00%       |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Ordering and Provisioning       |              | No dispatches   | Residence                             | Parity                   | N/A        | 1              |                  | 100.00%     | 0.00%                   | 38              | 38                | 100.00%      | 0.00%                    |                  |              |
| February 2017                  | Ordering and Provisioning       |              | New Service Installation Quality  | Residence                             | Parity                   | N/A        | 1              | . 1              | 100.00%     | 0.00%                   | 174             |                   |              |                          |                  | -1.091       |
| February 2017                  | Ordering and Provisioning       |              | Number Portability Timeliness without Loop Coord  | INP                                   | Benchmark                | 95.00%     | 222            |                  |             | 0.0070                  | 174             | 110               | 51.1070      | 14.0270                  | 0.101130         | 1.001        |
| February 2017                  | Pre-Ordering                    |              | Pre-Order Response Times (Address Validation)   | REQUEST                               | Diagnostic               | 93.00 %    | 6314.55        |                  |             |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering<br>Pre-Ordering    |              | Pre-Order Response Times (Address Validation) Pre-Order Response Times (Address Validation) | RESPONSE                              | Diagnostic               | N/A<br>N/A | 15756.30       | 12,810           | 1.23        |                         |                 |                   |              |                          |                  |              |
| February 2017<br>February 2017 | Pre-Ordering<br>Pre-Ordering    |              |   | TOTAL                                 | -                        | N/A        | 22070.85       |                  | 1.25        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering<br>Pre-Ordering    |              |   | REQUEST                               | Diagnostic<br>Diagnostic | N/A        | 3210.00        |                  |             |                         |                 |                   |              |                          |                  | <u> </u>     |
| ,                              | Ŭ                               |              | Pre-Order Response Times (Appt. Scheduler)  | TOTAL                                 | -                        | N/A        | 3713.36        | 4,280            | 0.75        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              |   |                                       | Diagnostic               |            |                |                  |             |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              | Pre-Order Response Times (Facility Assignment)  | REQUEST                               | Diagnostic               | N/A        | 738.74         |                  |             |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              | Pre-Order Response Times (Facility Assignment)  | RESPONSE                              | Diagnostic               | N/A        | 1262.52        |                  | 1.08        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              | Pre-Order Response Times (Facility Assignment)  | TOTAL                                 | Diagnostic               | N/A        | 2001.26        | 1,718            |             |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              | Pre-Order Response Times (Facility Check)   | REQUEST                               | Diagnostic               | N/A        | 3414.93        |                  | 0.89        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              | Pre-Order Response Times (Facility Check)   | RESPONSE                              | Diagnostic               | N/A        | 8081.22        |                  |             |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              | Pre-Order Response Times (Facility Check)   | TOTAL                                 | Diagnostic               | N/A        | 11496.15       | 3,837            | 3.00        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              | Pre-Order Response Times (Get CSR)  | REQUEST                               | Diagnostic               | N/A        | 8540.74        |                  |             |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              | Pre-Order Response Times (Get CSR)  | RESPONSE                              | Diagnostic               | N/A        | 6486.00        | 5,640            | 1.15        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              | Pre-Order Response Times (Get CSR)  | TOTAL                                 | Diagnostic               | N/A        | 15026.74       |                  |             |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              | Pre-Order Response Times (Meet Point Inquiry)   | REQUEST                               | Diagnostic               | N/A        | 2319.76        | 1,084            | 2.14        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              | Pre-Order Response Times (Meet Point Inquiry)   | RESPONSE                              | Diagnostic               | N/A        | 678.30         | 1,190            |             |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Meet Point Inquiry)   | TOTAL                                 | Diagnostic               | N/A        | 2998.06        | 1,084            | 2.77        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Service Availability)   | REQUEST                               | Diagnostic               | N/A        | 3399.30        | 6,295            | 0.54        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Service Availability)   | RESPONSE                              | Diagnostic               | N/A        | 7588.00        | 13,550           | 0.56        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Service Availability)   | TOTAL                                 | Diagnostic               | N/A        | 10987.30       | 6,295            | 1.75        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (TN Reservation)   | ACCEPT                                | Diagnostic               | N/A        | 259.92         | 1,083            | 0.24        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (TN Reservation)   | REQUEST                               | Diagnostic               | N/A        | 828.66         | 1,973            | 0.42        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (TN Reservation)   | RESPONSE                              | Diagnostic               | N/A        | 1264.90        | 973              | 1.30        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (TN Reservation)   | TOTAL                                 | Diagnostic               | N/A        | 2353.48        | 1,973            | 1.19        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times(Loop Qual Tools)   | REQUEST                               | Diagnostic               | N/A        | 2519.28        | 3,499            | 0.72        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times(Loop Qual Tools)   | RESPONSE                              | Diagnostic               | N/A        | 53639.15       | 2,801            | 19.15       |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times(Loop Qual Tools)   | TOTAL                                 | Diagnostic               | N/A        | 56158.43       | 3,499            | 16.05       |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Address Validation XML)   | XML Request/Response                  | Diagnostic               | N/A        | 8389.75        | 4,535            | 1.85        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Appt. Scheduler XML)  | XML Request/Response                  | Diagnostic               | N/A        | 7748.67        | 4,479            | 1.73        |                         |                 |                   |              |                          |                  | _            |
| February 2017                  | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Facility Check XML)   | XML Request/Response                  | Diagnostic               | N/A        | 68191.76       | 6,916            | 9.86        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Get CSR XML)  | XML Request/Response                  | Diagnostic               | N/A        | 26127.54       | 6,311            | 4.14        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Loop Qual Tools XML)  | XML Request/Response                  | Diagnostic               | N/A        | 46713.96       |                  | 13.47       |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Meet Point Inquiry XML)   | XML Request/Response                  | Diagnostic               | N/A        | 3991.25        | 775              | 5.15        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Service Avail XML)  | XML Request/Response                  | Diagnostic               | N/A        | 14994.00       | 4,760            | 3.15        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              | Pre-Order Response Times (TN Reservation XML)   | XML Request/Response                  | Diagnostic               | N/A        | 3992.58        | 3,246            | 1.23        |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              | Pre-Order Response Times(Connecting Fac Assgn XM  |                                       | Diagnostic               | N/A        | 5612.12        |                  |             |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-2A        | All Electronic LSRs   | LNP                                   | Diagnostic               | N/A        | 208            |                  |             |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-2A        | All Electronic LSRs   | Resale Aggregate W/O UNE-P-POTS       | Diagnostic               | N/A        | 106            |                  |             |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    | PO-2A        | All Electronic LSRs   | Unbundled Loop Aggregate              | Diagnostic               | N/A        | 4              |                  | 80.00%      |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering                    |              | All Flow-through Eligible LSRs  | LNP                                   | Diagnostic               | N/A        | 208            | 0                | 99.52%      |                         |                 |                   |              |                          |                  |              |
| February 2017                  | Pre-Ordering<br>Pre-Ordering    | PO-2B        | All Flow-through Eligible LSRs  | Resale Aggregate W/O UNE-P-POTS       | Diagnostic               | N/A        | 106            |                  |             |                         |                 |                   |              |                          |                  |              |

| Month                        | PID Category                    | PID            | PID Title  | Product Category                      | Standard         | Benchmark  | CLEC Numerator | CLEC Denominator |          | CLEC Standard Deviation | CTL-Q Numerator | CTL-Q Denominator | CTL-Q Result | CTL-Q Standard Deviation | Modified Z Score | Parity Scor |
|------------------------------|---------------------------------|----------------|--|---------------------------------------|------------------|------------|----------------|------------------|----------|-------------------------|-----------------|-------------------|--------------|--------------------------|------------------|-------------|
| ebruary 2017                 | Pre-Ordering                    | PO-2B          | All Flow-through Eligible LSRs   | Unbundled Loop Aggregate              | Diagnostic       | N/A        | 4              | 4                | 100.00%  |                         |                 |                   |              |                          |                  |             |
| ebruary 2017                 | Pre-Ordering                    | PO-3X          | Electronic LSRs Rejected Manually  | Product Aggregate                     | Diagnostic       | N/A        | 17:54          | 16               | 1:07     |                         |                 |                   |              |                          |                  |             |
| ebruary 2017                 | Pre-Ordering                    | PO-5A-(a)      | FOCs on Time for Fully Electronic LSRs   | Resale Aggregate                      | Benchmark        | 95.00%     | 117            | 117              | 100.00%  |                         |                 |                   |              |                          |                  |             |
| ebruary 2017                 | Pre-Ordering                    | PO-5A-(b)      | FOCs on Time for Fully Electronic LSRs   | Unbundled Loop AGG-EELs               | Benchmark        | 95.00%     | 4              | 4                | 100.00%  |                         |                 |                   |              |                          |                  |             |
| ebruary 2017                 | Pre-Ordering                    | PO-5A-(c)      | FOCs on Time for Fully Electronic LSRs   | LNP                                   | Benchmark        | 95.00%     | 185            | 185              | 100.00%  |                         |                 |                   |              |                          |                  |             |
| ebruary 2017                 | Pre-Ordering                    | PO-5B-(a)      | FOCs on Time for Electronic/Manual LSRs  | Resale Aggregate                      | Benchmark        | 90.00%     | 36             | 37               | 97.30%   |                         |                 |                   |              |                          |                  |             |
| ebruary 2017                 | Pre-Ordering                    | PO-5B-(c)      | FOCs on Time for Electronic/Manual LSRs  | LNP                                   | Benchmark        | 90.00%     | 46             | 47               | 97.87%   |                         |                 |                   |              |                          |                  |             |
| ebruary 2017                 | Pre-Ordering                    | PO-5D          | FOCs provided for ASRs requesting LIS Trunks.  | LIS Trunk                             | Benchmark        | 85.00%     | 1              | 1                | 100.00%  |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Billing                         | BI-2           | Invoices Delivered within 10 Days  | All                                   | Parity by Design | N/A        | 205            | 206              | 99.51%   |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Billing                         | BI-3A          | Billing Accuracy - Adjustments for Errors  | UNEs and Resale Aggregate             | Diagnostic       | N/A        | 116,605        | 116,605          | 100.00%  |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Billing                         | BI-3B          | Billing Accuracy - Adjustments for Errors  | Reciprocal Compensation               | Diagnostic       | N/A        | 806            | 806              | 100.00%  |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Billing                         | BI-4A          | UNEs and Resale Aggregate  | UNEs and Resale Aggregate             | Parity           | N/A        | 221            | 222              | 99.55%   | 6.70%                   | 5,001           | 5,029             | 99.44%       | 7.44%                    | -0.208347        | -1.1266     |
| January 2017                 | Billing                         | BI-4B          | Reciprocal Compensation (MOU):   | Reciprocal Compensation               | Diagnostic       | N/A        | 646            | 646              | 100.00%  |                         |                 |                   |              |                          |                  |             |
| lanuary 2017                 | Database Updates                | DB-1B          | All  | LIDB                                  | Diagnostic       | N/A        | 2,689,617      | 2,512,227        | 1.07     |                         |                 |                   |              |                          |                  |             |
| anuary 2017                  | Database Updates                | DB-1C-1        | All  | Directory Listing                     | Diagnostic       | N/A        | 1507.70        | 5,533            | 0.27     |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR   | IMAGUI                                | Diagnostic       | N/A        | 30,060         | 30,060           | 100.00%  |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR   | SIA                                   | Diagnostic       | N/A        | 30,060         | 30,060           | 100.00%  |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR   | XML                                   | Diagnostic       | N/A        | 30,060         | 30,060           | 100.00%  |                         |                 |                   |              |                          |                  |             |
| January 2017<br>January 2017 | Electronic Gateway Availability | GA-3           | Gateway Availability - Repair  | EBTA                                  | Diagnostic       | N/A        | 42,900         | 42,900           | 100.00%  |                         |                 |                   |              |                          |                  |             |
| January 2017<br>January 2017 | Electronic Gateway Availability | GA-3           | Gateway Availability - Repair  | RepairGUI                             | Diagnostic       | N/A<br>N/A | 42,900         | 42,900           | 100.00%  |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Electronic Gateway Availability | GA-3<br>GA-4   | System Availability - ASR  | EASE                                  | Diagnostic       | N/A<br>N/A | 22,320         | 22,320           | 100.00%  |                         |                 |                   |              |                          |                  |             |
| January 2017<br>January 2017 | Electronic Gateway Availability | GA-4<br>GA-4   | System Availability - ASR  | EXACT                                 | Diagnostic       | N/A<br>N/A | 21,960         | 22,320           | 100.00%  |                         |                 |                   |              |                          |                  |             |
|                              |                                 |                |  |                                       |                  | N/A<br>N/A | 0              | 21,900           | 100.00 % |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Electronic Gateway Availability | GA-7           | Timely Outage Resolution after Software Releases   | ALL                                   | Diagnostic       |            |                | -                | 100.000/ | 0.00%                   |                 |                   | 00.000       | 40.000                   | 0.450.405        | 4.0774      |
| January 2017                 | Maintenance and Repair          | MR-5B<br>MR-5X | All Troubles Cleared w/i 4 Hours-Zone 2  | Unbundled Loop - DS1 Capable          | Parity           | N/A        | 1              | 1                | 100.00%  | 0.00%                   | 4               |                   |              |                          |                  |             |
| January 2017                 | Maintenance and Repair          | init of t      | Out of Service cleared w/i 24 hours  | Business                              | Parity           | N/A        | Ű              | 1                | 0.00%    | 0.00%                   | 31              |                   |              |                          |                  |             |
| anuary 2017                  | Maintenance and Repair          | MR-6A          | Mean Time to Restore-Disp w/i MSA  | Residence                             | Parity           | N/A        | 215:37         | 1                | 215:37   | 0:00                    | 14291:41        |                   |              |                          |                  |             |
| January 2017                 | Maintenance and Repair          | MR-6E          | Mean Time to Restore Interval Zone 2   | Unbundled Loop - DS1 Capable          | Parity           | N/A        | 3:04           | 1                | 3:04     | 0:00                    | 36:30           |                   |              |                          |                  |             |
| January 2017                 | Maintenance and Repair          | MR-7A          | Repair Repeat Rprt Rate-Disp w/I MSA   | Residence                             | Parity           | N/A        | 0              | 1                | 0.00%    | 0.00%                   | 12              |                   |              |                          |                  | -1.18198    |
| January 2017                 | Maintenance and Repair          | MR-7E          | Repair Repeat Report Rate-Zone 2   | Unbundled Loop - DS1 Capable          | Parity           | N/A        | 0              | 1                | 0.00%    | 0.00%                   | C               |                   |              |                          |                  |             |
| January 2017                 | Maintenance and Repair          | MR-8           | Trouble Rate   | Enhanced Extended Loops - DS1 Capable |                  | N/A        | 0              | 30               | 0.00%    |                         | 4               |                   |              |                          | -0.741286        | -1.4506     |
| January 2017                 | Maintenance and Repair          | MR-8           |  | LIS Trunk                             | Parity           | N/A        | 0              | 9,506            | 0.00%    |                         | C               | 8,688             |              |                          |                  |             |
| January 2017                 | Maintenance and Repair          | MR-8           | Trouble Rate   | Residence                             | Parity           | N/A        | 1              | 35               | 2.86%    | 16.66%                  | 275             |                   |              |                          | 0.377496         | -0.77049    |
| January 2017                 | Maintenance and Repair          | MR-8           | Trouble Rate   | Unbundled Loop - 2 Wire Non-Loaded    | Parity           | N/A        | 0              | 26               | 0.00%    |                         | C               |                   |              |                          |                  |             |
| January 2017                 | Maintenance and Repair          | MR-8           | Trouble Rate   | Unbundled Loop - DS1 Capable          | Parity           | N/A        | 1              | 93               | 1.08%    | 10.31%                  | 5               | 233               | 2.15%        | 14.49%                   | -0.60237         | -1.36621    |
| January 2017                 | Maintenance and Repair          | MR-8           | Trouble Rate   | Unbundled Loop Analog                 | Parity           | N/A        | 0              | 251              | 0.00%    |                         | 351             | 36,461            | 0.96%        | 9.76%                    | -1.556636        | -1.94636    |
| January 2017                 | Maintenance and Repair          | MR-9A          | Repair Appointments Met-Disp w/I MSA   | Residence                             | Parity           | N/A        | 0              | 1                | 0.00%    | 0.00%                   | 117             | 145               | 80.69%       | 39.47%                   | 0.846524         | -0.4853     |
| January 2017                 | Network Performance             | NI-1A          | Trunk Blockage to CTL-Q Tandem Ofc wi TGSR excl  | LIS Trunk                             | Parity           | N/A        | 0              | 1,728            | 0.03%    | 0.08%                   |                 |                   |              |                          |                  | -2.91666    |
| January 2017                 | Network Performance             | NI-1B          | Trunk Blockage to CTL-Q End Ofc wi TGSR excl   | LIS Trunk                             | Parity           | N/A        | 0              | 2,301            | 0.00%    | 0.00%                   |                 |                   |              |                          |                  |             |
| January 2017                 | Network Performance             | NI-1C          | Trunk Blockage to CTL-Q Tandem Ofc w/o TGSR excl   | LIS Trunk                             | Diagnostic       | N/A        | 0              | 1,728            | 0.03%    |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Network Performance             | NI-1D          | Trunk Blockage to CTL-Q End Ofc w/o TGSR excl  | LIS Trunk                             | Diagnostic       | N/A        | 0              | 2,301            | 0.00%    |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Ordering and Provisioning       | OP-3A          | Dispatches within MSAs   | Residence                             | Parity           | N/A        | 2              | 2                | 100.00%  | 0.00%                   | 94              | 104               | 90.38%       | 29.48%                   | -0.456893        | -1.27777    |
| January 2017                 | Ordering and Provisioning       | OP-4A          | Dispatches within MSAs   | Residence                             | Parity           | N/A        | 25             | 2                | 12.50    | 7.78                    | 871             | 92                | 9.47         | 7.98                     | 0.621912         | -0.62190    |
| January 2017                 | Ordering and Provisioning       | OP-5A          | New Service Installation Quality   | Residence                             | Parity           | N/A        | 2              | 2                | 100.00%  | 0.00%                   | 180             | 186               | 96.77%       | 17.67%                   | -0.256822        | -1.1561     |
| January 2017                 | Ordering and Provisioning       | OP-8C          | Number Portability Timeliness without Loop Coord   | LNP                                   | Benchmark        | 95.00%     | 113            | 113              | 100.00%  |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times (Address Validation)  | REQUEST                               | Diagnostic       | N/A        | 6846.35        | 19,561           | 0.35     |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Pre-Ordering                    |                | Pre-Order Response Times (Address Validation)  | RESPONSE                              | Diagnostic       | N/A        | 15751.78       | 13,018           | 1.21     |                         |                 | -                 |              |                          |                  |             |
| January 2017                 | Pre-Ordering                    |                | Pre-Order Response Times (Address Validation)  | TOTAL                                 | Diagnostic       | N/A        | 22598.13       | 19,561           | 1.16     |                         |                 | 1                 |              |                          |                  |             |
| January 2017                 | Pre-Ordering                    |                |  | REQUEST                               | Diagnostic       | N/A        | 3146.25        | 4,195            | 0.75     |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Pre-Ordering                    |                | Pre-Order Response Times (Appt. Scheduler)   | TOTAL                                 | Diagnostic       | N/A        | 3727.65        | 4,195            | 0.89     |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Pre-Ordering                    |                | Pre-Order Response Times (Facility Assignment)   | REQUEST                               | Diagnostic       | N/A        | 720.30         | 1,715            | 0.42     |                         |                 |                   |              |                          |                  |             |
| lanuary 2017                 | Pre-Ordering                    |                | Pre-Order Response Times (Facility Assignment)   | RESPONSE                              | Diagnostic       | N/A        | 1241.15        | 1,205            | 1.03     |                         |                 |                   |              |                          |                  |             |
| lanuary 2017                 | Pre-Ordering                    |                | Pre-Order Response Times (Facility Assignment)   | TOTAL                                 | Diagnostic       | N/A        | 1961.45        | 1,203            | 1.14     |                         |                 |                   |              |                          |                  |             |
| anuary 2017<br>lanuary 2017  | Pre-Ordering                    |                | Pre-Order Response Times (Facility Assignment) Pre-Order Response Times (Facility Check) | REQUEST                               | -                | N/A        | 3223.08        | 3.837            | 0.84     |                         |                 |                   |              |                          |                  |             |
|                              |                                 |                |  | RESPONSE                              | Diagnostic       | N/A<br>N/A |                | - 1              | 2.15     |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Pre-Ordering<br>Bro Ordering    |                | Pre-Order Response Times (Facility Check)  |                                       | Diagnostic       |            | 8107.65        | 3,771            |          |                         |                 |                   |              |                          |                  |             |
| anuary 2017                  | Pre-Ordering                    |                | Pre-Order Response Times (Facility Check)  | TOTAL                                 | Diagnostic       | N/A        | 11330.73       | 3,837            | 2.95     |                         |                 |                   |              |                          |                  |             |
| lanuary 2017                 | Pre-Ordering                    |                | Pre-Order Response Times (Get CSR)   | REQUEST                               | Diagnostic       | N/A        | 8216.53        | 7,679            | 1.07     |                         |                 |                   |              |                          |                  | L           |
| January 2017                 | Pre-Ordering                    |                | Pre-Order Response Times (Get CSR)   | RESPONSE                              | Diagnostic       | N/A        | 6486.00        | 5,640            | 1.15     |                         |                 |                   |              |                          |                  |             |
| January 2017                 | Pre-Ordering                    |                | Pre-Order Response Times (Get CSR)   | TOTAL                                 | Diagnostic       | N/A        | 14702.53       | 7,679            | 1.91     |                         |                 |                   |              |                          |                  | L           |
| January 2017                 | Pre-Ordering                    |                | Pre-Order Response Times (Meet Point Inquiry)  | REQUEST                               | Diagnostic       | N/A        | 2265.90        | 1,079            | 2.10     |                         |                 |                   |              |                          |                  | L           |
| January 2017                 | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times (Meet Point Inquiry)  | RESPONSE                              | Diagnostic       | N/A        | 655.05         | 1,191            | 0.55     |                         |                 |                   |              | 1                        |                  | 1           |

| Month          | PID Category                    | PID          | PID Title   | Product Category                      | Standard         |            |           |           |           | CLEC Standard Deviation | CTL-Q Numerator | CTL-Q Denominator | CTL-Q Result | CTL-Q Standard Deviation | Modified Z Score | Parity Score |
|----------------|---------------------------------|--------------|---|---------------------------------------|------------------|------------|-----------|-----------|-----------|-------------------------|-----------------|-------------------|--------------|--------------------------|------------------|--------------|
| January 2017   | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Meet Point Inquiry)     | TOTAL                                 | Diagnostic       | N/A        | 2920.95   | 1,079     | 2.71      |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Service Availability)   | REQUEST                               | Diagnostic       | N/A        | 3686.58   | 6,827     | 0.54      |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Service Availability)   | RESPONSE                              | Diagnostic       | N/A        | 7878.00   | 13,130    | 0.60      |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Service Availability)   | TOTAL                                 | Diagnostic       | N/A        | 11564.58  | 6,827     | 1.69      |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (TN Reservation)         | ACCEPT                                | Diagnostic       | N/A        | 264.75    | 1,059     | 0.25      |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (TN Reservation)         | REQUEST                               | Diagnostic       | N/A        | 817.54    | 1,994     | 0.41      |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (TN Reservation)         | RESPONSE                              | Diagnostic       | N/A        | 1237.11   | 959       | 1.29      |                         |                 |                   |              |                          |                  | 1            |
| January 2017   | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (TN Reservation)         | TOTAL                                 | Diagnostic       | N/A        | 2319.40   | 1,994     | 1.16      |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times(Loop Qual Tools)         | REQUEST                               | Diagnostic       | N/A        | 2293.41   | 3,423     | 0.67      |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times(Loop Qual Tools)         | RESPONSE                              | Diagnostic       | N/A        | 51346.01  | 2,701     | 19.01     |                         |                 |                   |              |                          |                  | 1            |
| January 2017   | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times(Loop Qual Tools)         | TOTAL                                 | Diagnostic       | N/A        | 53639.42  | 3,423     | 15.67     |                         |                 |                   |              |                          |                  | 1            |
| January 2017   | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Address Validation XML) | XML Request/Response                  | Diagnostic       | N/A        | 8412.78   | 4,523     | 1.86      |                         |                 |                   |              |                          |                  | 1            |
| January 2017   | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Appt. Scheduler XML)    | XML Request/Response                  | Diagnostic       | N/A        | 7614.30   | 4,479     | 1.70      |                         |                 |                   |              |                          |                  | 1            |
| January 2017   | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Facility Check XML)     | XML Request/Response                  | Diagnostic       | N/A        | 67178.52  | 6,876     | 9.77      |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Get CSR XML)            | XML Request/Response                  | Diagnostic       | N/A        | 26253.76  | 6,311     | 4.16      |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    |              |   | XML Request/Response                  | Diagnostic       | N/A        | 47120.81  | 3,373     | 13.97     |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    |              |   | XML Request/Response                  | Diagnostic       | N/A        | 3863.25   | 765       | 5.05      |                         |                 |                   |              |                          |                  | 1            |
| January 2017   | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Service Avail XML)      | XML Request/Response                  | Diagnostic       | N/A        | 15057.00  | 4,780     | 3.15      |                         |                 |                   |              |                          |                  | 1            |
| January 2017   | Pre-Ordering                    | PO-1-XML     |   | XML Request/Response                  | Diagnostic       | N/A        | 3895.20   | 3,246     | 1.20      |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    |              | Pre-Order Response Times (Connecting Fac Assgn XM |                                       | Diagnostic       | N/A        | 5612.12   | 1,622     | 3.46      |                         |                 |                   |              |                          |                  | <u> </u>     |
| January 2017   | Pre-Ordering                    |              | All Electronic LSRs                               | LNP                                   | Diagnostic       | N/A        | 180       | 246       | 73.17%    |                         |                 |                   |              |                          |                  | <u> </u>     |
| January 2017   | Pre-Ordering                    |              | All Electronic LSRs                               | Resale Aggregate W/O UNE-P-POTS       | Diagnostic       | N/A        | 100       | 152       | 68.42%    |                         |                 |                   |              |                          |                  | <u> </u>     |
| January 2017   | Pre-Ordering                    | PO-2A        | All Electronic LSRs                               | Unbundled Loop Aggregate              | Diagnostic       | N/A        | 15        | 16        | 93.75%    |                         |                 |                   |              |                          |                  |              |
|                | Pre-Ordering                    |              | All Flow-through Eligible LSRs                    | LNP                                   | Diagnostic       | N/A        | 180       | 181       | 99.45%    |                         |                 |                   |              |                          |                  |              |
| January 2017   | -                               |              |   |                                       | -                | N/A        | 100       | 101       | 99.45%    |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    |              |   | Resale Aggregate W/O UNE-P-POTS       | Diagnostic       |            |           |           |           |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    |              | All Flow-through Eligible LSRs                    | Unbundled Loop Aggregate              | Diagnostic       | N/A        | 15        | 15        | 100.00%   |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    | PO-3X        | Electronic LSRs Rejected Manually                 | Product Aggregate                     | Diagnostic       | N/A        | 40:46     | 32        | 1:16      |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    | . /          | FOCs on Time for Fully Electronic LSRs            | Resale Aggregate                      | Benchmark        | 95.00%     | 117       | 117       | 100.00%   |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    |              |   | Unbundled Loop AGG-EELs               | Benchmark        | 95.00%     | 15        | 15        | 100.00%   |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    |              |   |                                       | Benchmark        | 95.00%     | 169       | 169       | 100.00%   |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    | PO-5B-(a)    | FOCs on Time for Electronic/Manual LSRs           | Resale Aggregate                      | Benchmark        | 90.00%     | 30        | 30        | 100.00%   |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    | PO-5B-(b)    |   | Unbundled Loop AGG-EELs               | Benchmark        | 90.00%     | 1         | 1         | 100.00%   |                         |                 |                   |              |                          |                  |              |
| January 2017   | Pre-Ordering                    | PO-5B-(c)    | FOCs on Time for Electronic/Manual LSRs           | LNP                                   | Benchmark        | 90.00%     | 55        | 55        | 100.00%   |                         |                 |                   |              |                          |                  |              |
| December 2016  | Billing                         | BI-2         | Invoices Delivered within 10 Days                 | All                                   | Parity by Design | N/A        | 220       | 220       | 100.00%   |                         |                 |                   |              |                          |                  |              |
| December 2016  | Billing                         |              |   | UNEs and Resale Aggregate             | Diagnostic       | N/A        | 69,369    | 69,369    | 100.00%   |                         |                 |                   |              |                          |                  |              |
| December 2016  | Billing                         | BI-3B        | Billing Accuracy - Adjustments for Errors         | Reciprocal Compensation               | Diagnostic       | N/A        | 622       | 622       | 100.00%   |                         |                 |                   |              |                          |                  |              |
| December 2016  | Billing                         |              | UNEs and Resale Aggregate                         | UNEs and Resale Aggregate             | Parity           | N/A        | 276       | 276       | 100.00%   | 0.00%                   | 5,230           | 5,250             | 99.62%       | 6.16%                    | -1.001366        | -1.608787    |
| December 2016  | Billing                         |              |   | Reciprocal Compensation               | Diagnostic       | N/A        | 622       | 622       | 100.00%   |                         |                 |                   |              |                          |                  |              |
| December 2016  | Database Updates                | DB-1B        | All   | LIDB                                  | Diagnostic       | N/A        | 3,466,468 | 3,229,169 | 1.07      |                         |                 |                   |              |                          |                  |              |
| December 2016  | Database Updates                | DB-1C-1      | All   | Directory Listing                     | Diagnostic       | N/A        | 1129.54   | 4,681     | 0.24      |                         |                 |                   |              |                          |                  |              |
| December 2016  | Electronic Gateway Availability | GA-1         | Gateway Availability - LSR                        | IMAGUI                                | Diagnostic       | N/A        | 30,420    | 30,420    | 100.00%   |                         |                 |                   |              |                          |                  |              |
| December 2016  | Electronic Gateway Availability | GA-1         |   | SIA                                   | Diagnostic       | N/A        | 30,420    | 30,420    | 100.00%   |                         |                 |                   |              |                          |                  |              |
| December 2016  | Electronic Gateway Availability | GA-1         | Gateway Availability - LSR                        | XML                                   | Diagnostic       | N/A        | 30,420    | 30,420    | 100.00%   |                         |                 |                   |              |                          |                  |              |
| December 2016  | Electronic Gateway Availability | GA-3         | Gateway Availability - Repair                     | EBTA                                  | Diagnostic       | N/A        | 43,140    | 43,140    | 100.00%   |                         |                 |                   |              |                          |                  |              |
| December 2016  | Electronic Gateway Availability | GA-3         | Gateway Availability - Repair                     | RepairGUI                             | Diagnostic       | N/A        | 41,925    | 41,925    | 100.00%   |                         |                 |                   |              |                          |                  |              |
| December 2016  | Electronic Gateway Availability | GA-4         | System Availability - ASR                         | EXACT                                 | Diagnostic       | N/A        | 22,500    | 22,500    | 100.00%   |                         |                 |                   |              |                          |                  |              |
| December 2016  | Electronic Gateway Availability | GA-7         | Timely Outage Resolution after Software Releases  | ALL                                   | Diagnostic       | N/A        | 0         | 0         |           |                         |                 |                   |              |                          |                  |              |
| December 2016  | Maintenance and Repair          | MR-5X        | Out of Service cleared w/i 24 hours               | Business                              | Parity           | N/A        | 1         | 1         | 100.00%   | 0.00%                   | 22              | 57                | 38.60%       | 48.68%                   | -1.250392        | 2 -1.760184  |
| December 2016  | Maintenance and Repair          | MR-8         | Trouble Rate                                      | Enhanced Extended Loops - DS1 Capable | Parity           | N/A        | 0         | 31        | 0.00%     |                         | 4               | 198               | 2.02%        | 14.07%                   | -0.743404        | 4 -1.451957  |
| December 2016  | Maintenance and Repair          | MR-8         | Trouble Rate                                      | LIS Trunk                             | Parity           | N/A        | 0         | 9,506     | 0.00%     |                         | 0               | 8,664             | 0.00%        |                          | -                |              |
| December 2016  | Maintenance and Repair          | MR-8         | Trouble Rate                                      | Residence                             | Parity           | N/A        | 0         | 34        | 0.00%     |                         | 305             | 22,482            |              |                          | -0.683297        | -1.415415    |
| December 2016  | Maintenance and Repair          | MR-8         | Trouble Rate                                      | Unbundled Loop - 2 Wire Non-Loaded    | Parity           | N/A        | 0         | 27        | 0.00%     |                         | 0               | 132               | 0.00%        |                          |                  |              |
| December 2016  | Maintenance and Repair          | MR-8         |   | Unbundled Loop - DS1 Capable          | Parity           | N/A        | 0         | 94        | 0.00%     |                         | 4               | 238               | 1.68%        | 12.85%                   | -1.073261        | 1 -1.652496  |
| December 2016  | Maintenance and Repair          | MR-8         | Trouble Rate                                      | Unbundled Loop Analog                 | Parity           | N/A        | 0         | 255       | 0.00%     |                         | 372             |                   |              |                          |                  |              |
| December 2016  | Network Performance             | NI-1A        | Trunk Blockage to CTL-Q Tandem Ofc wi TGSR excl   | LIS Trunk                             | Parity           | N/A        | 0         | 1,656     | 0.00%     | 0.01%                   |                 |                   |              |                          |                  | -2.993913    |
| December 2016  | Network Performance             | NI-1B        | Trunk Blockage to CTL-Q End Ofc wi TGSR excl      | LIS Trunk                             | Parity           | N/A        | 0         | 2,409     | 0.00%     | 0.00%                   |                 |                   |              |                          |                  |              |
| December 2016  | Network Performance             | NI-1C        | Trunk Blockage to CTL-Q Tandem Ofc w/o TGSR excl  |                                       | Diagnostic       | N/A        | 1         | 1,728     | 0.06%     | 2.5076                  |                 |                   |              |                          | -                | <u> </u>     |
| December 2016  | Network Performance             | NI-1D        | 0   | LIS Trunk                             | Diagnostic       | N/A        | 0         | 2,409     | 0.00%     |                         |                 |                   |              |                          |                  | <u> </u>     |
| December 2016  | Ordering and Provisioning       | OP-3B        | Dispatches outside MSAs                           | Residence                             | Parity           | N/A        | 0         | 2,-03     | 0.00%     | 0.00%                   | 46              | 48                | 95.83%       | 19.98%                   | 1.544575         | 5 -0.060965  |
| December 2016  | Ordering and Provisioning       |              |   | Unbundled Loop - DS1 Capable          | Parity           | N/A<br>N/A | 1         | 1         | 100.00%   | 0.00%                   | 40              | 40                | 55.0370      | , 13.907                 | 1.044070         | 0.000300     |
| 200000001 2010 | cracing and i tovialoning       | 01 01        |   | Subarraida Loop DOI Gapable           | · any            | 1.9/7.5    | 1         | 1         | 100.00 /0 | 0.00%                   |                 |                   |              |                          |                  |              |

| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering   | OP-5A<br>OP-5A<br>OP-8C<br>PO-1-IMA GUI<br>PO-1-IMA GUI  | Interval Zone 2 Areas New Service Installation Quality New Service Installation Quality Number Portability Timeliness without Loop Coord Pre-Order Response Times (Address Validation) Pre-Order Response Times (Apt. Scheduler) Pre-Order Response Times (Facility Assignment) Pre-Order Response Times (Facility Assignment) Pre-Order Response Times (Facility Assignment) Pre-Order Response Times (Facility Check) Pre-Order Response Times (Facility Check) Pre-Order Response Times (Facility Check) Pre-Order Response Times (Get CSR) Pre-Order Response Times (Get CSR)  | Unbundled Loop - DS1 Capable<br>Residence<br>Unbundled Loop - DS1 Capable<br>LNP<br>REQUEST<br>RESPONSE<br>TOTAL<br>REQUEST<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL  | Benchmark<br>Parity<br>Parity<br>Benchmark<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic   | 5.50<br>N/A<br>N/A<br>95.00%<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A  | 5<br>1<br>1<br>657<br>6544.66<br>15825.84<br>22370.50<br>3308.54<br>3797.28<br>701.22<br>1356.48  | 1<br>1<br>1<br>658<br>19,249<br>12,972<br>19,249<br>4,471<br>4,471<br>1,798   | 5.00<br>100.00%<br>100.00%<br>99.85%<br>0.34<br>1.22<br>1.16<br>0.74<br>0.85   | 0.00%   | 192  | 201   | 95.52%  | 20.68%  | -0.21597  | -1.1313  |
|---|--|--|---|--|---|---|---|--|---|--|---|---|---|---|--|
| rdering and Provisioning<br>rdering and Provisioning<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering | OP-5A<br>OP-8C<br>PO-1-IMA GUI<br>PO-1-IMA GUI   | New Service Installation Quality<br>Number Portability Timeliness without Loop Coord<br>Pre-Order Response Times (Address Validation)<br>Pre-Order Response Times (Address Validation)<br>Pre-Order Response Times (Appt. Scheduler)<br>Pre-Order Response Times (Appt. Scheduler)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Get CSR)<br>Pre-Order Response Times (Get CSR)   | Unbundled Loop - DS1 Capable<br>LNP<br>REQUEST<br>RESPONSE<br>TOTAL<br>REQUEST<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL   | Parity<br>Benchmark<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic  | N/A<br>95.00%<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A   | 1<br>657<br>6544.66<br>15825.84<br>22370.50<br>3308.54<br>3797.28<br>701.22   | 19,249<br>12,972<br>19,249<br>4,471<br>4,471<br>1,798   | 100.00%<br>99.85%<br>0.34<br>1.22<br>1.16<br>0.74<br>0.85  |   | 192  | 201   | 95.52%  | 20.68%  | -0.21597  | -1.131:  |
| rdering and Provisioning<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering              | OP-8C<br>PO-1-IMA GUI<br>PO-1-IMA GUI  | Number Portability Timeliness without Loop Coord<br>Pre-Order Response Times (Address Validation)<br>Pre-Order Response Times (Address Validation)<br>Pre-Order Response Times (Address Validation)<br>Pre-Order Response Times (Appt. Scheduler)<br>Pre-Order Response Times (Appt. Scheduler)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Get CSR)  | LNP<br>REQUEST<br>RESPONSE<br>TOTAL<br>REQUEST<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL   | Benchmark<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic  | 95.00%<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A  | 6544.66<br>15825.84<br>22370.50<br>3308.54<br>3797.28<br>701.22   | 19,249<br>12,972<br>19,249<br>4,471<br>4,471<br>1,798   | 99.85%<br>0.34<br>1.22<br>1.16<br>0.74<br>0.85   | 0.00%   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering            | PO-1-IMA GUI<br>PO-1-IMA GUI   | Pre-Order Response Times (Address Validation)<br>Pre-Order Response Times (Address Validation)<br>Pre-Order Response Times (Address Validation)<br>Pre-Order Response Times (Appt. Scheduler)<br>Pre-Order Response Times (Appt. Scheduler)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Get CSR)  | REQUEST<br>RESPONSE<br>TOTAL<br>REQUEST<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL  | Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic   | N/A<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A   | 6544.66<br>15825.84<br>22370.50<br>3308.54<br>3797.28<br>701.22   | 19,249<br>12,972<br>19,249<br>4,471<br>4,471<br>1,798   | 0.34<br>1.22<br>1.16<br>0.74<br>0.85   |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering   | PO-1-IMA GUI<br>PO-1-IMA GUI   | Pre-Order Response Times (Address Validation)<br>Pre-Order Response Times (Appt. Scheduler)<br>Pre-Order Response Times (Appt. Scheduler)<br>Pre-Order Response Times (Appt. Scheduler)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Get CSR)<br>Pre-Order Response Times (Get CSR)   | RESPONSE<br>TOTAL<br>REQUEST<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL   | Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic   | N/A<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A<br>N/A   | 15825.84<br>22370.50<br>3308.54<br>3797.28<br>701.22  | 12,972<br>19,249<br>4,471<br>4,471<br>1,798   | 1.22<br>1.16<br>0.74<br>0.85   |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering   | PO-1-IMA GUI<br>PO-1-IMA GUI   | Pre-Order Response Times (Address Validation)         Pre-Order Response Times (Appt. Scheduler)         Pre-Order Response Times (Appt. Scheduler)         Pre-Order Response Times (Facility Assignment)         Pre-Order Response Times (Facility Assignment)         Pre-Order Response Times (Facility Check)         Pre-Order Response Times (Get CSR)         Pre-Order Response Times (Get CSR)  | TOTAL<br>REQUEST<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL   | Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic   | N/A           N/A           N/A           N/A           N/A           N/A           N/A           N/A   | 22370.50<br>3308.54<br>3797.28<br>701.22  | 19,249<br>4,471<br>4,471<br>1,798   | 1.16<br>0.74<br>0.85   |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering  | PO-1-IMA GUI<br>PO-1-IMA GUI   | Pre-Order Response Times (Appt. Scheduler)<br>Pre-Order Response Times (Appt. Scheduler)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Get CSR)<br>Pre-Order Response Times (Get CSR)  | REQUEST<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL  | Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic   | N/A           N/A           N/A           N/A           N/A           N/A           N/A   | 3308.54<br>3797.28<br>701.22  | 4,471<br>4,471<br>1,798   | 0.74<br>0.85   |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering  | PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI   | Pre-Order Response Times (Appt. Scheduler)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Get CSR)<br>Pre-Order Response Times (Get CSR)   | TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL   | Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic   | N/A<br>N/A<br>N/A<br>N/A  | 3797.28<br>701.22   | 4,471<br>1,798  | 0.85   |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering   | PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI   | Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Get CSR)<br>Pre-Order Response Times (Get CSR)   | REQUEST<br>RESPONSE<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL  | Diagnostic<br>Diagnostic<br>Diagnostic<br>Diagnostic   | N/A<br>N/A<br>N/A   | 701.22  | 1,798   |  |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering  | PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI   | Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Get CSR)<br>Pre-Order Response Times (Get CSR)   | RESPONSE<br>TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL   | Diagnostic<br>Diagnostic<br>Diagnostic   | N/A<br>N/A  |   |   | 0.00   |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering   | PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI   | Pre-Order Response Times (Facility Assignment)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Get CSR)<br>Pre-Order Response Times (Get CSR)   | TOTAL<br>REQUEST<br>RESPONSE<br>TOTAL   | Diagnostic<br>Diagnostic   | N/A   | 1356.48   | 4 070   | 0.39   |   |  |   |   | 1   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering   | PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI   | Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Get CSR)<br>Pre-Order Response Times (Get CSR)  | REQUEST<br>RESPONSE<br>TOTAL  | Diagnostic   |   |   | 1,256   | 1.08   |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering  | PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI   | Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Get CSR)<br>Pre-Order Response Times (Get CSR)   | RESPONSE<br>TOTAL   | -  | <b>b</b> 1 / A  | 2057.70   | 1,798   | 1.14   |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering   | PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI   | Pre-Order Response Times (Facility Check)<br>Pre-Order Response Times (Get CSR)<br>Pre-Order Response Times (Get CSR)  | TOTAL   | Discussion   | N/A   | 3295.45   | 3,877   | 0.85   |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering   | PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI   | Pre-Order Response Times (Get CSR)<br>Pre-Order Response Times (Get CSR)   |   | Diagnostic   | N/A   | 8364.16   | 3,734   | 2.24   |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering  | PO-1-IMA GUI<br>PO-1-IMA GUI<br>PO-1-IMA GUI   | Pre-Order Response Times (Get CSR)   |   | Diagnostic   | N/A   | 11659.61  | 3,877   | 3.01   |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering   | PO-1-IMA GUI<br>PO-1-IMA GUI   |  | REQUEST   | Diagnostic   | N/A   | 8078.70   | 7,694   | 1.05   |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering<br>re-Ordering  | PO-1-IMA GUI   | Dec Order December Times (O. 1000)   | RESPONSE  | Diagnostic   | N/A   | 6486.00   | 5,640   | 1.15   |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering<br>re-Ordering   |  | Pre-Order Response Times (Get CSR)   | TOTAL   | Diagnostic   | N/A   | 14564.70  | 7,694   | 1.89   |   |  |   |   |   |   |  |
| re-Ordering<br>re-Ordering  | PO-1-IMA GUI   | Pre-Order Response Times (Meet Point Inquiry)  | REQUEST   | Diagnostic   | N/A   | 2371.81   | 1,093   | 2.17   |   |  |   |   |   |   |  |
| re-Ordering   |  | Pre-Order Response Times (Meet Point Inquiry)  | RESPONSE  | Diagnostic   | N/A   | 697.16  | 1,202   | 0.58   |   |  |   |   |   |   |  |
|   | PO-1-IMA GUI   | Pre-Order Response Times (Meet Point Inquiry)  | TOTAL   | Diagnostic   | N/A   | 3068.97   | 1,093   | 2.81   |   |  |   |   |   |   |  |
| na Ordania a  | PO-1-IMA GUI   | Pre-Order Response Times (Service Availability)  | REQUEST   | Diagnostic   | N/A   | 3315.00   | 6,500   | 0.51   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-IMA GUI   | Pre-Order Response Times (Service Availability)  | RESPONSE  | Diagnostic   | N/A   | 7924.84   | 12,782  | 0.62   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-IMA GUI   | Pre-Order Response Times (Service Availability)  | TOTAL   | Diagnostic   | N/A   | 11239.84  | 6,500   | 1.73   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-IMA GUI   | Pre-Order Response Times (TN Reservation)  | ACCEPT  | Diagnostic   | N/A   | 246.33  | 1,071   | 0.23   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-IMA GUI   | Pre-Order Response Times (TN Reservation)  | REQUEST   | Diagnostic   | N/A   | 773.96  | 1,759   | 0.44   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-IMA GUI   | Pre-Order Response Times (TN Reservation)  | RESPONSE  | Diagnostic   | N/A   | 1097.46   | 871   | 1.26   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-IMA GUI   | Pre-Order Response Times (TN Reservation)  | TOTAL   | Diagnostic   | N/A   | 2117.75   | 1,759   | 1.20   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-IMA GUI   | Pre-Order Response Times(Loop Qual Tools)  | REQUEST   | Diagnostic   | N/A   | 2467.25   | 3,475   | 0.71   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-IMA GUI   | Pre-Order Response Times(Loop Qual Tools)  | RESPONSE  | Diagnostic   | N/A   | 48167.14  | 2,558   | 18.83  |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-IMA GUI   | Pre-Order Response Times(Loop Qual Tools)  | TOTAL   | Diagnostic   | N/A   | 50634.39  | 3,475   | 14.57  |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-XML   | Pre-Order Response Times (Address Validation XML)  | XML Request/Response  | Diagnostic   | N/A   | 8412.78   | 4,523   | 1.86   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-XML   | Pre-Order Response Times (Appt. Scheduler XML)   | XML Request/Response  | Diagnostic   | N/A   | 7300.77   | 4,479   | 1.63   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-XML   | Pre-Order Response Times (Facility Check XML)  | XML Request/Response  | Diagnostic   | N/A   | 66721.92  | 6,726   | 9.92   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-XML   | Pre-Order Response Times (Get CSR XML)   | XML Request/Response  | Diagnostic   | N/A   | 26569.31  | 6,311   | 4.21   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-XML   | Pre-Order Response Times (Loop Qual Tools XML)   | XML Request/Response  | Diagnostic   | N/A   | 46040.56  | 3,368   | 13.67  |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-XML   | Pre-Order Response Times (Meet Point Inquiry XML)  | XML Request/Response  | Diagnostic   | N/A   | 3991.25   | 775   | 5.15   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-XML   | Pre-Order Response Times (Service Avail XML)   | XML Request/Response  | Diagnostic   | N/A   | 15372.00  | 4,880   | 3.15   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-XML   | Pre-Order Response Times (TN Reservation XML)  | XML Request/Response  | Diagnostic   | N/A   | 3680.60   | 3,346   | 1.10   |   |  |   |   |   |   |  |
| re-Ordering   | PO-1-XML   | Pre-Order Response Times(Connecting Fac Assgn XM   | /I XML Request/Response   | Diagnostic   | N/A   | 5266.12   | 1,522   | 3.46   |   |  |   |   |   |   |  |
| re-Ordering   | PO-2A  | All Electronic LSRs  | LNP   | Diagnostic   | N/A   | 109   | 172   | 63.37%   |   |  |   |   |   |   |  |
| re-Ordering   | PO-2A  | All Electronic LSRs  | Resale Aggregate W/O UNE-P-POTS   | Diagnostic   | N/A   | 73  | 138   | 52.90%   |   |  |   |   |   |   |  |
| re-Ordering   | PO-2A  | All Electronic LSRs  | Unbundled Loop Aggregate  | Diagnostic   | N/A   | 4   | 4   | 100.00%  |   |  |   |   |   |   |  |
| re-Ordering   | PO-2B  | All Flow-through Eligible LSRs   | LNP   | Diagnostic   | N/A   | 109   | 115   | 94.78%   |   |  |   |   |   |   |  |
| re-Ordering   | PO-2B  | All Flow-through Eligible LSRs   | Resale Aggregate W/O UNE-P-POTS   | Diagnostic   | N/A   | 73  | 74  | 98.65%   |   |  |   |   |   |   |  |
| re-Ordering   |  |  | Unbundled Loop Aggregate  | Diagnostic   | N/A   | 4   | 4   | 100.00%  |   |  |   |   |   |   |  |
| re-Ordering   | PO-3C  | LSRs received via facsimile  | Product Aggregate   | Diagnostic   | N/A   | 32:08   | 2   | 16:04  |   |  |   |   |   |   |  |
| re-Ordering   | PO-3X  | Electronic LSRs Rejected Manually  | Product Aggregate   | Diagnostic   | N/A   | 15:37   | 19  | 0:49   |   |  |   |   |   |   |  |
| re-Ordering   |  |  | Resale Aggregate  | Benchmark  | 95.00%  |   |   | 100.00%  |   |  |   |   |   |   |  |
| re-Ordering   | PO-5A-(b)  | FOCs on Time for Fully Electronic LSRs   | Unbundled Loop AGG-EELs   | Benchmark  | 95.00%  | 5   | 5   | 100.00%  |   |  |   |   |   |   |  |
| re-Ordering   |  |  | LNP   | Benchmark  | 95.00%  | 101   | 101   | 100.00%  |   |  |   |   |   |   |  |
| re-Ordering   | PO-5B-(a)  | FOCs on Time for Electronic/Manual LSRs  | Resale Aggregate  | Benchmark  | 90.00%  | 19  | 19  | 100.00%  |   |  |   |   |   |   |  |
| re-Ordering   | PO-5B-(c)  | FOCs on Time for Electronic/Manual LSRs  | LNP   | Benchmark  | 90.00%  | 58  | 58  | 100.00%  |   |  |   |   |   |   |  |
| re-Ordering   |  |  | Unbundled Loop AGG-EELs   | Benchmark  | 90.00%  | 2   | 2   | 100.00%  |   |  |   |   |   |   |  |
| re-Ordering   |  |  | LNP   | Benchmark  | 90.00%  | 1   | 1   | 100.00%  |   |  |   |   |   |   |  |
| re-Ordering   |  |  | LIS Trunk   | Benchmark  | 85.00%  | 3   | 3   | 100.00%  |   |  |   |   |   |   |  |
| re-Ordering   |  |  |   | Parity   | N/A   | 0   | 1   | 0.00%  | 0.00%   | 0  | 20  | 0.00%   | 0.00%   |   |  |
| illing  |  | 5  | All   | ,  | N/A   | 191   | 191   | 100.00%  |   | 0  |   |   | 1.50 / 0  |   |  |
|   |  |  | UNEs and Resale Aggregate   |  |   | 76,074  | 76,074  | 100.00%  |   |  |   |   |   |   |  |
|   |  | Billing Accuracy - Adjustments for Errors  |   |  |   | ,   |   |  |   |  |   | 1 h   | (   |   |  |
| re-(<br>re-(<br>re-(<br>re-(<br>re-(<br>re-(<br>re-(<br>re-(  | 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| Month         | PID Category                    | PID      | PID Title   | Product Category                      | Standard   | Benchmark  |                    |           |         | LEC Standard Deviation CTL |       |        |        |        |           | ,         |
|---------------|---------------------------------|----------|---|---------------------------------------|------------|------------|--------------------|-----------|---------|----------------------------|-------|--------|--------|--------|-----------|-----------|
| November 2016 | Billing                         | BI-4A    | UNEs and Resale Aggregate                         | UNEs and Resale Aggregate             | Parity     | N/A        | 333                | 333       | 100.00% | 0.00%                      | 5,570 | 5,663  | 98.36% | 12.71% | -2.291545 | -2.393161 |
| November 2016 | Billing                         | BI-4B    | Reciprocal Compensation (MOU):                    | Reciprocal Compensation               | Diagnostic | N/A        | 588                | 588       | 100.00% |                            |       |        |        |        |           |           |
| November 2016 | Database Updates                | DB-1B    | All   | LIDB                                  | Diagnostic | N/A        | 3,224,472          | 2,968,433 | 1.09    |                            |       |        |        |        |           |           |
| November 2016 | Database Updates                | DB-1C-1  | All   | Directory Listing                     | Diagnostic | N/A        | 1173.45            | 5,226     | 0.22    |                            |       |        |        |        |           |           |
| November 2016 | Electronic Gateway Availability | GA-1     | Gateway Availability - LSR                        | IMAGUI                                | Diagnostic | N/A        | 29,520             | 29,520    | 100.00% |                            |       |        |        |        |           |           |
| November 2016 | Electronic Gateway Availability | GA-1     | Gateway Availability - LSR                        | SIA                                   | Diagnostic | N/A        | 29,520             | 29,520    | 100.00% |                            |       |        |        |        |           |           |
| November 2016 | Electronic Gateway Availability | GA-1     | Gateway Availability - LSR                        | XML                                   | Diagnostic | N/A        | 29,520             | 29,520    | 100.00% |                            |       |        |        |        |           |           |
| November 2016 | Electronic Gateway Availability | GA-3     | Gateway Availability - Repair                     | EBTA                                  | Diagnostic | N/A        | 41,760             | 41,760    | 100.00% |                            |       |        |        |        |           |           |
| November 2016 | Electronic Gateway Availability | GA-3     | Gateway Availability - Repair                     | RepairGUI                             | Diagnostic | N/A        | 40,740             | 40,740    | 100.00% |                            |       |        |        |        |           |           |
| November 2016 | Electronic Gateway Availability | GA-4     | System Availability - ASR                         | EXACT                                 | Diagnostic | N/A        | 21,960             | 21,960    | 100.00% |                            |       |        |        |        |           |           |
| November 2016 | Electronic Gateway Availability | GA-7     | Timely Outage Resolution after Software Releases  | ALL                                   | Diagnostic | N/A        | 0                  | 0         |         |                            |       |        |        |        |           |           |
| November 2016 | Maintenance and Repair          | MR-5B    | All Troubles Cleared w/i 4 Hours-Zone 2           | LIS Trunk                             | Parity     | N/A        | 0                  | 1         | 0.00%   | 0.00%                      |       |        |        |        |           |           |
| November 2016 | Maintenance and Repair          | MR-5X    | Out of Service cleared w/i 24 hours               | Business                              | Parity     | N/A        | 1                  | 2         | 50.00%  | 50.00%                     | 23    | 57     | 40.35% | 49.06% | -0.273392 | -1.166211 |
| November 2016 | Maintenance and Repair          | MR-6E    | Mean Time to Restore Interval Zone 2              | LIS Trunk                             | Parity     | N/A        | 38:59              | 1         | 38:59   | 0:00                       |       |        |        |        |           |           |
| November 2016 | Maintenance and Repair          | MR-7E    | Repair Repeat Report Rate-Zone 2                  | LIS Trunk                             | Parity     | N/A        | 0                  | 1         | 0.00%   | 0.00%                      |       |        |        |        |           |           |
| November 2016 | Maintenance and Repair          | MR-8     | Trouble Rate                                      | Enhanced Extended Loops - DS1 Capable | Parity     | N/A        | 0                  | 31        | 0.00%   |                            | 2     | 203    | 0.99%  | 9.88%  | -0.517295 | -1.314493 |
| November 2016 | Maintenance and Repair          | MR-8     | Trouble Rate                                      | LIS Trunk                             | Parity     | N/A        | 1                  | 9,506     | 0.01%   | 1.03%                      | 0     | 8,664  | 0.00%  |        |           |           |
| November 2016 | Maintenance and Repair          | MR-8     | Trouble Rate                                      | Residence                             | Parity     | N/A        | 0                  | 43        | 0.00%   |                            | 234   | 22,635 | 1.03%  | 10.11% | -0.669571 | -1.40707  |
| November 2016 | Maintenance and Repair          | MR-8     | Trouble Rate                                      | Unbundled Loop - 2 Wire Non-Loaded    | Parity     | N/A        | 0                  | 28        | 0.00%   |                            | 0     | 132    | 0.00%  |        |           |           |
| November 2016 | Maintenance and Repair          | MR-8     | Trouble Rate                                      | Unbundled Loop - DS1 Capable          | Parity     | N/A        | 0                  | 94        | 0.00%   |                            | 2     | 243    | 0.82%  | 9.03%  | -0.749995 | -1.455965 |
| November 2016 | Maintenance and Repair          | MR-8     | Trouble Rate                                      | Unbundled Loop Analog                 | Parity     | N/A        | 0                  | 256       | 0.00%   |                            | 296   | 37,040 | 0.80%  | 8.90%  | -1.431123 | -1.870061 |
| November 2016 | Network Performance             | NI-1A    | Trunk Blockage to CTL-Q Tandem Ofc wi TGSR excl   | LIS Trunk                             | Parity     | N/A        | 1                  | 1,728     | 0.06%   | 0.27%                      |       |        |        |        |           | -2.813333 |
| November 2016 | Network Performance             | NI-1B    | Trunk Blockage to CTL-Q End Ofc wi TGSR excl      | LIS Trunk                             | Parity     | N/A        | 0                  | 2,409     | 0.00%   | 0.00%                      |       |        |        |        |           | -?        |
| November 2016 | Network Performance             | NI-1C    | Trunk Blockage to CTL-Q Tandem Ofc w/o TGSR excl  | LIS Trunk                             | Diagnostic | N/A        | 1                  | 1,728     | 0.06%   |                            |       |        |        |        |           |           |
| November 2016 | Network Performance             | NI-1D    | Trunk Blockage to CTL-Q End Ofc w/o TGSR excl     | LIS Trunk                             | Diagnostic | N/A        | 0                  | 2,409     | 0.00%   |                            |       |        |        |        |           |           |
| November 2016 | Ordering and Provisioning       | OP-3A    | Dispatches within MSAs                            | Residence                             | Parity     | N/A        | 1                  | 1         | 100.00% | 0.00%                      | 95    | 105    | 90.48% | 29.35% | -0.322909 | -1.196315 |
| November 2016 | Ordering and Provisioning       | OP-3B    | Dispatches outside MSAs                           | Residence                             | Parity     | N/A        | 2                  | 2         | 100.00% | 0.00%                      | 46    | 47     | 97.87% | 14.43% | -0.204215 | -1.124154 |
| November 2016 | Ordering and Provisioning       | OP-3C    | No dispatches                                     | Residence                             | Parity     | N/A        | 1                  | 1         | 100.00% | 0.00%                      | 44    | 45     | 97.78% | 14.74% | -0.149108 | -1.090651 |
| November 2016 | Ordering and Provisioning       | OP-4A    | Dispatches within MSAs                            | Residence                             | Parity     | N/A        | 9                  | 1         | 9.00    | 0.00                       | 727   | 85     | 8.55   | 6.77   | 0.135774  |           |
| November 2016 | Ordering and Provisioning       | OP-5A    | New Service Installation Quality                  | Residence                             | Parity     | N/A        | 4                  | 4         | 100.00% | 0.00%                      | 180   | 197    | 91.37% | 28.08% | -0.60849  |           |
| November 2016 | Ordering and Provisioning       | OP-8C    | Number Portability Timeliness without Loop Coord  | LNP                                   | Benchmark  | 95.00%     | 310                | 310       | 100.00% |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Address Validation)     | REQUEST                               | Diagnostic | N/A        | 6417.18            | 19,446    | 0.33    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Address Validation)     | RESPONSE                              | Diagnostic | N/A        | 15693.60           | 13,078    | 1.20    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Address Validation)     | TOTAL                                 | Diagnostic | N/A        | 22110.78           | 19,446    | 1.14    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Appt. Scheduler)        | REQUEST                               | Diagnostic | N/A        | 3072.24            | 4,267     | 0.72    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Appt. Scheduler)        | TOTAL                                 | Diagnostic | N/A        | 3564.94            | 4,267     | 0.84    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Facility Assignment)    | REQUEST                               | Diagnostic | N/A        | 704.38             | 1,718     | 0.41    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Facility Assignment)    | RESPONSE                              | Diagnostic | N/A        | 1314.60            | 1,252     | 1.05    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Facility Assignment)    | TOTAL                                 | Diagnostic | N/A        | 2018.98            | 1,202     | 1.00    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Facility Check)         | REQUEST                               | Diagnostic | N/A        | 3083.67            | 3.807     | 0.81    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Facility Check)         | RESPONSE                              | Diagnostic | N/A        | 7957.00            | 3,650     | 2.18    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Facility Check)         | TOTAL                                 | Diagnostic | N/A        | 11040.67           | 3,807     | 2.18    |                            |       |        |        |        |           |           |
|               | Ŭ                               |          |   | REQUEST                               | -          | N/A        |                    | 7,351     | 1.09    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Get CSR)                | RESPONSE                              | Diagnostic | N/A<br>N/A | 8012.59<br>6542.40 | 5,640     | 1.09    |                            |       |        |        |        |           |           |
|               | Pre-Ordering                    |          | Pre-Order Response Times (Get CSR)                | TOTAL                                 | Diagnostic | N/A<br>N/A | 14554.99           |           | 1.16    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Get CSR)                |                                       | Diagnostic |            |                    | 7,351     |         |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Meet Point Inquiry)     | REQUEST                               | Diagnostic | N/A        | 2284.37            | 1,093     | 2.09    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Meet Point Inquiry)     | RESPONSE                              | Diagnostic | N/A        | 603.72             | 1,161     | 0.52    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Meet Point Inquiry)     | TOTAL                                 | Diagnostic | N/A        | 2888.09            | 1,093     | 2.64    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Service Availability)   | REQUEST                               | Diagnostic | N/A        | 3804.08            | 6,793     | 0.56    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Service Availability)   | RESPONSE                              | Diagnostic | N/A        | 7014.70            | 12,754    | 0.55    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (Service Availability)   | TOTAL                                 | Diagnostic | N/A        | 10818.78           | 6,793     | 1.59    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (TN Reservation)         | ACCEPT                                | Diagnostic | N/A        | 268.75             | 1,075     | 0.25    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (TN Reservation)         | REQUEST                               | Diagnostic | N/A        | 731.05             | 1,860     | 0.39    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (TN Reservation)         | RESPONSE                              | Diagnostic | N/A        | 1263.39            | 980       | 1.29    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times (TN Reservation)         | TOTAL                                 | Diagnostic | N/A        | 2263.19            | 1,860     | 1.22    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times(Loop Qual Tools)         | REQUEST                               | Diagnostic | N/A        | 2306.04            | 3,494     | 0.66    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times(Loop Qual Tools)         | RESPONSE                              | Diagnostic | N/A        | 53203.83           | 2,787     | 19.09   |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    |          | Pre-Order Response Times(Loop Qual Tools)         | TOTAL                                 | Diagnostic | N/A        | 55509.87           | 3,494     | 15.89   |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    | PO-1-XML | Pre-Order Response Times (Address Validation XML) | XML Request/Response                  | Diagnostic | N/A        | 8593.70            | 4,523     | 1.90    |                            |       |        |        |        |           |           |
| November 2016 | Pre-Ordering                    | PO-1-XML | Pre-Order Response Times (Appt. Scheduler XML)    | XML Request/Response                  | Diagnostic | N/A        | 7830.09            | 4,579     | 1.71    |                            |       |        |        |        |           |           |

| Month                          | PID Category                    | PID                    | PID Title  | Product Category                              | Standard                 |            |           |           |                  | CLEC Standard Deviation | CTL-Q Numerator | CTL-Q Denominator | CTL-Q Result | CTL-Q Standard Deviation | Modified Z Score | Parity Score |
|--------------------------------|---------------------------------|------------------------|--|---|--------------------------|------------|-----------|-----------|------------------|-------------------------|-----------------|-------------------|--------------|--------------------------|------------------|--------------|
| November 2016                  | Pre-Ordering                    | PO-1-XML               | Pre-Order Response Times (Facility Check XML)    | XML Request/Response                          | Diagnostic               | N/A        | 67806.72  | 6,976     | 9.72             |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering                    | PO-1-XML               | Pre-Order Response Times (Get CSR XML)           | XML Request/Response                          | Diagnostic               | N/A        | 26168.94  | 6,321     | 4.14             |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering                    | PO-1-XML               | ,  | XML Request/Response                          | Diagnostic               | N/A        | 47050.96  | 3,368     | 13.97            |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering                    | PO-1-XML               |  | XML Request/Response                          | Diagnostic               | N/A        | 4011.35   | 785       | 5.11             |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering                    | PO-1-XML               | Pre-Order Response Times (Service Avail XML)     | XML Request/Response                          | Diagnostic               | N/A        | 15917.40  | 4,780     | 3.33             |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering                    | PO-1-XML               |  | XML Request/Response                          | Diagnostic               | N/A        | 3775.20   | 3,146     | 1.20             |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering                    | PO-1-XML               | Pre-Order Response Times(Connecting Fac Assgn XM |   | Diagnostic               | N/A        | 5612.12   | 1,622     | 3.46             |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering                    | PO-2A                  | All Electronic LSRs                              | LNP   | Diagnostic               | N/A        | 145       | 222       | 65.32%           |                         |                 |                   |              |                          |                  | (            |
| November 2016                  | Pre-Ordering                    | PO-2A                  |  | Resale Aggregate W/O UNE-P-POTS               | Diagnostic               | N/A        | 94        | 170       | 55.29%           |                         |                 |                   |              |                          |                  |              |
| November 2016<br>November 2016 | Pre-Ordering<br>Pre-Ordering    | PO-2A<br>PO-2B         |  | Unbundled Loop Aggregate                      | Diagnostic               | N/A<br>N/A | 145       | 148       | 85.71%<br>97.97% |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering<br>Pre-Ordering    | PO-2B<br>PO-2B         |  |   | Diagnostic               | N/A<br>N/A | 94        | 94        | 100.00%          |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering<br>Pre-Ordering    | PO-2B<br>PO-2B         |  | Resale Aggregate W/O UNE-P-POTS               | Diagnostic               | N/A        | 94        | 94        | 100.00%          |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering<br>Pre-Ordering    | PO-2B<br>PO-3X         |  | Unbundled Loop Aggregate<br>Product Aggregate | Diagnostic<br>Diagnostic | N/A        | 16:41     | 18        | 0:56             |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering<br>Pre-Ordering    | PO-5A-(a)              |  | Resale Aggregate                              | Benchmark                | 95.00%     | 92        | 92        | 100.00%          |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering                    | PO-5A-(a)              |  | Unbundled Loop AGG-EELs                       | Benchmark                | 95.00%     | 92        | 92        | 100.00%          |                         |                 |                   |              |                          |                  | (            |
| November 2016                  | Pre-Ordering<br>Pre-Ordering    | PO-5A-(b)<br>PO-5A-(c) |  | LNP   | Benchmark                | 95.00%     | 134       | 134       | 100.00%          |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering                    | PO-5B-(a)              |  | Resale Aggregate                              | Benchmark                | 90.00%     | 19        | 19        | 100.00%          |                         |                 |                   |              |                          |                  | (            |
| November 2016                  | Pre-Ordering<br>Pre-Ordering    | PO-5B-(a)<br>PO-5B-(b) |  | Unbundled Loop AGG-EELs                       | Benchmark                | 90.00%     | 19        | 19        | 100.00%          |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering<br>Pre-Ordering    | PO-5B-(b)<br>PO-5B-(c) |  | LNP   | Benchmark                | 90.00%     | 67        | 67        | 100.00%          |                         |                 |                   |              |                          |                  |              |
| November 2016                  | Pre-Ordering<br>Pre-Ordering    | PO-5B-(C)<br>PO-5D     |  | LIS Trunk                                     | Benchmark                | 85.00%     | 1         | 1         | 100.00%          |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Billing                         | BI-2                   | Invoices Delivered within 10 Days                | All   | Parity by Design         | N/A        | 207       | 209       | 99.04%           |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Billing                         | BI-3A                  |  | UNEs and Resale Aggregate                     | Diagnostic               | N/A        | 85,148    | 85,148    | 100.00%          |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Billing                         | BI-3B                  |  | Reciprocal Compensation                       | Diagnostic               | N/A        | 546       | 546       | 100.00%          |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Billing                         | BI-4A                  |  | UNEs and Resale Aggregate                     | Parity                   | N/A        | 305       | 307       | 99.35%           | 8.05%                   | 5,786           | 5,810             | 99.59%       | 6.41%                    | 0.311121         | -0.810852    |
| October 2016                   | Billing                         | BI-4B                  | 00 0   | Reciprocal Compensation                       | Diagnostic               | N/A        | 546       | 546       | 100.00%          | 0.0070                  | 0,700           | 0,010             | 00.007       | 0.117                    | 0.011121         | 0.010002     |
| October 2016                   | Database Updates                | DB-1B                  |  | LIDB  | Diagnostic               | N/A        | 3,218,985 | 3,054,395 | 1.05             |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Database Updates                | DB-1C-1                |  | Directory Listing                             | Diagnostic               | N/A        | 2462.60   | 7,309     | 0.34             |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Electronic Gateway Availability | GA-1                   |  | IMAGUI  | Diagnostic               | N/A        | 29.880    | 29.880    | 100.00%          |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Electronic Gateway Availability | GA-1                   |  | SIA   | Diagnostic               | N/A        | 29,880    | 29,880    | 100.00%          |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Electronic Gateway Availability | GA-1                   |  | XML   | Diagnostic               | N/A        | 29,880    | 29,880    | 100.00%          |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Electronic Gateway Availability | GA-3                   | Gateway Availability - Repair                    | EBTA  | Diagnostic               | N/A        | 42,840    | 42,840    | 100.00%          |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Electronic Gateway Availability | GA-3                   |  | RepairGUI                                     | Diagnostic               | N/A        | 41,565    | 41,565    | 100.00%          |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Electronic Gateway Availability | GA-4                   |  | EXACT   | Diagnostic               | N/A        | 21,600    | 21,600    | 100.00%          |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Electronic Gateway Availability | GA-7                   | Timely Outage Resolution after Software Releases | ALL   | Diagnostic               | N/A        | 0         | 0         |                  |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Maintenance and Repair          | MR-5B                  | All Troubles Cleared w/i 4 Hours-Zone 2          | Unbundled Loop - DS1 Capable                  | Parity                   | N/A        | 0         | 1         | 0.00%            | 0.00%                   | 8               | 9                 | 88.89%       | 31.43%                   | 0.841621         | -0.488331    |
| October 2016                   | Maintenance and Repair          | MR-5X                  | Out of Service cleared w/i 24 hours              | Business                                      | Parity                   | N/A        | 2         | 2         | 100.00%          | 0.00%                   | 38              | 89                | 42.70%       | 49.46%                   | -1.620252        | -1.985043    |
| October 2016                   | Maintenance and Repair          | MR-6C                  | Mean Time to Restore no dispatch                 | Residence                                     | Parity                   | N/A        | 2:45      | 1         | 2:45             | 0:00                    | 230:20          | 12                | 19:12        | 20:19                    | -0.77779         | -1.472863    |
| October 2016                   | Maintenance and Repair          | MR-6E                  | Mean Time to Restore Interval Zone 2             | Unbundled Loop - DS1 Capable                  | Parity                   | N/A        | 5:40      | 1         | 5:40             | 0:00                    | 12:28           | 3                 | 4:09         | 3:05                     | 0.017547         | -0.989332    |
| October 2016                   | Maintenance and Repair          | MR-6E                  | Mean Time to Restore Interval Zone 2             | Unbundled Loop Analog                         | Parity                   | N/A        | 3:38      | 1         | 3:38             | 0:00                    | 35907:42        | 492               | 72:59        | 279:17                   | -0.248067        | -1.150814    |
| October 2016                   | Maintenance and Repair          | MR-7C                  | Repair Repeat Report Rate-no dispatch            | Residence                                     | Parity                   | N/A        | 0         | 1         | 0.00%            | 0.00%                   | 1               | 17                | 5.88%        | 23.53%                   | -0.242956        | -1.147707    |
| October 2016                   | Maintenance and Repair          | MR-7E                  | Repair Repeat Report Rate-Zone 2                 | Unbundled Loop - DS1 Capable                  | Parity                   | N/A        | 0         | 1         | 0.00%            | 0.00%                   | 1               | 9                 | 11.11%       | 31.43%                   | -0.33541         | -1.203915    |
| October 2016                   | Maintenance and Repair          | MR-7E                  | Repair Repeat Report Rate-Zone 2                 | Unbundled Loop Analog                         | Parity                   | N/A        | 0         | 1         | 0.00%            | 0.00%                   | 56              | 513               | 10.92%       | 31.18%                   | -0.349714        | -1.212611    |
| October 2016                   | Maintenance and Repair          | MR-8                   | Trouble Rate                                     | Enhanced Extended Loops - DS1 Capable         | Parity                   | N/A        | 0         | 32        | 0.00%            |                         | 9               | 207               | 4.35%        | 20.39%                   | -1.122406        | -1.682374    |
| October 2016                   | Maintenance and Repair          | MR-8                   | Trouble Rate                                     | LIS Trunk                                     | Parity                   | N/A        | 0         | 9,650     | 0.00%            |                         | 1               | 8,736             | 0.01%        | 1.07%                    | -0.724511        | -1.440471    |
| October 2016                   | Maintenance and Repair          | MR-8                   | Trouble Rate                                     | Residence                                     | Parity                   | N/A        | 1         | 44        | 2.27%            | 14.90%                  | 418             | 22,855            | 1.83%        | 13.40%                   | -0.142406        | -1.086576    |
| October 2016                   | Maintenance and Repair          | MR-8                   |  | Unbundled Loop - 2 Wire Non-Loaded            | Parity                   | N/A        | 0         | 29        | 0.00%            |                         | 0               | 132               |              |                          |                  |              |
| October 2016                   | Maintenance and Repair          | MR-8                   | Trouble Rate                                     | Unbundled Loop - DS1 Capable                  | Parity                   | N/A        | 1         | 100       | 1.00%            | 9.95%                   | 9               | 248               |              |                          | -1.186762        | -1.7215      |
| October 2016                   | Maintenance and Repair          | MR-8                   |  | Unbundled Loop Analog                         | Parity                   | N/A        | 1         | 257       | 0.39%            | 6.23%                   | 513             |                   |              |                          |                  |              |
| October 2016                   | Maintenance and Repair          | MR-9C                  | Repair Appointments Met-No Dispatch              | Residence                                     | Parity                   | N/A        | 1         | 1         | 100.00%          | 0.00%                   | 14              | 17                | 82.35%       | 38.12%                   | -0.449868        |              |
| October 2016                   | Network Performance             | NI-1A                  | 0  | LIS Trunk                                     | Parity                   | N/A        | 2         | 1,728     | 0.12%            | 0.62%                   |                 |                   |              |                          |                  | -2.643333    |
| October 2016                   | Network Performance             | NI-1B                  |  | LIS Trunk                                     | Parity                   | N/A        | 0         | 2,433     | 0.00%            | 0.00%                   |                 |                   |              |                          |                  | -3           |
| October 2016                   | Network Performance             | NI-1C                  | Trunk Blockage to CTL-Q Tandem Ofc w/o TGSR excl |   | Diagnostic               | N/A        | 2         | 1,728     | 0.12%            |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Network Performance             | NI-1D                  | -  | LIS Trunk                                     | Diagnostic               | N/A        | 0         | 2,433     | 0.00%            |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Ordering and Provisioning       | OP-3A                  | Dispatches within MSAs                           | Residence                                     | Parity                   | N/A        | 1         | 1         | 100.00%          | 0.00%                   | 104             |                   |              |                          |                  | -1.157021    |
| October 2016                   | Ordering and Provisioning       | OP-3B                  | Dispatches outside MSAs                          | Residence                                     | Parity                   | N/A        | 1         | 1         | 100.00%          | 0.00%                   | 39              |                   |              |                          |                  |              |
| October 2016                   | Ordering and Provisioning       | OP-3C                  | No dispatches                                    | Residence                                     | Parity                   | N/A        | 3         | 3         | 100.00%          | 0.00%                   | 44              |                   |              |                          |                  |              |
| October 2016                   | Ordering and Provisioning       | OP-3E                  |  | LIS Trunk                                     | Parity                   | N/A        | 0         | 1         | 0.00%            | 0.00%                   | 4               | 4                 | 100.00%      | 0.00%                    | 0.841621         | -0.488331    |
| October 2016                   | Ordering and Provisioning       | OP-3E                  |  | Unbundled Loop Analog                         | Benchmark                | 90.00%     | 0         | 2         | 0.00%            |                         |                 |                   |              |                          |                  |              |
| October 2016                   | Ordering and Provisioning       | OP-4A                  | Dispatches within MSAs                           | Residence                                     | Parity                   | N/A        | 17        | 1         | 17.00            | 0.00                    | 893             | 97                | 9.21         | 6.16                     | 0.816875         | -0.503375    |

| Month                        | 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 2016                 | Ordering and Provisioning    | OP-4E                | Interval Zone 2 Areas  | Unbundled Loop Analog                  | Benchmark                | 6.00       | 52             | 2                | 26.00       |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Ordering and Provisioning    | OP-5A                | New Service Installation Quality   | LIS Trunk                              | Parity                   | N/A        | 1              | 1                | 100.00%     | 6 0.00%                 | 5               | 5                 | 100.00%      | 0.00%                    |                  |              |
| October 2016                 | Ordering and Provisioning    | OP-5A                | New Service Installation Quality   | Residence                              | Parity                   | N/A        | 5              | 5                | 100.00%     |                         | 188             |                   |              |                          |                  |              |
| October 2016                 | Ordering and Provisioning    | OP-5A                | New Service Installation Quality   | Unbundled Loop Analog                  | Parity                   | N/A        | 2              | 2                | 100.00%     | 6 0.00%                 | 178             | 183               | 97.27%       | 16.30%                   | -0.235738        | -1.143319    |
| October 2016                 | Ordering and Provisioning    | OP-8C                | Number Portability Timeliness without Loop Coord   | LNP                                    | Benchmark                | 95.00%     | 197            | 197              | 100.00%     | 6                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Address Validation)  | REQUEST                                | Diagnostic               | N/A        | 6537.96        | 19,812           | 0.33        | 3                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Address Validation)  | RESPONSE                               | Diagnostic               | N/A        | 15899.28       | 12,822           | 1.24        | 4                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Address Validation)  | TOTAL                                  | Diagnostic               | N/A        | 22437.24       | 19,812           | 1.13        | 3                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Appt. Scheduler)   | REQUEST                                | Diagnostic               | N/A        | 3104.69        | 4,253            | 0.73        | 3                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Appt. Scheduler)   | TOTAL                                  | Diagnostic               | N/A        | 3614.84        | 4,253            | 0.85        | 5                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Facility Assignment)   | REQUEST                                | Diagnostic               | N/A        | 701.92         | 1,712            | 0.41        | 1                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Facility Assignment)   | RESPONSE                               | Diagnostic               | N/A        | 1387.80        | 1,285            | 1.08        | 3                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Facility Assignment)   | TOTAL                                  | Diagnostic               | N/A        | 2089.72        | 1,712            | 1.22        | 2                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Facility Check)  | REQUEST                                | Diagnostic               | N/A        | 3022.92        | 3,732            | 0.81        | 1                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Facility Check)  | RESPONSE                               | Diagnostic               | N/A        | 8212.32        | 3,802            | 2.16        | 6                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Facility Check)  | TOTAL                                  | Diagnostic               | N/A        | 11235.24       | 3,732            | 3.01        | 1                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 |                      | Pre-Order Response Times (Get CSR)   | REQUEST                                | Diagnostic               | N/A        | 8516.17        | 7,813            | 1.09        | 9                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Get CSR)   | RESPONSE                               | Diagnostic               | N/A        | 6486.00        | 5,640            | 1.15        | 5                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 |                      | Pre-Order Response Times (Get CSR)   | TOTAL                                  | Diagnostic               | N/A        | 15002.17       | 7,813            | 1.92        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 |                      |  | REQUEST                                | Diagnostic               | N/A        | 2258.88        | 1,086            | 2.08        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 |                      |  | RESPONSE                               | Diagnostic               | N/A        | 618.51         | 1,167            | 0.53        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 |                      |  | TOTAL                                  | Diagnostic               | N/A        | 2877.39        | 1,086            | 2.65        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 |                      | Pre-Order Response Times (Service Availability)  | REQUEST                                | Diagnostic               | N/A        | 3769.36        | 6,731            | 0.56        |                         |                 |                   |              | 1                        |                  |              |
| October 2016                 | Pre-Ordering                 |                      |  | RESPONSE                               | Diagnostic               | N/A        | 6994.08        | 12,952           | 0.54        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 |                      | Pre-Order Response Times (Service Availability)  | TOTAL                                  | Diagnostic               | N/A        | 10763.44       | 6,731            | 1.60        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 |                      | Pre-Order Response Times (TN Reservation)  | ACCEPT                                 | Diagnostic               | N/A        | 250.47         | 1,089            | 0.23        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 |                      | · · · · · · · · · · · · · · · · · · ·  | REQUEST                                | Diagnostic               | N/A        | 730.36         | 1,922            | 0.38        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 |                      | Pre-Order Response Times (TN Reservation)  | RESPONSE                               | Diagnostic               | N/A        | 1285.70        | 989              | 1.30        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 |                      | Pre-Order Response Times (TN Reservation)  | TOTAL                                  | Diagnostic               | N/A        | 2266.53        | 1,922            | 1.18        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 |                      |  | REQUEST                                | Diagnostic               | N/A        | 2251.84        | 3,632            | 0.62        |                         |                 |                   |              |                          |                  | ·            |
| October 2016                 | Pre-Ordering                 |                      | Pre-Order Response Times(Loop Qual Tools)  | RESPONSE                               | Diagnostic               | N/A        | 53180.40       | 2,730            | 19.48       |                         |                 |                   |              |                          |                  | ·            |
| October 2016                 | Pre-Ordering                 |                      | Pre-Order Response Times(Loop Qual Tools)  | TOTAL                                  | Diagnostic               | N/A        | 55432.24       | 3,632            | 15.26       |                         |                 |                   |              |                          |                  | <u> </u>     |
| October 2016                 | Pre-Ordering                 | PO-1-XML             |  | XML Request/Response                   | Diagnostic               | N/A        | 8412.78        | 4,523            | 1.86        |                         |                 |                   |              |                          |                  | <u> </u>     |
| October 2016                 | Pre-Ordering                 | PO-1-XML             |  | XML Request/Response                   | Diagnostic               | N/A<br>N/A | 7801.30        | 4,523            | 1.70        |                         |                 |                   |              |                          |                  | <u> </u>     |
| October 2016                 | Pre-Ordering                 | PO-1-XML             |  | XML Request/Response                   | -                        | N/A        | 66903.48       | 6,876            | 9.73        |                         |                 |                   |              |                          |                  | <u> </u>     |
| October 2016                 | Pre-Ordering                 | PO-1-XML             | Pre-Order Response Times (Facility Check XML)<br>Pre-Order Response Times (Get CSR XML)              | XML Request/Response                   | Diagnostic<br>Diagnostic | N/A<br>N/A | 26127.54       | 6,311            | 4.14        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering<br>Pre-Ordering | PO-1-XML<br>PO-1-XML |  | XML Request/Response                   |                          | N/A<br>N/A | 48447.96       | 3,468            | 4.12        |                         |                 |                   |              |                          |                  |              |
| October 2016<br>October 2016 | Pre-Ordering<br>Pre-Ordering | PO-1-XML<br>PO-1-XML | Pre-Order Response Times (Loop Quai Tools XIVL)<br>Pre-Order Response Times (Meet Point Inquiry XML) | XML Request/Response                   | Diagnostic               | N/A<br>N/A | 4037.60        | 784              | 5.15        |                         |                 |                   |              |                          |                  |              |
|                              | 0                            |                      |  |  | Diagnostic               |            |                |                  | 3.35        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-1-XML             | Pre-Order Response Times (Service Avail XML)   | XML Request/Response                   | Diagnostic               | N/A<br>N/A | 16703.10       | 4,986            |             |                         |                 |                   |              |                          |                  | <u> </u>     |
| October 2016                 | Pre-Ordering                 | PO-1-XML             |  | XML Request/Response                   | Diagnostic               |            | 3895.20        | 3,246            | 1.20        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-1-XML             | Pre-Order Response Times(Connecting Fac Assgn XM   |  | Diagnostic               | N/A        | 5612.12        | 1,622            | 3.46        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-2A                | All Electronic LSRs  | LNP                                    | Diagnostic               | N/A        | 136            | 181              | 75.14%      |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-2A                | All Electronic LSRs  | Resale Aggregate W/O UNE-P-POTS        | Diagnostic               | N/A        | 141            | 207              | 68.12%      |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-2A                |  | Unbundled Loop Aggregate               | Diagnostic               | N/A        | 5              | 6                | 83.33%      |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-2B                |  | LNP                                    | Diagnostic               | N/A        | 136            | 138              | 98.55%      |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-2B                | All Flow-through Eligible LSRs   | Resale Aggregate W/O UNE-P-POTS        | Diagnostic               | N/A        | 141            | 141              | 100.00%     |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-2B                | All Flow-through Eligible LSRs   | Unbundled Loop Aggregate               | Diagnostic               | N/A        | 5              | 5                | 100.00%     |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-3C                | LSRs received via facsimile  | Product Aggregate                      | Diagnostic               | N/A        | 20:20          | 1                | 20:20       |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-3X                | Electronic LSRs Rejected Manually  | Product Aggregate                      | Diagnostic               | N/A        | 21:00          | 18               | 1:10        |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-5A-(a)            | FOCs on Time for Fully Electronic LSRs   | Resale Aggregate                       | Benchmark                | 95.00%     | 139            | 139              | 100.00%     |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-5A-(b)            | FOCs on Time for Fully Electronic LSRs   | Unbundled Loop AGG-EELs                | Benchmark                | 95.00%     | 6              | 6                | 100.00%     |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-5A-(c)            | FOCs on Time for Fully Electronic LSRs   | LNP                                    | Benchmark                | 95.00%     | 129            | 129              | 100.00%     | 6                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-5B-(a)            | FOCs on Time for Electronic/Manual LSRs  | Resale Aggregate                       | Benchmark                | 90.00%     | 19             | 19               | 100.00%     | 6                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-5B-(b)            |  | Unbundled Loop AGG-EELs                | Benchmark                | 90.00%     | 1              | 1                | 100.00%     |                         |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-5B-(c)            | FOCs on Time for Electronic/Manual LSRs  | LNP                                    | Benchmark                | 90.00%     | 43             | 43               | 100.00%     | 6                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-5C-(b)            | FOCs on Time for manual LSRs via Facsimile   | Unbundled Loop AGG-EELs                | Benchmark                | 90.00%     | 1              | 1                | 100.00%     | 6                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-5C-(c)            | FOCs on Time for manual LSRs via Facsimile   | LNP                                    | Benchmark                | 90.00%     | 1              | 1                | 100.00%     | 6                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-5D                | FOCs provided for ASRs requesting LIS Trunks.  | LIS Trunk                              | Benchmark                | 85.00%     | 2              | 2                | 100.00%     | 6                       |                 |                   |              |                          |                  |              |
| October 2016                 | Pre-Ordering                 | PO-9B                | Unbundled Loops  | Unbundled Loops and Number Portability | Parity                   | N/A        | 0              | 2                | 0.00%       | 6 0.00%                 | 0               | 6                 | 0.00%        | 0.00%                    |                  |              |
| September 2016               | Billing                      | BI-2                 | Invoices Delivered within 10 Days  | All                                    | Parity by Design         | N/A        | 226            | 226              | 100.00%     | 6                       |                 |                   |              |                          |                  |              |

| Month          | PID Category                    | PID            | PID Title   | Product Category                      | Standard   |               |           |           |         | CLEC Standard Deviation | CTL-Q Numerator C | TL-Q Denominator | CTL-Q Result | CTL-Q Standard Deviation | Modified Z Score | Parity Score |
|----------------|---------------------------------|----------------|---|---------------------------------------|------------|---------------|-----------|-----------|---------|-------------------------|-------------------|------------------|--------------|--------------------------|------------------|--------------|
| eptember 2016  | Billing                         | BI-3A          | Billing Accuracy - Adjustments for Errors         | UNEs and Resale Aggregate             | Diagnostic | N/A           | 91,128    | 91,866    | 99.20%  |                         |                   |                  |              |                          |                  |              |
| eptember 2016  | Billing                         | BI-3B          | Billing Accuracy - Adjustments for Errors         | Reciprocal Compensation               | Diagnostic | N/A           | 572       | 572       | 100.00% |                         |                   |                  |              |                          |                  |              |
| eptember 2016  | Billing                         | BI-4A          | UNEs and Resale Aggregate                         | UNEs and Resale Aggregate             | Parity     | N/A           | 340       | 340       | 100.00% | 0.00%                   | 5,973             | 5,998            | 99.58%       | 6.44%                    | -1.160487        | -1.70552     |
| eptember 2016  | Billing                         | BI-4B          | Reciprocal Compensation (MOU):                    | Reciprocal Compensation               | Diagnostic | N/A           | 572       | 572       | 100.00% |                         |                   |                  |              |                          |                  |              |
| eptember 2016  | Database Updates                | DB-1B          | All   | LIDB                                  | Diagnostic | N/A           | 3,604,684 | 3,454,854 | 1.04    |                         |                   |                  |              |                          |                  |              |
| eptember 2016  | Database Updates                | DB-1C-1        | All   | Directory Listing                     | Diagnostic | N/A           | 1039.14   | 5,088     | 0.20    |                         |                   |                  |              |                          |                  |              |
| eptember 2016  | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR                        | IMAGUI                                | Diagnostic | N/A           | 29,520    | 29,520    | 100.00% |                         |                   |                  |              |                          |                  |              |
| eptember 2016  | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR                        | SIA                                   | Diagnostic | N/A           | 29,520    | 29,520    | 100.00% |                         |                   |                  |              |                          |                  |              |
| September 2016 | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR                        | XML                                   | Diagnostic | N/A           | 29,520    | 29,520    | 100.00% |                         |                   |                  |              |                          |                  |              |
| September 2016 | Electronic Gateway Availability | GA-3           | Gateway Availability - Repair                     | EBTA                                  | Diagnostic | N/A           | 41,760    | 41,760    | 100.00% |                         |                   |                  |              |                          |                  |              |
| September 2016 | Electronic Gateway Availability | GA-3           | Gateway Availability - Repair                     | RepairGUI                             | Diagnostic | N/A           | 40,740    | 40,740    | 100.00% |                         |                   |                  |              |                          |                  |              |
| September 2016 | Electronic Gateway Availability | GA-4           | System Availability - ASR                         | EXACT                                 | Diagnostic | N/A           | 21,960    | 21,960    | 100.00% |                         |                   |                  |              |                          |                  |              |
| eptember 2016  | Electronic Gateway Availability | GA-7           | Timely Outage Resolution after Software Releases  | ALL                                   | Diagnostic | N/A           | 0         | 0         |         |                         |                   |                  |              |                          |                  |              |
| eptember 2016  | Maintenance and Repair          | MR-5B          | All Troubles Cleared w/i 4 Hours-Zone 2           | Unbundled Loop - DS1 Capable          | Parity     | N/A           | 1         | 1         | 100.00% | 0.00%                   | 4                 | 5                | 80.00%       | 40.00%                   | -0.456435        | -1.27749     |
| eptember 2016  | Maintenance and Repair          | MR-5X          | Out of Service cleared w/i 24 hours               | Business                              | Parity     | N/A           | 0         | 1         | 0.00%   | 0.00%                   | 34                | 96               | 35.42%       | 47.83%                   | -0.383929        | -1.23341     |
| eptember 2016  | Maintenance and Repair          | MR-6A          | Mean Time to Restore-Disp w/i MSA                 | Residence                             | Parity     | N/A           | 64:00     | 1         | 64:00   | 0:00                    | 18168:01          | 207              | 87:46        | 71:27                    | -0.331834        | -1.20174     |
| eptember 2016  | Maintenance and Repair          | MR-6E          | Mean Time to Restore Interval Zone 2              | Unbundled Loop - DS1 Capable          | Parity     | N/A           | 1:26      | 1         | 1:26    | 0:00                    | 14:38             | 5                | 2:56         | 2:31                     | -0.542692        | -1.32993     |
| September 2016 | Maintenance and Repair          | MR-6E          | Mean Time to Restore Interval Zone 2              | Unbundled Loop Analog                 | Parity     | N/A           | 29:35     | 3         | 9:52    | 8:15                    | 44928:44          | 477              | 94:11        | 265:29                   | -0.548443        | -1.3334      |
| September 2016 | Maintenance and Repair          | MR-7A          | Repair Repeat Rprt Rate-Disp w/I MSA              | Residence                             | Parity     | N/A           | 0         | 1         | 0.00%   | 0.00%                   | 32                | 219              | 14.61%       | 35.32%                   | -0.412729        | -1.25092     |
| September 2016 | Maintenance and Repair          | MR-7E          | Repair Repeat Report Rate-Zone 2                  | Unbundled Loop - DS1 Capable          | Parity     | N/A           | 0         | 1         | 0.00%   | 0.00%                   | 1                 | 5                | 20.00%       | 40.00%                   | -0.456435        | -1.27749     |
| September 2016 | Maintenance and Repair          | MR-7E          | Repair Repeat Report Rate-Zone 2                  | Unbundled Loop Analog                 | Parity     | N/A           | 0         | 3         | 0.00%   | 0.00%                   | 83                | 508              |              | 36.97%                   | -0.763179        |              |
| September 2016 | Maintenance and Repair          | MR-8           | Trouble Rate                                      | Enhanced Extended Loops - DS1 Capable |            | N/A           | 0         | 33        | 0.00%   |                         | 5                 | 207              | 2.42%        | 15.35%                   | -0.839355        | -1.51029     |
| September 2016 | Maintenance and Repair          | MR-8           | Trouble Rate                                      | LIS Trunk                             | Parity     | N/A           | 0         | 9,650     | 0.00%   |                         | 0                 | 9,072            |              |                          |                  |              |
| September 2016 | Maintenance and Repair          | MR-8           | Trouble Rate                                      | Residence                             | Parity     | N/A           | 1         | 56        | 1.79%   | 13.24%                  | 405               | 23,111           | 1.75%        | 13.12%                   | -0.328942        | -1.19998     |
| September 2016 | Maintenance and Repair          | MR-8           |   | Unbundled Loop - 2 Wire Non-Loaded    | Parity     | N/A           | 0         | 29        | 0.00%   |                         | 2                 | 131              |              | 12.26%                   | -0.606729        | -1.36886     |
| September 2016 | Maintenance and Repair          | MR-8           | Trouble Rate                                      | Unbundled Loop - DS1 Capable          | Parity     | N/A           | 1         | 106       | 0.94%   | 9.67%                   | 5                 | 248              | 2.02%        | 14.06%                   | -0.657707        | -1.39985     |
| September 2016 | Maintenance and Repair          | MR-8           | Trouble Rate                                      | Unbundled Loop Analog                 | Parity     | N/A           | 3         | 258       | 1.16%   | 10.72%                  | 508               | 37.766           |              | 11.52%                   | -0.253373        | -1.1540      |
| September 2016 | Maintenance and Repair          | MR-9A          | Repair Appointments Met-Disp w/I MSA              | Residence                             | Parity     | N/A           | 1         | 1         | 100.00% | 0.00%                   | 167               | 219              |              | 42.55%                   | -0.556742        | -1.33847     |
| September 2016 | Network Performance             | NI-1A          |   | LIS Trunk                             | Parity     | N/A           | 0         | 1,728     | 0.00%   | 0.00%                   |                   |                  |              |                          |                  | -2.99666     |
| September 2016 | Network Performance             | NI-1B          | Trunk Blockage to CTL-Q End Ofc wi TGSR excl      | LIS Trunk                             | Parity     | N/A           | 0         | 2,433     | 0.00%   | 0.00%                   |                   |                  |              |                          |                  | 2.00000      |
| September 2016 | Network Performance             | NI-1C          | Trunk Blockage to CTL-Q Tandem Ofc w/o TGSR excl  |                                       | Diagnostic | N/A           | 0         | 1,728     | 0.00%   | 0.0070                  |                   |                  |              |                          |                  |              |
| September 2016 | Network Performance             | NI-1D          | Trunk Blockage to CTL-Q End Ofc w/o TGSR excl     | LIS Trunk                             | Diagnostic | N/A           | 0         | 2,433     | 0.00%   |                         |                   |                  |              |                          |                  |              |
| September 2016 | Ordering and Provisioning       | OP-15A         | Interval for Pending Orders Delayed Past Due Date | LIS Trunk                             | Parity     | N/A           | 3         | 2,400     | 3.00    | 0.00                    |                   |                  |              |                          |                  |              |
| September 2016 | Ordering and Provisioning       | OP-15A         | ,   | Unbundled Loop Analog                 | Parity     | N/A           | 32        | 2         | 16.00   | 0.00                    | 4,624             | 27               | 171.26       | 287.30                   | -0.737425        | -1.44832     |
| September 2016 | Ordering and Provisioning       | OP-15B-RD      | Pending Orders Delayed for Facilities             | LIS Trunk                             | Parity     | N/A           | 0         | 1         | 0.00%   | 0.00%                   | 4,024             | 21               | 171.20       | 201.00                   | 0.101420         | 1.44002      |
| September 2016 | Ordering and Provisioning       | OP-15B-RD      | Pending Orders Delayed for Facilities             | Unbundled Loop Analog                 | Parity     | N/A           | 2         | 2         | 100.00% | 0.00%                   | 12                | 27               | 44.44%       | 49.69%                   | 3.719016         | 1.26100      |
| September 2016 | Ordering and Provisioning       | OP-3A          | Dispatches within MSAs                            | Residence                             | Parity     | N/A           | 4         | 4         | 100.00% | 0.00%                   | 94                | 101              |              | 25.40%                   | -0.53528         | -1.32542     |
| September 2016 | Ordering and Provisioning       | OP-3A<br>OP-3B | Dispatches outside MSAs                           | Residence                             | Parity     | N/A<br>N/A    | 4         | 4         | 100.00% | 0.00%                   | 43                | 45               | 95.56%       | 20.61%                   | -0.213308        | -1.12968     |
| September 2016 | Ordering and Provisioning       |                | Dispatches within MSAs                            | Residence                             | Parity     | N/A<br>N/A    | 34        | 2         | 17.00   | 1.41                    | 721               | 43               | 7.92         | 5.51                     | 2.120072         |              |
| September 2016 | Ordering and Provisioning       | OP-4A<br>OP-4B | Dispatches outside MSAs                           | Residence                             | Parity     | N/A<br>N/A    | 20        | 1         | 20.00   | 0.00                    | 181               | 40               | 4.53         | 3.64                     | 1.995393         | 0.28891      |
|                | 0 0                             |                |   |                                       | ,          |               |           | 1         |         |                         |                   |                  |              |                          |                  |              |
| September 2016 | Ordering and Provisioning       | OP-5A          | New Service Installation Quality                  | Residence                             | Parity     | N/A           | 5         | 5         | 100.00% | 0.00%                   | 184               | 199              | 92.46%       | 26.40%                   | -0.63057         | -1.38335     |
| September 2016 | Ordering and Provisioning       | OP-8C          | Number Portability Timeliness without Loop Coord  | REQUEST                               | Benchmark  | 95.00%<br>N/A |           | 19,597    | 100.00% |                         |                   |                  |              |                          |                  |              |
| September 2016 | Pre-Ordering                    |                | Pre-Order Response Times (Address Validation)     |                                       | Diagnostic |               | 6662.98   |           |         |                         |                   |                  |              |                          |                  |              |
| September 2016 | Pre-Ordering                    |                | Pre-Order Response Times (Address Validation)     | RESPONSE                              | Diagnostic | N/A           | 15762.67  | 13,027    | 1.21    |                         |                   |                  |              |                          |                  |              |
| September 2016 | Pre-Ordering                    |                | Pre-Order Response Times (Address Validation)     | TOTAL                                 | Diagnostic | N/A           | 22425.65  | 19,597    | 1.14    |                         |                   |                  |              |                          |                  |              |
| September 2016 | Pre-Ordering                    |                | Pre-Order Response Times (Appt. Scheduler)        | REQUEST                               | Diagnostic | N/A           | 3261.00   | 4,348     | 0.75    |                         |                   |                  |              |                          |                  |              |
| September 2016 | Pre-Ordering                    |                | Pre-Order Response Times (Appt. Scheduler)        | TOTAL                                 | Diagnostic | N/A           | 3769.95   | 4,348     | 0.87    |                         |                   |                  |              |                          |                  |              |
| September 2016 | Pre-Ordering                    |                |   | REQUEST                               | Diagnostic | N/A           | 780.45    | 1,815     | 0.43    |                         |                   |                  |              |                          |                  |              |
| September 2016 | Pre-Ordering                    |                |   | RESPONSE                              | Diagnostic | N/A           | 1345.68   | 1,246     | 1.08    |                         |                   |                  |              |                          |                  |              |
| September 2016 | Pre-Ordering                    |                | Pre-Order Response Times (Facility Assignment)    | TOTAL                                 | Diagnostic | N/A           | 2126.13   | 1,815     | 1.17    |                         |                   |                  |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    |                | Pre-Order Response Times (Facility Check)         | REQUEST                               | Diagnostic | N/A           | 3350.85   | 3,765     | 0.89    |                         |                   |                  |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    |                | Pre-Order Response Times (Facility Check)         | RESPONSE                              | Diagnostic | N/A           | 7659.08   | 3,718     | 2.06    |                         |                   |                  |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    |                | Pre-Order Response Times (Facility Check)         | TOTAL                                 | Diagnostic | N/A           | 11009.93  | 3,765     | 2.92    |                         |                   |                  |              |                          |                  |              |
| September 2016 | Pre-Ordering                    |                | Pre-Order Response Times (Get CSR)                | REQUEST                               | Diagnostic | N/A           | 8026.79   | 7,793     | 1.03    |                         |                   |                  |              |                          |                  |              |
| September 2016 | Pre-Ordering                    |                | Pre-Order Response Times (Get CSR)                | RESPONSE                              | Diagnostic | N/A           | 6894.81   | 5,893     | 1.17    |                         |                   |                  |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times (Get CSR)                | TOTAL                                 | Diagnostic | N/A           | 14921.60  | 7,793     | 1.91    |                         |                   |                  |              |                          |                  |              |
| September 2016 | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times (Meet Point Inquiry)     | REQUEST                               | Diagnostic | N/A           | 2329.02   | 1,026     | 2.27    |                         |                   |                  |              |                          |                  |              |
| September 2016 | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times (Meet Point Inquiry)     | RESPONSE                              | Diagnostic | N/A           | 628.02    | 1,163     | 0.54    |                         |                   |                  |              |                          |                  |              |
| September 2016 | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times (Meet Point Inquiry)     | TOTAL                                 | Diagnostic | N/A           | 2957.04   | 1,026     | 2.88    |                         |                   |                  |              |                          |                  |              |
| September 2016 | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times (Service Availability)   | REQUEST                               | Diagnostic | N/A           | 3481.40   | 6,695     | 0.52    |                         |                   |                  |              |                          |                  |              |

| Month          | PID Category                    | PID          | PID Title   | Product Category                      | Standard                 |        |           |           |         | CLEC Standard Deviation | CTL-Q Numerator | CTL-Q Denominator | CTL-Q Result | CTL-Q Standard Deviation | Modified Z Score | Parity Score |
|----------------|---------------------------------|--------------|---|---------------------------------------|--------------------------|--------|-----------|-----------|---------|-------------------------|-----------------|-------------------|--------------|--------------------------|------------------|--------------|
|                | Pre-Ordering                    |              | Pre-Order Response Times (Service Availability)   | RESPONSE                              | Diagnostic               | N/A    | 7741.98   | 13,122    | 0.59    |                         |                 |                   |              |                          |                  |              |
|                | Pre-Ordering                    |              |   | TOTAL                                 | Diagnostic               | N/A    | 11223.38  | 6,695     | 1.68    |                         |                 |                   |              |                          |                  |              |
| September 2016 | Pre-Ordering                    |              | Pre-Order Response Times (TN Reservation)         | ACCEPT                                | Diagnostic               | N/A    | 224.07    | 1,067     | 0.21    |                         |                 |                   |              |                          |                  |              |
| September 2016 | Pre-Ordering                    |              |   | REQUEST                               | Diagnostic               | N/A    | 778.59    | 1,899     | 0.41    |                         |                 |                   |              |                          |                  |              |
| September 2016 | Pre-Ordering                    | PO-1-IMA GUI |   | RESPONSE                              | Diagnostic               | N/A    | 1138.32   | 918       | 1.24    |                         |                 |                   |              |                          |                  |              |
| September 2016 | Pre-Ordering                    | PO-1-IMA GUI |   | TOTAL                                 | Diagnostic               | N/A    | 2140.98   | 1,899     | 1.13    |                         |                 |                   |              |                          |                  |              |
| September 2016 | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times(Loop Qual Tools)         | REQUEST                               | Diagnostic               | N/A    | 2578.01   | 3,631     | 0.71    |                         |                 |                   |              |                          |                  |              |
| September 2016 | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times(Loop Qual Tools)         | RESPONSE                              | Diagnostic               | N/A    | 53737.32  | 2,812     | 19.11   |                         |                 |                   |              |                          |                  |              |
| September 2016 | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times(Loop Qual Tools)         | TOTAL                                 | Diagnostic               | N/A    | 56315.33  | 3,631     | 15.51   |                         |                 |                   |              |                          |                  |              |
| September 2016 | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Address Validation XML) | XML Request/Response                  | Diagnostic               | N/A    | 8597.50   | 4,525     | 1.90    |                         |                 |                   |              |                          |                  |              |
| September 2016 | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Appt. Scheduler XML)    | XML Request/Response                  | Diagnostic               | N/A    | 7777.38   | 4,602     | 1.69    |                         |                 |                   |              |                          |                  |              |
| September 2016 | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Facility Check XML)     | XML Request/Response                  | Diagnostic               | N/A    | 67038.84  | 6,897     | 9.72    |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Get CSR XML)            | XML Request/Response                  | Diagnostic               | N/A    | 26711.25  | 6,375     | 4.19    |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Loop Qual Tools XML)    | XML Request/Response                  | Diagnostic               | N/A    | 47873.10  | 3,586     | 13.35   |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Meet Point Inquiry XML) | XML Request/Response                  | Diagnostic               | N/A    | 3959.20   | 784       | 5.05    |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (Service Avail XML)      | XML Request/Response                  | Diagnostic               | N/A    | 15150.72  | 4,856     | 3.12    |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times (TN Reservation XML)     | XML Request/Response                  | Diagnostic               | N/A    | 3940.97   | 3,257     | 1.21    |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    | PO-1-XML     | Pre-Order Response Times(Connecting Fac Assgn XM  | II XML Request/Response               | Diagnostic               | N/A    | 5619.04   | 1,624     | 3.46    |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    | PO-2A        | All Electronic LSRs                               | LNP                                   | Diagnostic               | N/A    | 160       | 211       | 75.83%  |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    | PO-2A        | All Electronic LSRs                               | Resale Aggregate W/O UNE-P-POTS       | Diagnostic               | N/A    | 159       | 186       | 85.48%  |                         |                 |                   |              |                          |                  |              |
|                | Pre-Ordering                    |              |   | Unbundled Loop Aggregate              | Diagnostic               | N/A    | 12        | 12        | 100.00% |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    | PO-2B        |   | LNP                                   | Diagnostic               | N/A    | 160       | 162       | 98.77%  |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    |              | All Flow-through Eligible LSRs                    | Resale Aggregate W/O UNE-P-POTS       | Diagnostic               | N/A    | 159       | 159       | 100.00% |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    |              | All Flow-through Eligible LSRs                    | Unbundled Loop Aggregate              | Diagnostic               | N/A    | 12        | 12        | 100.00% |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    |              |   | Product Aggregate                     | Diagnostic               | N/A    | 62:15     | 19        | 3:17    |                         |                 |                   |              |                          |                  |              |
|                | Pre-Ordering                    |              | FOCs on Time for Fully Electronic LSRs            | Resale Aggregate                      | Benchmark                | 95.00% | 125       | 125       | 100.00% |                         |                 |                   |              |                          |                  |              |
|                | Pre-Ordering                    |              |   | Unbundled Loop AGG-EELs               | Benchmark                | 95.00% | 12        | 12        | 100.00% |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    | PO-5A-(c)    | FOCs on Time for Fully Electronic LSRs            | LNP                                   | Benchmark                | 95.00% | 152       | 152       | 100.00% |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    |              |   | Resale Aggregate                      | Benchmark                | 90.00% | 11        | 11        | 100.00% |                         |                 |                   |              |                          |                  |              |
| eptember 2016  | Pre-Ordering                    | . ,          |   | Unbundled Loop AGG-EELs               | Benchmark                | 90.00% | 1         | 1         | 100.00% |                         |                 |                   |              |                          |                  |              |
|                | Pre-Ordering                    |              |   | LNP                                   | Benchmark                | 90.00% | 49        | 49        | 100.00% |                         |                 |                   |              |                          |                  |              |
|                | Billing                         | BI-2         | Invoices Delivered within 10 Days                 | All                                   | Parity by Design         | N/A    | 226       | 228       | 99.12%  |                         |                 |                   |              |                          |                  |              |
| ugust 2016     | Billing                         | BI-3A        | Billing Accuracy - Adjustments for Errors         | UNEs and Resale Aggregate             | Diagnostic               | N/A    | 98,420    | 98,420    | 100.00% |                         |                 |                   |              |                          |                  |              |
| -              | Billing                         |              | Billing Accuracy - Adjustments for Errors         | Reciprocal Compensation               | Diagnostic               | N/A    | 595       | 595       | 100.00% |                         |                 |                   |              |                          |                  |              |
|                | Billing                         |              |   |                                       | Parity                   | N/A    | 476       | 477       | 99.79%  | 4.57%                   | 5,855           | 5,897             | 99.29%       | 8.41%                    | -1.255508        | -1.76329     |
| -              | Billing                         |              | Reciprocal Compensation (MOU):                    | Reciprocal Compensation               |                          | N/A    | 595       | 595       | 100.00% | 4.37 %                  | 5,655           | 5,697             | 99.2970      | 0.4170                   | -1.20000         | -1.70323     |
| -              | Database Updates                |              |   | LIDB                                  | Diagnostic<br>Diagnostic | N/A    | 3,278,833 | 3,123,237 | 1.05    |                         |                 |                   |              |                          |                  | ———          |
| 0              |                                 |              |   |                                       | 0                        | N/A    | 1220.53   | 5,999     | 0.20    |                         |                 |                   |              |                          |                  |              |
| -              | Database Updates                |              |   | Directory Listing                     | Diagnostic               | N/A    | 30.600    |           | 100.00% |                         |                 |                   |              |                          |                  | <u> </u>     |
|                | Electronic Gateway Availability |              | Gateway Availability - LSR                        |                                       | Diagnostic               |        |           | 30,600    |         |                         |                 |                   |              |                          |                  | <u> </u>     |
| -              | Electronic Gateway Availability |              |   | SIA                                   | Diagnostic               | N/A    | 30,600    | 30,600    | 100.00% |                         |                 |                   |              |                          |                  | L            |
| 0              | Electronic Gateway Availability |              | Gateway Availability - LSR                        | XML                                   | Diagnostic               | N/A    | 30,600    | 30,600    | 100.00% |                         |                 |                   |              |                          |                  |              |
| ugust 2016     | Electronic Gateway Availability |              |   | EBTA                                  | Diagnostic               | N/A    | 43,200    | 43,200    | 100.00% |                         |                 |                   |              |                          |                  |              |
| -              | Electronic Gateway Availability |              | Gateway Availability - Repair                     | RepairGUI                             | Diagnostic               | N/A    | 42,180    | 42,180    | 100.00% |                         |                 |                   |              |                          |                  |              |
| 0              | Electronic Gateway Availability |              | System Availability - ASR                         | EXACT                                 | Diagnostic               | N/A    | 22,860    | 22,860    | 100.00% |                         |                 |                   |              |                          |                  | L            |
| 0              | Electronic Gateway Availability |              | , , ,   | ALL                                   | Diagnostic               | N/A    | 0         | 0         |         |                         |                 |                   |              |                          |                  | <u> </u>     |
| ugust 2016     | Maintenance and Repair          |              | All Troubles Cleared w/i 4 Hours-Zone 2           | LIS Trunk                             | Parity                   | N/A    | 3         | 4         | 75.00%  | 43.30%                  | 1               | 2                 |              |                          |                  |              |
| ugust 2016     | Maintenance and Repair          |              |   | Business                              | Parity                   | N/A    | 1         | 3         | 33.33%  | 47.14%                  | 47              |                   |              |                          |                  |              |
| -              | Maintenance and Repair          |              |   | LIS Trunk                             | Parity                   | N/A    | 55:47     | 4         | 13:57   | 24:04                   | 9:56            |                   |              |                          |                  | -0.73087     |
|                | Maintenance and Repair          |              |   | LIS Trunk                             | Parity                   | N/A    | 0         | 4         | 0.00%   | 0.00%                   | 0               | 2                 |              |                          |                  |              |
| 0              | Maintenance and Repair          |              |   | Enhanced Extended Loops - DS1 Capable |                          | N/A    | 0         | 34        | 0.00%   |                         | 4               | 200               |              |                          |                  |              |
| ugust 2016     | Maintenance and Repair          | MR-8         |   | LIS Trunk                             | Parity                   | N/A    | 4         | 9,650     | 0.04%   | 2.04%                   | 2               | 8,976             |              |                          |                  |              |
| -              | Maintenance and Repair          | MR-8         |   | Residence                             | Parity                   | N/A    | 0         | 60        | 0.00%   |                         | 430             |                   |              |                          |                  |              |
| -              | Maintenance and Repair          |              |   | Unbundled Loop - 2 Wire Non-Loaded    | Parity                   | N/A    | 0         | 29        | 0.00%   |                         | 1               | 130               |              |                          |                  |              |
|                | Maintenance and Repair          | MR-8         |   | Unbundled Loop - DS1 Capable          | Parity                   | N/A    | 0         | 113       | 0.00%   |                         | 4               | 248               |              |                          | -1.128097        |              |
| ugust 2016     | Maintenance and Repair          | MR-8         | Trouble Rate                                      | Unbundled Loop Analog                 | Parity                   | N/A    | 0         | 258       | 0.00%   |                         | 544             | 38,147            | 1.43%        | 11.86%                   | -1.925459        | -2.1705      |
| ugust 2016     | Network Performance             | NI-1A        | Trunk Blockage to CTL-Q Tandem Ofc wi TGSR excl   | LIS Trunk                             | Parity                   | N/A    | 0         | 1,728     | 0.00%   | 0.01%                   |                 |                   |              |                          |                  | -2.9933      |
| ugust 2016     | Network Performance             | NI-1B        | Trunk Blockage to CTL-Q End Ofc wi TGSR excl      | LIS Trunk                             | Parity                   | N/A    | 2         | 2,385     | 0.07%   | 0.22%                   |                 |                   |              |                          |                  | -2.7944      |
| ugust 2016     | Network Performance             | NI-1C        | Trunk Blockage to CTL-Q Tandem Ofc w/o TGSR excl  | LIS Trunk                             | Diagnostic               | N/A    | 0         | 1,728     | 0.00%   |                         |                 |                   |              |                          |                  |              |
| ugust 2016     | Network Performance             | NI-1D        | Trunk Blockage to CTL-Q End Ofc w/o TGSR excl     | LIS Trunk                             | Diagnostic               | N/A    | 3         | 2,433     | 0.14%   |                         |                 |                   |              |                          |                  |              |
|                | Ordering and Provisioning       | OP-3A        | Dispatches within MSAs                            | Residence                             | Parity                   | N/A    | 10        | 11        | 90.91%  | 28.75%                  | 129             | 142               | 90.85%       | 28.84%                   | -0.007093        | -1.0043      |

| Month                      | PID Category                 | PID                  | PID Title   | Product Category                | Standard         |            | CLEC Numerator | CLEC Denominator |         | LEC Standard Deviation C |       |     |         |        |           | -         |
|----------------------------|------------------------------|----------------------|---|---------------------------------|------------------|------------|----------------|------------------|---------|--------------------------|-------|-----|---------|--------|-----------|-----------|
| August 2016                | Ordering and Provisioning    | OP-3B                | Dispatches outside MSAs   | Residence                       | Parity           | N/A        | 2              | 2                | 100.00% | 0.00%                    | 66    | 68  | 97.06%  | 16.90% | -0.242641 | -1.147515 |
| August 2016                | Ordering and Provisioning    | OP-3C                | No dispatches   | Residence                       | Parity           | N/A        | 4              | 4                | 100.00% | 0.00%                    | 52    | 52  | 100.00% | 0.00%  |           |           |
| August 2016                | Ordering and Provisioning    | OP-4A                | Dispatches within MSAs  | Residence                       | Parity           | N/A        | 98             | 8                | 12.25   | 1.67                     | 1,072 | 121 | 8.86    | 5.54   | 1.589268  |           |
| August 2016                | Ordering and Provisioning    | OP-5A                | New Service Installation Quality  | Residence                       | Parity           | N/A        | 16             | 17               | 94.12%  | 23.53%                   | 249   | 263 | 94.68%  | 22.45% | -0.302573 | -1.183951 |
| August 2016                | Ordering and Provisioning    | OP-8C                | Number Portability Timeliness without Loop Coord  | LNP                             | Benchmark        | 95.00%     | 290            | 290              | 100.00% |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Address Validation)   | REQUEST                         | Diagnostic       | N/A        | 6614.36        | 19,454           | 0.34    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Address Validation)   | RESPONSE                        | Diagnostic       | N/A        | 15586.80       | 12,989           | 1.20    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Address Validation)   | TOTAL                           | Diagnostic       | N/A        | 22201.16       | 19,454           | 1.14    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Appt. Scheduler)  | REQUEST                         | Diagnostic       | N/A        | 3232.46        | 4,198            | 0.77    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Appt. Scheduler)  | TOTAL                           | Diagnostic       | N/A        | 3698.18        | 4,198            | 0.88    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Facility Assignment)  | REQUEST                         | Diagnostic       | N/A        | 747.18         | 1,779            | 0.42    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Facility Assignment)  | RESPONSE                        | Diagnostic       | N/A        | 1251.60        | 1,192            | 1.05    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Facility Assignment)  | TOTAL                           | Diagnostic       | N/A        | 1998.78        | 1,779            | 1.12    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Facility Check)   | REQUEST                         | Diagnostic       | N/A        | 3310.75        | 3,895            | 0.85    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Facility Check)   | RESPONSE                        | Diagnostic       | N/A        | 8013.78        | 3,798            | 2.11    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Facility Check)   | TOTAL                           | Diagnostic       | N/A        | 11324.53       | 3,895            | 2.91    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Get CSR)  | REQUEST                         | Diagnostic       | N/A        | 8153.25        | 7,765            | 1.05    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Get CSR)  | RESPONSE                        | Diagnostic       | N/A        | 6722.20        | 5,795            | 1.16    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Get CSR)  | TOTAL                           | Diagnostic       | N/A        | 14875.45       | 7,765            | 1.92    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 |                      |   | REQUEST                         | Diagnostic       | N/A        | 2308.68        | 1,089            | 2.12    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 |                      | Pre-Order Response Times (Meet Point Inquiry)   | RESPONSE                        | Diagnostic       | N/A        | 669.20         | 1,195            | 0.56    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Meet Point Inquiry)   | TOTAL                           | Diagnostic       | N/A        | 2977.88        | 1,089            | 2.73    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 |                      |   | REQUEST                         | Diagnostic       | N/A        | 3713.60        | 6,752            | 0.55    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times (Service Availability)   | RESPONSE                        | Diagnostic       | N/A        | 7574.22        | 13,059           | 0.58    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 |                      |   | TOTAL                           | Diagnostic       | N/A        | 11287.82       | 6,752            | 1.67    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 |                      | Pre-Order Response Times (TN Reservation)   | ACCEPT                          | Diagnostic       | N/A        | 263.76         | 1,099            | 0.24    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 |                      |   | REQUEST                         | Diagnostic       | N/A        | 812.21         | 1,981            | 0.41    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 |                      |   | RESPONSE                        | Diagnostic       | N/A        | 1265.92        | 989              | 1.28    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 |                      | Pre-Order Response Times (TN Reservation)   | TOTAL                           | Diagnostic       | N/A        | 2341.89        | 1,981            | 1.18    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 |                      |   | REQUEST                         | Diagnostic       | N/A        | 2571.06        | 3,522            | 0.73    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 |                      |   | RESPONSE                        | Diagnostic       | N/A        | 52558.95       | 2,759            | 19.05   |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-IMA GUI         | Pre-Order Response Times(Loop Qual Tools)   | TOTAL                           | Diagnostic       | N/A        | 55130.01       | 3,522            | 15.65   |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-XML             |   |                                 | Diagnostic       | N/A        | 8418.64        | 4,478            | 1.88    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-XML             | Pre-Order Response Times (Appt. Scheduler XML)  | XML Request/Response            | Diagnostic       | N/A        | 7903.40        | 4,595            | 1.72    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-XML             | Pre-Order Response Times (Facility Check XML)   | XML Request/Response            | Diagnostic       | N/A        | 68191.55       | 6,923            | 9.85    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-XML             | Pre-Order Response Times (Get CSR XML)  | XML Request/Response            | Diagnostic       | N/A        | 26466.99       | 6.347            | 4.17    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-1-XML             | Pre-Order Response Times (Loop Qual Tools XML)  | XML Request/Response            | Diagnostic       | N/A        | 47039.63       | 3,487            | 13.49   |                          |       |     |         |        |           |           |
| August 2016<br>August 2016 | Pre-Ordering                 | PO-1-XML             | Pre-Order Response Times (Loop Quar Hools XML)<br>Pre-Order Response Times (Meet Point Inquiry XML) | XML Request/Response            | Diagnostic       | N/A        | 3937.00        | 775              | 5.08    |                          |       |     |         |        |           |           |
| August 2016<br>August 2016 | Pre-Ordering                 | PO-1-XML             | Pre-Order Response Times (Service Avail XML)  | XML Request/Response            |                  | N/A        | 15141.08       | 4,822            | 3.14    |                          |       |     |         |        |           |           |
|                            | -                            | PO-1-XML             |   |                                 | Diagnostic       | N/A        | 3775.20        | 3,146            | 1.20    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering<br>Pre-Ordering | PO-1-XML<br>PO-1-XML | Pre-Order Response Times (TN Reservation XML)<br>Pre-Order Response Times(Connecting Fac Assgn XM   | XML Request/Response            | Diagnostic       | N/A<br>N/A | 5605.20        | 1.620            | 3.46    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering<br>Pre-Ordering | PO-1-XIVIL<br>PO-2A  | All Electronic LSRs   |                                 | Diagnostic       | N/A<br>N/A | 136            | 1,620            | 77.27%  |                          |       |     |         |        |           |           |
| August 2016                | Ŭ                            |                      |   |                                 | Diagnostic       |            |                |                  |         |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-2A                | All Electronic LSRs   | Resale Aggregate W/O UNE-P-POTS | Diagnostic       | N/A        | 206            | 239              | 86.19%  |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-2A                | All Electronic LSRs   | Unbundled Loop Aggregate        | Diagnostic       | N/A        | 21             | 21               | 100.00% |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-2B                | All Flow-through Eligible LSRs  | LNP                             | Diagnostic       | N/A        | 136            | 137              | 99.27%  |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-2B                | All Flow-through Eligible LSRs  | Resale Aggregate W/O UNE-P-POTS | Diagnostic       | N/A        | 206            | 207              | 99.52%  |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-2B                | All Flow-through Eligible LSRs  | Unbundled Loop Aggregate        | Diagnostic       | N/A        | 21             | 21               | 100.00% |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-3C                | LSRs received via facsimile   | Product Aggregate               | Diagnostic       | N/A        | 36:31          | 6                | 6:05    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-3X                | Electronic LSRs Rejected Manually   | Product Aggregate               | Diagnostic       | N/A        | 17:18          | 18               | 0:58    |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-5A-(a)            | FOCs on Time for Fully Electronic LSRs  | Resale Aggregate                | Benchmark        | 95.00%     | 164            | 164              | 100.00% |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-5A-(b)            | FOCs on Time for Fully Electronic LSRs  | Unbundled Loop AGG-EELs         | Benchmark        | 95.00%     | 21             | 21               | 100.00% |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-5A-(c)            | FOCs on Time for Fully Electronic LSRs  | LNP                             | Benchmark        | 95.00%     | 131            | 131              | 100.00% |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-5B-(a)            | FOCs on Time for Electronic/Manual LSRs   | Resale Aggregate                | Benchmark        | 90.00%     | 16             | 16               | 100.00% |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-5B-(c)            | FOCs on Time for Electronic/Manual LSRs   | LNP                             | Benchmark        | 90.00%     | 36             | 36               | 100.00% |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-5C-(b)            | FOCs on Time for manual LSRs via Facsimile  | Unbundled Loop AGG-EELs         | Benchmark        | 90.00%     | 2              | 2                | 100.00% |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-5C-(c)            | FOCs on Time for manual LSRs via Facsimile  | LNP                             | Benchmark        | 90.00%     | 1              | 1                | 100.00% |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-5D                | FOCs provided for ASRs requesting LIS Trunks.   | LIS Trunk                       | Benchmark        | 85.00%     | 1              | 1                | 100.00% |                          |       |     |         |        |           |           |
| August 2016                | Pre-Ordering                 | PO-9A                | Non-Designed Services   | Non-Designed Services           | Parity           | N/A        | 0              | 1                | 0.00%   | 0.00%                    | 0     | 22  | 0.00%   | 0.00%  |           |           |
| July 2016                  | Billing                      | BI-2                 | Invoices Delivered within 10 Days   | All                             | Parity by Design | N/A        | 203            | 205              | 99.02%  |                          |       |     |         |        |           |           |
| July 2016                  | Billing                      | BI-3A                | Billing Accuracy - Adjustments for Errors   | UNEs and Resale Aggregate       | Diagnostic       | N/A        | 106,697        | 107,164          | 99.56%  |                          |       |     |         |        |           |           |

| Month                  | PID Category                    | PID          | PID Title   | Product Category                      | Standard   |            |           |           |         | CLEC Standard Deviation | CTL-Q Numerator C | TL-Q Denominator | CTL-Q Result | CTL-Q Standard Deviation | Modified Z Score | Parity Score |
|------------------------|---------------------------------|--------------|---|---------------------------------------|------------|------------|-----------|-----------|---------|-------------------------|-------------------|------------------|--------------|--------------------------|------------------|--------------|
| uly 2016               | Billing                         | BI-3B        | Billing Accuracy - Adjustments for Errors   | Reciprocal Compensation               | Diagnostic | N/A        | 576       | 576       | 100.00% |                         |                   |                  |              |                          |                  |              |
| uly 2016               | Billing                         | BI-4A        | UNEs and Resale Aggregate   | UNEs and Resale Aggregate             | Parity     | N/A        | 427       | 427       | 100.00% | 0.00%                   | 5,564             | 5,585            | 99.62%       | 6.12%                    | -1.223579        | -1.74388     |
| uly 2016               | Billing                         | BI-4B        | Reciprocal Compensation (MOU):  | Reciprocal Compensation               | Diagnostic | N/A        | 576       | 576       | 100.00% |                         |                   |                  |              |                          |                  |              |
| uly 2016               | Database Updates                | DB-1B        | All   | LIDB                                  | Diagnostic | N/A        | 3,148,839 | 2,993,806 | 1.05    |                         |                   |                  |              |                          |                  |              |
| uly 2016               | Database Updates                | DB-1C-1      | All   | Directory Listing                     | Diagnostic | N/A        | 1046.24   | 5,320     | 0.20    |                         |                   |                  |              |                          |                  |              |
| uly 2016               | Electronic Gateway Availability | GA-1         | Gateway Availability - LSR  | IMAGUI                                | Diagnostic | N/A        | 29,880    | 29,880    | 100.00% |                         |                   |                  |              |                          |                  |              |
| luly 2016              | Electronic Gateway Availability | GA-1         | Gateway Availability - LSR  | SIA                                   | Diagnostic | N/A        | 29,880    | 29,880    | 100.00% |                         |                   |                  |              |                          |                  |              |
| July 2016              | Electronic Gateway Availability | GA-1         | Gateway Availability - LSR  | XML                                   | Diagnostic | N/A        | 29,880    | 29,880    | 100.00% |                         |                   |                  |              |                          |                  |              |
| July 2016              | Electronic Gateway Availability | GA-3         | Gateway Availability - Repair   | EBTA                                  | Diagnostic | N/A        | 42,840    | 42,840    | 100.00% |                         |                   |                  |              |                          |                  |              |
| July 2016              | Electronic Gateway Availability | GA-3         | Gateway Availability - Repair   | RepairGUI                             | Diagnostic | N/A        | 41,565    | 41,565    | 100.00% |                         |                   |                  |              |                          |                  |              |
| July 2016              | Electronic Gateway Availability | GA-4         | System Availability - ASR   | EXACT                                 | Diagnostic | N/A        | 21,600    | 21,600    | 100.00% |                         |                   |                  |              |                          |                  |              |
| July 2016              | Electronic Gateway Availability | GA-7         | Timely Outage Resolution after Software Releases  | ALL                                   | Diagnostic | N/A        | 0         | 0         |         |                         |                   |                  |              |                          |                  |              |
| July 2016              | Maintenance and Repair          | MR-5B        | All Troubles Cleared w/i 4 Hours-Zone 2   | Unbundled Loop - DS1 Capable          | Parity     | N/A        | 1         | 1         | 100.00% | 0.00%                   | 3                 | 4                | 75.00%       | 43.30%                   | -0.516398        |              |
| July 2016              | Maintenance and Repair          | MR-5X        | Out of Service cleared w/i 24 hours   | Business                              | Parity     | N/A        | 0         | 1         | 0.00%   | 0.00%                   | 34                | 85               | 40.00%       | 48.99%                   | -0.265405        | -1.16135     |
| July 2016              | Maintenance and Repair          | MR-6E        | Mean Time to Restore Interval Zone 2  | Unbundled Loop - DS1 Capable          | Parity     | N/A        | 1:53      | 1         | 1:53    | 0:00                    | 10:09             | 4                | 2:32         | 1:52                     | -0.314728        | -1.19134     |
| July 2016              | Maintenance and Repair          | MR-6E        | Mean Time to Restore Interval Zone 2  | Unbundled Loop Analog                 | Parity     | N/A        | 10:12     | 2         | 5:06    | 2:20                    | 33451:40          | 423              | 79:05        | 81:15                    | -1.284775        | -1.78108     |
| July 2016              | Maintenance and Repair          | MR-7E        | Repair Repeat Report Rate-Zone 2  | Unbundled Loop - DS1 Capable          | Parity     | N/A        | 0         | 1         | 0.00%   | 0.00%                   | 1                 | 4                | 25.00%       | 43.30%                   | -0.516398        | -1.31394     |
| July 2016              | Maintenance and Repair          | MR-7E        | Repair Repeat Report Rate-Zone 2  | Unbundled Loop Analog                 | Parity     | N/A        | 0         | 2         | 0.00%   | 0.00%                   | 71                | 456              | 15.57%       | 36.26%                   | -0.605987        | -1.36841     |
| July 2016              | Maintenance and Repair          | MR-8         | Trouble Rate  | Enhanced Extended Loops - DS1 Capable | Parity     | N/A        | 0         | 36        | 0.00%   |                         | 4                 | 206              | 1.94%        | 13.80%                   | -0.778989        | -1.47359     |
| July 2016              | Maintenance and Repair          | MR-8         | Trouble Rate  | LIS Trunk                             | Parity     | N/A        | 0         | 9,650     | 0.00%   |                         | 0                 | 9,360            | 0.00%        |                          |                  |              |
| July 2016              | Maintenance and Repair          | MR-8         | Trouble Rate  | Residence                             | Parity     | N/A        | 0         | 57        | 0.00%   |                         | 363               | 23,557           | 1.54%        | 12.32%                   | -0.943361        | -1.57352     |
| July 2016              | Maintenance and Repair          | MR-8         | Trouble Rate  | Unbundled Loop - 2 Wire Non-Loaded    | Parity     | N/A        | 0         | 29        | 0.00%   |                         | 0                 | 130              | 0.00%        |                          |                  |              |
| July 2016              | Maintenance and Repair          | MR-8         | Trouble Rate  | Unbundled Loop - DS1 Capable          | Parity     | N/A        | 1         | 117       | 0.85%   | 9.21%                   | 4                 | 248              | 1.61%        | 12.60%                   | -0.536641        | -1.32625     |
| July 2016              | Maintenance and Repair          | MR-8         | Trouble Rate  | Unbundled Loop Analog                 | Parity     | N/A        | 2         | 271       | 0.74%   | 8.56%                   | 456               | 38,334           | 1.19%        | 10.84%                   | -0.683214        | -1.41536     |
| July 2016              | Network Performance             | NI-1A        | Trunk Blockage to CTL-Q Tandem Ofc wi TGSR excl   | LIS Trunk                             | Parity     | N/A        | 0         | 1,728     | 0.00%   | 0.01%                   |                   |                  |              |                          |                  | -2.99333     |
| July 2016              | Network Performance             | NI-1B        | Trunk Blockage to CTL-Q End Ofc wi TGSR excl  | LIS Trunk                             | Parity     | N/A        | 2         | 2,433     | 0.07%   | 0.22%                   |                   |                  |              |                          |                  | -2.79847     |
| July 2016              | Network Performance             | NI-1C        | Trunk Blockage to CTL-Q Tandem Ofc w/o TGSR excl  | LIS Trunk                             | Diagnostic | N/A        | 0         | 1,728     | 0.00%   |                         |                   |                  |              |                          |                  |              |
| July 2016              | Network Performance             | NI-1D        | Trunk Blockage to CTL-Q End Ofc w/o TGSR excl   | LIS Trunk                             | Diagnostic | N/A        | 2         | 2,433     | 0.07%   |                         |                   |                  |              |                          |                  |              |
| July 2016              | Ordering and Provisioning       | OP-3A        | Dispatches within MSAs  | Residence                             | Parity     | N/A        | 8         | 8         | 100.00% | 0.00%                   | 94                | 104              | 90.38%       | 29.48%                   | -0.888973        | -1.54045     |
| July 2016              | Ordering and Provisioning       | OP-3B        | Dispatches outside MSAs   | Residence                             | Parity     | N/A        | 2         | 2         | 100.00% | 0.00%                   | 36                | 37               | 97.30%       | 16.22%                   | -0.229579        | -1.13957     |
| July 2016              | Ordering and Provisioning       | OP-3C        | No dispatches   | Residence                             | Parity     | N/A        | 5         | 5         | 100.00% | 0.00%                   | 47                | 47               | 100.00%      | 0.00%                    |                  |              |
| July 2016              | Ordering and Provisioning       | OP-3E        | Interval Zone 2 Areas   | Enhanced Extended Loops - DS1 Capable | Benchmark  | 90.00%     | 1         | 2         | 50.00%  |                         |                   |                  |              |                          |                  |              |
| July 2016              | Ordering and Provisioning       | OP-3E        | Interval Zone 2 Areas   | Unbundled Loop - DS1 Capable          | Parity     | N/A        | 2         | 2         | 100.00% | 0.00%                   | 1                 | 1                | 100.00%      | 0.00%                    |                  |              |
| July 2016              | Ordering and Provisioning       | OP-4A        | Dispatches within MSAs  | Residence                             | Parity     | N/A        | 56        | 7         | 8.00    | 4.83                    | 705               | 86               | 8.20         | 6.55                     | -0.076837        | -1.04671     |
| July 2016              | Ordering and Provisioning       | OP-5A        | New Service Installation Quality  | Residence                             | Parity     | N/A        | 15        | 15        | 100.00% | 0.00%                   | 183               | 188              | 97.34%       | 16.09%                   | -0.616078        | -1.37454     |
| July 2016              | Ordering and Provisioning       | OP-5A        | New Service Installation Quality  | Unbundled Loop - DS1 Capable          | Parity     | N/A        | 2         | 2         | 100.00% | 0.00%                   | 1                 | 1                | 100.00%      | 0.00%                    |                  |              |
| July 2016              | Ordering and Provisioning       | OP-8C        | Number Portability Timeliness without Loop Coord  | LNP                                   | Benchmark  | 95.00%     | 155       | 155       | 100.00% |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              |   | REQUEST                               | Diagnostic | N/A        | 6405.96   | 19,412    | 0.33    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              |   | RESPONSE                              | Diagnostic | N/A        | 15570.00  | 12,975    | 1.20    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              |   | TOTAL                                 | Diagnostic | N/A        | 21975.96  | 19,412    | 1.13    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              | Pre-Order Response Times (Appt. Scheduler)  | REQUEST                               | Diagnostic | N/A        | 3288.48   | 4,216     | 0.78    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              | Pre-Order Response Times (Appt. Scheduler)  | TOTAL                                 | Diagnostic | N/A        | 3876.63   | 4,216     | 0.92    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              | Pre-Order Response Times (Facility Assignment)  | REQUEST                               | Diagnostic | N/A        | 701.51    | 1,711     | 0.41    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              | Pre-Order Response Times (Facility Assignment)  | RESPONSE                              | Diagnostic | N/A        | 1320.90   | 1,295     | 1.02    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              | Pre-Order Response Times (Facility Assignment)  | TOTAL                                 | Diagnostic | N/A        | 2022.41   | 1,711     | 1.18    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              | Pre-Order Response Times (Facility Check)   | REQUEST                               | Diagnostic | N/A        | 3120.92   | 3,806     | 0.82    |                         |                   |                  |              |                          |                  |              |
| July 2016<br>July 2016 | Pre-Ordering                    |              | Pre-Order Response Times (Facility Check)   | RESPONSE                              | Diagnostic | N/A        | 8219.67   | 3,859     | 2.13    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              | Pre-Order Response Times (Facility Check)   | TOTAL                                 | Diagnostic | N/A        | 11340.59  | 3.806     | 2.10    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              | Pre-Order Response Times (Get CSR)  | REQUEST                               | Diagnostic | N/A        | 8049.60   | 7,740     | 1.04    |                         |                   |                  |              |                          |                  |              |
| July 2016<br>July 2016 | Pre-Ordering<br>Pre-Ordering    |              | Pre-Order Response Times (Get CSR) Pre-Order Response Times (Get CSR)                       | RESPONSE                              | Diagnostic | N/A<br>N/A | 6893.64   | 5,892     | 1.04    |                         |                   |                  |              |                          |                  |              |
| July 2016<br>July 2016 | Pre-Ordering                    |              | Pre-Order Response Times (Get CSR)  | TOTAL                                 | Diagnostic | N/A<br>N/A | 14943.24  | 7,740     | 1.17    |                         |                   |                  |              |                          |                  |              |
| July 2016<br>July 2016 | Pre-Ordering<br>Pre-Ordering    |              | Pre-Order Response Times (Get CSR) Pre-Order Response Times (Meet Point Inquiry)            | REQUEST                               | Diagnostic | N/A<br>N/A | 2305.80   | 1,098     | 2.10    |                         |                   |                  |              |                          |                  |              |
|                        | Pre-Ordering<br>Pre-Ordering    |              | Pre-Order Response Times (Meet Point Inquiry) Pre-Order Response Times (Meet Point Inquiry) | RESPONSE                              | -          | N/A<br>N/A | 630.18    | 1,098     | 0.54    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Ŭ                               |              |   |                                       | Diagnostic |            |           |           |         |                         |                   |                  |              |                          |                  | <u> </u>     |
| July 2016              | Pre-Ordering<br>Pro Ordering    |              | Pre-Order Response Times (Meet Point Inquiry)   | TOTAL                                 | Diagnostic | N/A        | 2935.98   | 1,098     | 2.67    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              | Pre-Order Response Times (Service Availability)   | REQUEST                               | Diagnostic | N/A        | 3619.62   | 6,703     | 0.54    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              | Pre-Order Response Times (Service Availability)   | RESPONSE                              | Diagnostic | N/A        | 7515.64   | 12,958    | 0.58    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              | Pre-Order Response Times (Service Availability)   | TOTAL                                 | Diagnostic | N/A        | 11135.26  | 6,703     | 1.66    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              | Pre-Order Response Times (TN Reservation)   | ACCEPT                                | Diagnostic | N/A        | 240.46    | 1,093     | 0.22    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    |              | Pre-Order Response Times (TN Reservation)   | REQUEST                               | Diagnostic | N/A        | 794.00    | 1,985     | 0.40    |                         |                   |                  |              |                          |                  |              |
| July 2016              | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (TN Reservation)   | RESPONSE                              | Diagnostic | N/A        | 1214.12   | 956       | 1.27    |                         |                   |                  |              |                          |                  |              |

| Month                  | PID Category                    | PID            | PID Title  | Product Category                      | Standard         | Benchmark  | CLEC Numerator 0 | CLEC Denominator | CLEC Result | CLEC Standard Deviation | CTL-Q Numerator | CTL-Q Denominator | CTL-Q Result | CTL-Q Standard Deviation | Modified Z Score | Parity Scor |
|------------------------|---------------------------------|----------------|--|---------------------------------------|------------------|------------|------------------|------------------|-------------|-------------------------|-----------------|-------------------|--------------|--------------------------|------------------|-------------|
| July 2016              | Pre-Ordering                    |                | Pre-Order Response Times (TN Reservation)                                    | TOTAL                                 | Diagnostic       | N/A        | 2248.58          | 1,985            | 1.13        |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times(Loop Qual Tools)                                    | REQUEST                               | Diagnostic       | N/A        | 2336.29          | 3,487            | 0.67        |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times(Loop Qual Tools)                                    | RESPONSE                              | Diagnostic       | N/A        | 52296.51         | 2,751            | 19.01       |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-1-IMA GUI   | Pre-Order Response Times(Loop Qual Tools)                                    | TOTAL                                 | Diagnostic       | N/A        | 54632.80         | 3,487            | 15.67       |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-1-XML       | Pre-Order Response Times (Address Validation XML)                            | XML Request/Response                  | Diagnostic       | N/A        | 8584.20          | 4,518            | 1.90        |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-1-XML       | Pre-Order Response Times (Appt. Scheduler XML)                               | XML Request/Response                  | Diagnostic       | N/A        | 7801.30          | 4,589            | 1.70        |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-1-XML       | Pre-Order Response Times (Facility Check XML)                                | XML Request/Response                  | Diagnostic       | N/A        | 67213.80         | 6,915            | 9.72        |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-1-XML       | Pre-Order Response Times (Get CSR XML)                                       | XML Request/Response                  | Diagnostic       | N/A        | 26312.00         | 6,325            | 4.16        |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-1-XML       | Pre-Order Response Times (Loop Qual Tools XML)                               | XML Request/Response                  | Diagnostic       | N/A        | 46948.20         | 3,380            | 13.89       |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-1-XML       | Pre-Order Response Times (Meet Point Inquiry XML)                            | XML Request/Response                  | Diagnostic       | N/A        | 3907.80          | 780              | 5.01        |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-1-XML       | Pre-Order Response Times (Service Avail XML)                                 | XML Request/Response                  | Diagnostic       | N/A        | 15284.88         | 4,899            | 3.12        |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-1-XML       | Pre-Order Response Times (TN Reservation XML)                                | XML Request/Response                  | Diagnostic       | N/A        | 3862.80          | 3,219            | 1.20        |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-1-XML       | Pre-Order Response Times(Connecting Fac Assgn XM                             | /II XML Request/Response              | Diagnostic       | N/A        | 5632.88          | 1,628            | 3.46        |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-2A          | All Electronic LSRs  | LNP                                   | Diagnostic       | N/A        | 154              | 202              | 76.24%      |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-2A          | All Electronic LSRs  | Resale Aggregate W/O UNE-P-POTS       | Diagnostic       | N/A        | 255              | 304              | 83.88%      |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-2A          | All Electronic LSRs  | Unbundled Loop Aggregate              | Diagnostic       | N/A        | 13               | 14               | 92.86%      |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-2B          | All Flow-through Eligible LSRs   | LNP                                   | Diagnostic       | N/A        | 154              | 154              | 100.00%     |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-2B          | All Flow-through Eligible LSRs   | Resale Aggregate W/O UNE-P-POTS       | Diagnostic       | N/A        | 255              | 255              | 100.00%     |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-2B          | All Flow-through Eligible LSRs   | Unbundled Loop Aggregate              | Diagnostic       | N/A        | 13               | 13               | 100.00%     |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-3C          | LSRs received via facsimile  | Product Aggregate                     | Diagnostic       | N/A        | 21:58            | 1                | 21:58       |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-3X          | Electronic LSRs Rejected Manually  | Product Aggregate                     | Diagnostic       | N/A        | 46:29            | 30               | 1:33        |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-5A-(a)      | FOCs on Time for Fully Electronic LSRs                                       | Resale Aggregate                      | Benchmark        | 95.00%     | 208              | 208              | 100.00%     |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-5A-(b)      | FOCs on Time for Fully Electronic LSRs                                       | Unbundled Loop AGG-EELs               | Benchmark        | 95.00%     | 19               | 19               | 100.00%     |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-5A-(c)      | FOCs on Time for Fully Electronic LSRs                                       | LNP                                   | Benchmark        | 95.00%     | 149              | 149              | 100.00%     |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-5B-(a)      | FOCs on Time for Electronic/Manual LSRs                                      | Resale Aggregate                      | Benchmark        | 90.00%     | 17               | 17               | 100.00%     |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-5B-(b)      | FOCs on Time for Electronic/Manual LSRs                                      | Unbundled Loop AGG-EELs               | Benchmark        | 90.00%     | 3                | 3                | 100.00%     |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-5B-(c)      | FOCs on Time for Electronic/Manual LSRs                                      | LNP                                   | Benchmark        | 90.00%     | 43               | 43               | 100.00%     |                         |                 |                   |              |                          |                  |             |
| July 2016              | Pre-Ordering                    | PO-5C-(c)      | FOCs on Time for manual LSRs via Facsimile                                   | LNP                                   | Benchmark        | 90.00%     | 1                | 1                | 100.00%     |                         |                 |                   |              |                          |                  |             |
| June 2016              | Billing                         | BI-2           | Invoices Delivered within 10 Days  | All                                   | Parity by Design | N/A        | 180              | 180              | 100.00%     |                         |                 |                   |              |                          |                  |             |
| June 2016              | Billing                         | BI-3A          | Billing Accuracy - Adjustments for Errors                                    | UNEs and Resale Aggregate             | Diagnostic       | N/A        | 106,419          | 106,831          | 99.61%      |                         |                 |                   |              |                          |                  |             |
| June 2016              | Billing                         | BI-3B          | Billing Accuracy - Adjustments for Errors                                    | Reciprocal Compensation               | Diagnostic       | N/A        | 626              | 626              | 100.00%     |                         |                 |                   |              |                          |                  |             |
| June 2016              | Billing                         | BI-4A          | UNEs and Resale Aggregate  | UNEs and Resale Aggregate             | Parity           | N/A        | 394              | 394              | 100.00%     | 0.00%                   | 5,679           | 5,710             | 99.46%       | 7.35%                    | -1.418417        | 7 -1.86233  |
| June 2016              | Billing                         | BI-4B          | Reciprocal Compensation (MOU):   | Reciprocal Compensation               | Diagnostic       | N/A        | 626              | 626              | 100.00%     |                         |                 |                   |              |                          |                  |             |
| June 2016              | Database Updates                | DB-1B          | All  | LIDB                                  | Diagnostic       | N/A        | 3,210,363        | 3,071,398        | 1.05        |                         |                 |                   |              |                          |                  |             |
| June 2016              | Database Updates                | DB-1C-1        | All  | Directory Listing                     | Diagnostic       | N/A        | 1176.54          | 5,653            | 0.21        |                         |                 |                   |              |                          |                  |             |
| June 2016              | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR   | IMAGUI                                | Diagnostic       | N/A        | 29,520           | 29,520           | 100.00%     |                         |                 |                   |              |                          |                  |             |
| June 2016              | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR   | SIA                                   | Diagnostic       | N/A        | 29,520           | 29,520           | 100.00%     |                         |                 |                   |              |                          |                  |             |
| June 2016              | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR   | XML                                   | Diagnostic       | N/A        | 29,480           | 29,520           | 99.86%      |                         |                 |                   |              |                          |                  |             |
| June 2016              | Electronic Gateway Availability | GA-3           | Gateway Availability - Repair  | EBTA                                  | Diagnostic       | N/A        | 41,760           | 41.760           | 100.00%     |                         |                 |                   |              |                          |                  |             |
| June 2016              | Electronic Gateway Availability | GA-3           | Gateway Availability - Repair  | RepairGUI                             | Diagnostic       | N/A        | 40,740           | 40,740           | 100.00%     |                         |                 |                   |              |                          |                  |             |
| June 2016              | Electronic Gateway Availability | GA-4           | System Availability - ASR  | EXACT                                 | Diagnostic       | N/A        | 21,960           | 21,960           | 100.00%     |                         |                 |                   |              |                          |                  |             |
| June 2016              | Electronic Gateway Availability | GA-7           | Timely Outage Resolution after Software Releases                             | ALL                                   | Diagnostic       | N/A        | 0                | 0                | 10010070    |                         |                 |                   |              |                          |                  |             |
| June 2016              | Maintenance and Repair          | MR-5B          | All Troubles Cleared w/i 4 Hours-Zone 2                                      | LIS Trunk                             | Parity           | N/A        | 0                | 1                | 0.00%       | 0.00%                   |                 |                   |              |                          |                  | <u> </u>    |
| June 2016              | Maintenance and Repair          | MR-5B          | All Troubles Cleared w/i 4 Hours-Zone 2                                      | Unbundled Loop - DS1 Capable          | Parity           | N/A        | 1                | 3                | 33.33%      | 47.14%                  | 2               | 2                 | 100.00%      | 0.00%                    | 0.524401         | 1 -0.68118  |
| June 2016              | Maintenance and Repair          | MR-5B<br>MR-5X | Out of Service cleared w/i 4 hours   | Business                              | Parity           | N/A        | 0                | 2                | 0.00%       |                         | 45              | 107               | 42.06%       |                          |                  |             |
| June 2016<br>June 2016 | Maintenance and Repair          | MR-5A<br>MR-6A | Mean Time to Restore-Disp w/i MSA  | Residence                             | Parity           | N/A<br>N/A | 3:50             | 2                | 3:50        |                         | 45              |                   |              |                          |                  |             |
| June 2016<br>June 2016 | Maintenance and Repair          | MR-6B          | Mean Time to Restore disp out MSA  | Residence                             | Parity           | N/A<br>N/A | 139:39           | 2                | 69:49       |                         | 7614:45         |                   |              |                          |                  |             |
| June 2016<br>June 2016 | Maintenance and Repair          | MR-6E          | Mean Time to Restore Interval Zone 2   | LIS Trunk                             | Parity           | N/A<br>N/A | 20:24            | 2                | 20:24       |                         | /014:43         | 137               | 00:00        | 02:11                    | 0.792019         | -0.01012    |
| June 2016<br>June 2016 | Maintenance and Repair          | MR-6E          | Mean Time to Restore Interval Zone 2<br>Mean Time to Restore Interval Zone 2 | Unbundled Loop - DS1 Capable          | Parity           | N/A<br>N/A | 17:16            | 3                | 20:24       |                         | 3:06            |                   | 3:06         | 0:00                     |                  |             |
|                        |                                 | MR-6E<br>MR-7A |  | Residence                             | Parity           | N/A<br>N/A | 17:16            | 3                | 0.00%       |                         | 3:06            |                   |              |                          |                  | 6 -1.26042  |
| June 2016              | Maintenance and Repair          | MR-7A<br>MR-7B | Repair Repeat Rort Rate-Disp w/I MSA   |                                       |                  | N/A<br>N/A | 0                | 2                | 0.00%       |                         | 21              | 212               |              |                          |                  |             |
| June 2016              | Maintenance and Repair          | MR-7B<br>MR-7E | Repair Repeat Report Rate-Disp out MSA                                       | Residence<br>LIS Trunk                | Parity           |            | 0                |                  |             |                         | 21              | 143               | 14.69%       | 35.40%                   | -0.582678        | -1.35424    |
| June 2016              | Maintenance and Repair          |                | Repair Repeat Report Rate-Zone 2   |                                       | Parity           | N/A        | 0                | 1                | 0.00%       |                         | 0               | 2                 | 0.000        | A ***                    | 0.0500.17        | 7 4 4 5 10  |
| June 2016              | Maintenance and Repair          | MR-7E          | Repair Repeat Report Rate-Zone 2   | Unbundled Loop - DS1 Capable          | Parity           | N/A        |                  | 0                | 33.33%      | 47.14%                  | 0               | -                 | 0.00%        |                          |                  |             |
| June 2016              | Maintenance and Repair          | MR-8           | Trouble Rate   | Enhanced Extended Loops - DS1 Capable |                  | N/A        | 0                | 37               | 0.00%       |                         | 2               | 207               | 0.97%        |                          | -0.553387        | 7 -1.33643  |
| June 2016              | Maintenance and Repair          | MR-8           | Trouble Rate   | LIS Trunk                             | Parity           | N/A        | 1                | 9,650            | 0.01%       |                         | 0               | 9,288             | 0.00%        |                          |                  |             |
| June 2016              | Maintenance and Repair          | MR-8           | Trouble Rate   | Residence                             | Parity           | N/A        | 3                | 153              | 1.96%       |                         | 375             |                   | 1.57%        |                          |                  |             |
| June 2016              | Maintenance and Repair          | MR-8           | Trouble Rate   | Unbundled Loop - 2 Wire Non-Loaded    | Parity           | N/A        | 0                | 30               | 0.00%       |                         | 1               | 132               |              |                          |                  |             |
| June 2016              | Maintenance and Repair          | MR-8           | Trouble Rate   | Unbundled Loop - DS1 Capable          | Parity           | N/A        | 3                | 118              | 2.54%       | 15.74%                  | 2               | 249               |              |                          |                  |             |
| June 2016              | Maintenance and Repair          | MR-8           | Trouble Rate   | Unbundled Loop Analog                 | Parity           | N/A        | 0                | 280              | 0.00%       |                         | 495             |                   | 1.28%        |                          |                  |             |
| June 2016              | Maintenance and Repair          | MR-9A          | Repair Appointments Met-Disp w/I MSA   | Residence                             | Parity           | N/A        | 1                | 1                | 100.00%     | 0.00%                   | 180             | 212               | 84.91%       | 35.80%                   | -0.420646        | 6 -1.25573  |

| Month                  | PID Category                 | PID          | PID Title   | Product Category                      | Standard   |            | CLEC Numerator | CLEC Denominator |         | CLEC Standard Deviation CT |     |     |         |        |           |           |
|------------------------|------------------------------|--------------|---|---------------------------------------|------------|------------|----------------|------------------|---------|----------------------------|-----|-----|---------|--------|-----------|-----------|
| June 2016              | Maintenance and Repair       | MR-9B        | Repair Appointments Met-Disp out MSA  | Residence                             | Parity     | N/A        | 1              | 2                | 50.00%  | 50.00%                     | 126 | 143 | 88.11%  | 32.36% | 0.726975  |           |
| une 2016               | Network Performance          | NI-1A        | Trunk Blockage to CTL-Q Tandem Ofc wi TGSR excl   |                                       | Parity     | N/A        | 0              | 1,720            | 0.00%   | 0.01%                      |     |     |         |        |           | -2.993333 |
| lune 2016              | Network Performance          | NI-1B        | Trunk Blockage to CTL-Q End Ofc wi TGSR excl  | LIS Trunk                             | Parity     | N/A        | 2              | 2,433            | 0.07%   | 0.52%                      |     |     |         |        |           | -2.778644 |
| June 2016              | Network Performance          | NI-1C        | Trunk Blockage to CTL-Q Tandem Ofc w/o TGSR excl  | LIS Trunk                             | Diagnostic | N/A        | 0              | 1,728            | 0.00%   |                            |     |     |         |        |           |           |
| June 2016              | Network Performance          | NI-1D        | Trunk Blockage to CTL-Q End Ofc w/o TGSR excl   | LIS Trunk                             | Diagnostic | N/A        | 2              | 2,433            | 0.07%   |                            |     |     |         |        |           |           |
| June 2016              | Ordering and Provisioning    | OP-3A        | Dispatches within MSAs  | Residence                             | Parity     | N/A        | 8              | 8                | 100.00% | 0.00%                      | 136 | 143 | 95.10%  | 21.58% | -0.624459 |           |
| June 2016              | Ordering and Provisioning    | OP-3B        | Dispatches outside MSAs   | Residence                             | Parity     | N/A        | 2              | 2                | 100.00% | 0.00%                      | 58  | 61  | 95.08%  | 21.62% | -0.316487 | -1.192411 |
| June 2016              | Ordering and Provisioning    | OP-3C        | No dispatches   | Residence                             | Parity     | N/A        | 4              | 4                | 100.00% | 0.00%                      | 50  | 50  | 100.00% | 0.00%  |           |           |
| June 2016              | Ordering and Provisioning    | OP-3E        | Interval Zone 2 Areas   | Enhanced Extended Loops - DS1 Capable | Benchmark  | 90.00%     | 2              | 2                | 100.00% |                            |     |     |         |        |           |           |
| June 2016              | Ordering and Provisioning    | OP-3E        | Interval Zone 2 Areas   | Unbundled Loop - DS1 Capable          | Parity     | N/A        | 7              | 8                | 87.50%  | 33.07%                     | 10  | 10  | 100.00% | 0.00%  | 0.13971   | -0.915062 |
| June 2016              | Ordering and Provisioning    | OP-4A        | Dispatches within MSAs  | Residence                             | Parity     | N/A        | 37             | 4                | 9.25    | 2.06                       | 847 | 127 | 6.67    | 3.69   | 1.281552  | -0.220872 |
| June 2016              | Ordering and Provisioning    | OP-4B        | Dispatches outside MSAs   | Residence                             | Parity     | N/A        | 9              | 1                | 9.00    | 0.00                       | 407 | 53  | 7.68    | 20.20  | 1.10768   | -0.326578 |
| June 2016              | Ordering and Provisioning    | OP-5A        | New Service Installation Quality  | Residence                             | Parity     | N/A        | 13             | 14               | 92.86%  | 25.75%                     | 241 | 255 | 94.51%  | 22.78% | -0.154304 | -1.09381  |
| June 2016              | Ordering and Provisioning    | OP-5A        | New Service Installation Quality  | Unbundled Loop - DS1 Capable          | Parity     | N/A        | 8              | 8                | 100.00% | 0.00%                      | 10  | 10  | 100.00% | 0.00%  |           |           |
| June 2016              | Ordering and Provisioning    | OP-8C        | Number Portability Timeliness without Loop Coord  | LNP                                   | Benchmark  | 95.00%     | 128            | 128              | 100.00% |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-IMA GUI | Pre-Order Response Times (Address Validation)   | REQUEST                               | Diagnostic | N/A        | 6593.28        | 19,392           | 0.34    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-IMA GUI | Pre-Order Response Times (Address Validation)   | RESPONSE                              | Diagnostic | N/A        | 15621.10       | 12,910           | 1.21    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-IMA GUI | Pre-Order Response Times (Address Validation)   | TOTAL                                 | Diagnostic | N/A        | 22214.38       | 19,392           | 1.15    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-IMA GUI | Pre-Order Response Times (Appt. Scheduler)  | REQUEST                               | Diagnostic | N/A        | 3135.35        | 4,295            | 0.73    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-IMA GUI | Pre-Order Response Times (Appt. Scheduler)  | TOTAL                                 | Diagnostic | N/A        | 3601.79        | 4,295            | 0.84    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (Facility Assignment)  | REQUEST                               | Diagnostic | N/A        | 748.86         | 1,783            | 0.42    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (Facility Assignment)  | RESPONSE                              | Diagnostic | N/A        | 1313.96        | 1,228            | 1.07    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-IMA GUI | Pre-Order Response Times (Facility Assignment)  | TOTAL                                 | Diagnostic | N/A        | 2062.82        | 1,783            | 1.16    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-IMA GUI | Pre-Order Response Times (Facility Check)   | REQUEST                               | Diagnostic | N/A        | 3190.32        | 3,798            | 0.84    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-IMA GUI | Pre-Order Response Times (Facility Check)   | RESPONSE                              | Diagnostic | N/A        | 8066.60        | 3,805            | 2.12    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (Facility Check)   | TOTAL                                 | Diagnostic | N/A        | 11256.92       | 3,798            | 2.96    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-IMA GUI | Pre-Order Response Times (Get CSR)  | REQUEST                               | Diagnostic | N/A        | 8027.76        | 7,719            | 1.04    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (Get CSR)  | RESPONSE                              | Diagnostic | N/A        | 6672.32        | 5,752            | 1.16    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (Get CSR)  | TOTAL                                 | Diagnostic | N/A        | 14700.08       | 7,719            | 1.90    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (Meet Point Inquiry)   | REQUEST                               | Diagnostic | N/A        | 2298.24        | 1,026            | 2.24    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (Meet Point Inquiry)   | RESPONSE                              | Diagnostic | N/A        | 658.90         | 1.198            | 0.55    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (Meet Point Inquiry)   | TOTAL                                 | Diagnostic | N/A        | 2957.14        | 1,026            | 2.88    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (Service Availability)   | REQUEST                               | Diagnostic | N/A        | 3543.05        | 6,685            | 0.53    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (Service Availability)   | RESPONSE                              | Diagnostic | N/A        | 7339.92        | 13,107           | 0.56    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (Service Availability)   | TOTAL                                 | Diagnostic | N/A        | 10882.97       | 6,685            | 1.63    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (TN Reservation)   | ACCEPT                                | Diagnostic | N/A        | 258.00         | 1,075            | 0.24    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (TN Reservation)   | REQUEST                               | Diagnostic | N/A        | 785.97         | 1,917            | 0.41    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (TN Reservation)   | RESPONSE                              | Diagnostic | N/A        | 1256.96        | 982              | 1.28    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (TN Reservation)   | TOTAL                                 | Diagnostic | N/A        | 2300.93        | 1,917            | 1.20    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (Tri Reservation) Pre-Order Response Times (Loop Qual Tools)           | REQUEST                               | Diagnostic | N/A        | 2300.93        | 3,455            | 0.68    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times(Loop Qual Tools)   | RESPONSE                              | Diagnostic | N/A<br>N/A | 49617.00       | 2.682            | 18.50   |                            |     |     |         |        |           |           |
|                        | 0                            |              |   | TOTAL                                 | 0          | N/A<br>N/A | 51966.40       | 3,455            | 15.04   |                            |     |     |         |        |           |           |
| June 2016<br>June 2016 | Pre-Ordering<br>Pre-Ordering | PO-1-XML     | Pre-Order Response Times (Loop Qual Tools)<br>Pre-Order Response Times (Address Validation XML) | XML Request/Response                  | Diagnostic | N/A        | 8349.54        | 4,489            | 15.04   |                            |     |     |         |        |           |           |
|                        | Ŭ                            |              |   |                                       | Diagnostic |            |                |                  |         |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-XML     | Pre-Order Response Times (Appt. Scheduler XML)  | XML Request/Response                  | Diagnostic | N/A        | 7779.07        | 4,603            | 1.69    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-XML     | Pre-Order Response Times (Facility Check XML)   | XML Request/Response                  | Diagnostic | N/A        | 67803.20       | 6,835            | 9.92    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-XML     | Pre-Order Response Times (Get CSR XML)  | XML Request/Response                  | Diagnostic | N/A        | 26258.49       | 6,297            | 4.17    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-XML     | Pre-Order Response Times (Loop Qual Tools XML)  | XML Request/Response                  | Diagnostic | N/A        | 47863.92       | 3,588            | 13.34   |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-XML     | Pre-Order Response Times (Meet Point Inquiry XML)   | XML Request/Response                  | Diagnostic | N/A        | 3858.20        | 764              | 5.05    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 |              | Pre-Order Response Times (Service Avail XML)  | XML Request/Response                  | Diagnostic | N/A        | 15693.30       | 4,982            | 3.15    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-1-XML     | Pre-Order Response Times (TN Reservation XML)   | XML Request/Response                  | Diagnostic | N/A        | 3789.60        | 3,158            | 1.20    |                            |     |     |         |        |           | <u> </u>  |
| June 2016              | Pre-Ordering                 | PO-1-XML     | Pre-Order Response Times(Connecting Fac Assgn XM  |                                       | Diagnostic | N/A        | 5580.51        | 1,599            | 3.49    |                            |     |     |         |        |           | <u> </u>  |
| June 2016              | Pre-Ordering                 | PO-2A        | All Electronic LSRs   | LNP                                   | Diagnostic | N/A        | 152            | 191              | 79.58%  |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-2A        | All Electronic LSRs   | Resale Aggregate W/O UNE-P-POTS       | Diagnostic | N/A        | 245            | 293              | 83.62%  |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-2A        | All Electronic LSRs   | Unbundled Loop Aggregate              | Diagnostic | N/A        | 4              | 5                | 80.00%  |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-2B        | All Flow-through Eligible LSRs  | LNP                                   | Diagnostic | N/A        | 152            |                  | 100.00% |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-2B        | All Flow-through Eligible LSRs  | Resale Aggregate W/O UNE-P-POTS       | Diagnostic | N/A        | 245            | 245              | 100.00% |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-2B        | All Flow-through Eligible LSRs  | Unbundled Loop Aggregate              | Diagnostic | N/A        | 4              | 4                | 100.00% |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-3C        | LSRs received via facsimile   | Product Aggregate                     | Diagnostic | N/A        | 20:23          | 1                | 20:23   |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-3X        | Electronic LSRs Rejected Manually   | Product Aggregate                     | Diagnostic | N/A        | 41:32          | 19               | 2:11    |                            |     |     |         |        |           |           |
| June 2016              | Pre-Ordering                 | PO-5A-(a)    | FOCs on Time for Fully Electronic LSRs  | Resale Aggregate                      | Benchmark  | 95.00%     | 202            | 202              | 100.00% |                            |     |     |         |        |           |           |

| Month                | PID Category                    | PID            | PID Title   | Product Category                       | Standard         |            |           |           |         | CLEC Standard Deviation | CTL-Q Numerator | CTL-Q Denominator | CTL-Q Result | CTL-Q Standard Deviation | Modified Z Score | Parity Score |
|----------------------|---------------------------------|----------------|---|--|------------------|------------|-----------|-----------|---------|-------------------------|-----------------|-------------------|--------------|--------------------------|------------------|--------------|
| une 2016             | Pre-Ordering                    | PO-5A-(b)      | FOCs on Time for Fully Electronic LSRs            | Unbundled Loop AGG-EELs                | Benchmark        | 95.00%     | 4         | 4         | 100.00% |                         |                 |                   |              |                          |                  |              |
| ine 2016             | Pre-Ordering                    | PO-5A-(c)      | FOCs on Time for Fully Electronic LSRs            | LNP                                    | Benchmark        | 95.00%     | 143       | 143       | 100.00% |                         |                 |                   |              |                          |                  |              |
| ine 2016             | Pre-Ordering                    | PO-5B-(a)      | FOCs on Time for Electronic/Manual LSRs           | Resale Aggregate                       | Benchmark        | 90.00%     | 18        | 18        | 100.00% |                         |                 |                   |              |                          |                  |              |
| une 2016             | Pre-Ordering                    | PO-5B-(b)      | FOCs on Time for Electronic/Manual LSRs           | Unbundled Loop AGG-EELs                | Benchmark        | 90.00%     | 3         | 3         | 100.00% |                         |                 |                   |              |                          |                  |              |
| une 2016             | Pre-Ordering                    | PO-5B-(c)      | FOCs on Time for Electronic/Manual LSRs           | LNP                                    | Benchmark        | 90.00%     | 38        | 38        | 100.00% |                         |                 |                   |              |                          |                  |              |
| une 2016             | Pre-Ordering                    | PO-5C-(c)      | FOCs on Time for manual LSRs via Facsimile        | LNP                                    | Benchmark        | 90.00%     | 1         | 1         | 100.00% |                         |                 |                   |              |                          |                  |              |
| une 2016             | Pre-Ordering                    | PO-9B          | Unbundled Loops                                   | Unbundled Loops and Number Portability | Parity           | N/A        | 6         | 8         | 75.00%  | 43.30%                  | 0               | 7                 | 0.00%        | 0.00%                    |                  |              |
| lay 2016             | Billing                         | BI-2           | Invoices Delivered within 10 Days                 | All                                    | Parity by Design | N/A        | 243       | 243       | 100.00% |                         |                 |                   |              |                          |                  |              |
| lay 2016             | Billing                         | BI-3A          | Billing Accuracy - Adjustments for Errors         | UNEs and Resale Aggregate              | Diagnostic       | N/A        | 110,664   | 110,968   | 99.73%  |                         |                 |                   |              |                          |                  |              |
| <i>l</i> ay 2016     | Billing                         | BI-3B          | Billing Accuracy - Adjustments for Errors         | Reciprocal Compensation                | Diagnostic       | N/A        | 837       | 837       | 100.00% |                         |                 |                   |              |                          |                  |              |
| /lay 2016            | Billing                         | BI-4A          | UNEs and Resale Aggregate                         | UNEs and Resale Aggregate              | Parity           | N/A        | 412       | 413       | 99.76%  | 4.91%                   | 5,832           | 5,848             | 99.73%       | 5.22%                    | -0.118318        | -1.07193     |
| <i>l</i> ay 2016     | Billing                         | BI-4B          | Reciprocal Compensation (MOU):                    | Reciprocal Compensation                | Diagnostic       | N/A        | 673       | 673       | 100.00% |                         |                 |                   |              |                          |                  |              |
| <i>l</i> lay 2016    | Database Updates                | DB-1B          | All   | LIDB                                   | Diagnostic       | N/A        | 4,083,576 | 3,933,065 | 1.04    |                         |                 |                   |              |                          |                  |              |
| /lay 2016            | Database Updates                | DB-1C-1        | All   | Directory Listing                      | Diagnostic       | N/A        | 1145.67   | 5,560     | 0.21    |                         |                 |                   |              |                          |                  |              |
| <i>l</i> lay 2016    | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR                        | IMAGUI                                 | Diagnostic       | N/A        | 30,060    | 30,060    | 100.00% |                         |                 |                   |              |                          |                  |              |
| <i>l</i> lay 2016    | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR                        | SIA                                    | Diagnostic       | N/A        | 30,060    | 30,060    | 100.00% |                         |                 |                   |              |                          |                  |              |
| <i>l</i> ay 2016     | Electronic Gateway Availability | GA-1           | Gateway Availability - LSR                        | XML                                    | Diagnostic       | N/A        | 30,060    | 30,060    | 100.00% |                         |                 |                   |              |                          |                  |              |
| May 2016             | Electronic Gateway Availability | GA-3           | Gateway Availability - Repair                     | EBTA                                   | Diagnostic       | N/A        | 42,900    | 42,900    | 100.00% |                         |                 |                   |              |                          |                  |              |
| /lay 2016            | Electronic Gateway Availability | GA-3           | Gateway Availability - Repair                     | RepairGUI                              | Diagnostic       | N/A        | 41,820    | 41,820    | 100.00% |                         |                 |                   |              |                          |                  |              |
| Jay 2016             | Electronic Gateway Availability | GA-4           | System Availability - ASR                         | EXACT                                  | Diagnostic       | N/A        | 21,960    | 21,960    | 100.00% |                         |                 |                   |              |                          |                  |              |
| May 2016             | Electronic Gateway Availability | GA-7           | Timely Outage Resolution after Software Releases  | ALL                                    | Diagnostic       | N/A        | 0         | 0         |         |                         |                 |                   |              |                          |                  |              |
| May 2016             | Maintenance and Repair          | MR-5B          | All Troubles Cleared w/i 4 Hours-Zone 2           | LIS Trunk                              | Parity           | N/A        | 1         | 2         | 50.00%  | 50.00%                  | 0               | 1                 | 0.00%        | 0.00%                    |                  |              |
| May 2016             | Maintenance and Repair          | MR-5B          | All Troubles Cleared w/i 4 Hours-Zone 2           | Unbundled Loop - DS1 Capable           | Parity           | N/A        | 3         | 4         | 75.00%  | 43.30%                  | 2               | 2                 | 100.00%      | 0.00%                    | -0.430727        | -1.26186     |
| May 2016             | Maintenance and Repair          | MR-5X          | Out of Service cleared w/i 24 hours               | Business                               | Parity           | N/A        | 3         | 11        | 27.27%  | 44.54%                  | 27              | 87                | 31.03%       | 46.26%                   | -0.12745         | -1.07748     |
| May 2016             | Maintenance and Repair          | MR-6A          | Mean Time to Restore-Disp w/i MSA                 | Residence                              | Parity           | N/A        | 43:01     | 1         | 43:01   | 0:00                    | 25764:04        | 187               |              | 552:47                   | -0.170963        |              |
| /ay 2016             | Maintenance and Repair          | MR-6B          | Mean Time to Restore disp out MSA                 | Residence                              | Parity           | N/A        | 113:18    | 1         | 113:18  | 0:00                    | 6192:12         | 136               |              | 43:47                    | 1.439531         |              |
| /ay 2016             | Maintenance and Repair          | MR-6E          | Mean Time to Restore Interval Zone 2              | LIS Trunk                              | Parity           | N/A        | 67:10     | 2         | 33:35   | 45:04                   | 65:09           | 1                 |              | 0:00                     |                  |              |
| May 2016             | Maintenance and Repair          | MR-6E          | Mean Time to Restore Interval Zone 2              | Unbundled Loop - DS1 Capable           | Parity           | N/A        | 23:54     | 4         | 5:58    | 7:57                    | 2:12            | 1                 | 2:12         | 0:00                     |                  |              |
| May 2016             | Maintenance and Repair          | MR-6E          | Mean Time to Restore Interval Zone 2              | Unbundled Loop Analog                  | Parity           | N/A        | 10:58     | 2         | 5:29    | 4:56                    | 38513:48        | 420               |              | 374:27                   | -0.324847        | -1.19749     |
| May 2016             | Maintenance and Repair          | MR-7A          | Repair Repeat Rprt Rate-Disp w/I MSA              | Residence                              | Parity           | N/A        | 0         | - 1       | 0.00%   | 0.00%                   | 26              | 191               |              | 34.29%                   | -0.395923        |              |
| May 2016             | Maintenance and Repair          | MR-7B          | Repair Repeat Report Rate-Disp out MSA            | Residence                              | Parity           | N/A        | 0         | 1         | 0.00%   | 0.00%                   | 31              | 138               |              | 41.73%                   | -0.536316        |              |
| May 2016             | Maintenance and Repair          | MR-7E          | Repair Repeat Report Rate-Zone 2                  | LIS Trunk                              | Parity           | N/A        | 0         | 2         | 0.00%   | 0.00%                   | 0               | 1                 |              | 0.00%                    | 0.000010         |              |
| May 2016             | Maintenance and Repair          | MR-7E          | Repair Repeat Report Rate-Zone 2                  | Unbundled Loop - DS1 Capable           | Parity           | N/A        | 2         | 4         | 50.00%  | 50.00%                  | 0               | 2                 |              | 0.00%                    | 0.253347         | -0.84597     |
| May 2016             | Maintenance and Repair          | MR-7E          | Repair Repeat Report Rate-Zone 2                  | Unbundled Loop Analog                  | Parity           | N/A        | 0         | 2         | 0.00%   | 0.00%                   | 70              | -                 |              | 36.58%                   | -0.613731        |              |
| May 2016             | Maintenance and Repair          | MR-8           | Trouble Rate                                      | Enhanced Extended Loops - DS1 Capable  | ,                | N/A        | 0         | 41        | 0.00%   | 0.0070                  | 2               | 194               |              | 10.10%                   | -0.593777        |              |
| May 2016             | Maintenance and Repair          | MR-8           | Trouble Rate                                      | LIS Trunk                              | Parity           | N/A        | 2         | 9,650     | 0.00%   | 1.44%                   |                 | 9,312             |              | 1.04%                    | 0.663443         |              |
| May 2016             | Maintenance and Repair          | MR-8           | Trouble Rate                                      | Residence                              | Parity           | N/A        | 2         | 156       | 1.28%   | 11.25%                  | 345             | 24,019            |              | 11.90%                   | -0.16146         |              |
| May 2016<br>May 2016 | Maintenance and Repair          | MR-8           | Trouble Rate                                      | Unbundled Loop - 2 Wire Non-Loaded     | Parity           | N/A        | 2         | 30        | 0.00%   | 11.2376                 |                 | 132               |              | 8.67%                    | -0.431971        |              |
| May 2016             | Maintenance and Repair          | MR-8           | Trouble Rate                                      | Unbundled Loop - DS1 Capable           | Parity           | N/A        | 4         | 115       | 3.48%   | 18.32%                  | 2               | 227               |              | 9.35%                    | 1.275325         |              |
| May 2016             | Maintenance and Repair          | MR-8           | Trouble Rate                                      | Unbundled Loop Analog                  | Parity           | N/A        | 4         | 280       | 0.71%   | 8.42%                   | 440             | 38,886            |              | 10.58%                   | -0.65771         |              |
| ,                    |                                 | MR-9A          |   | 1 0                                    | ,                | N/A<br>N/A | 2         | 200       | 100.00% | 0.00%                   | 156             | 30,000            | 81.68%       | 38.69%                   |                  |              |
| May 2016             | Maintenance and Repair          | MR-9A<br>MR-9B | Repair Appointments Met-Disp w/I MSA              | Residence                              | Parity           | N/A<br>N/A | 1         |           |         | 0.00%                   | 120             |                   |              | 38.69%                   | -0.47243         |              |
| May 2016             | Maintenance and Repair          | NI-1A          | Repair Appointments Met-Disp out MSA              | Residence                              | Parity           | N/A        | 1         | 1         | 100.00% | 0.00%                   | 120             | 138               | 86.96%       | 33.00%                   | -0.365903        |              |
| /lay 2016            | Network Performance             |                | -   | LIS Trunk                              | Parity           |            | -         | 1,728     |         |                         |                 |                   |              |                          |                  | -2.9         |
| May 2016             | Network Performance             | NI-1B          | Trunk Blockage to CTL-Q End Ofc wi TGSR excl      | LIS Trunk                              | Parity           | N/A        | 2         | 2,433     | 0.08%   | 0.55%                   |                 |                   |              |                          |                  | -2.76739     |
| May 2016             | Network Performance             | NI-1C          | Trunk Blockage to CTL-Q Tandem Ofc w/o TGSR excl  |  | Diagnostic       | N/A        | 0         | 1,728     | 0.01%   |                         |                 |                   |              |                          |                  | <u> </u>     |
| May 2016             | Network Performance             | NI-1D          | Trunk Blockage to CTL-Q End Ofc w/o TGSR excl     | LIS Trunk                              | Diagnostic       | N/A        | 2         | 2,433     | 0.08%   |                         |                 |                   |              |                          | 0 80             |              |
| /lay 2016            | Ordering and Provisioning       | OP-15A         | Interval for Pending Orders Delayed Past Due Date | Residence                              | Parity           | N/A        | 3         | 2         | 1.50    | 2.12                    | 4,037           | 23                | 175.52       | 300.11                   | -0.786552        | -1.4781      |
| /lay 2016            | Ordering and Provisioning       | OP-15A         | Interval for Pending Orders Delayed Past Due Date | Unbundled Loop - DS1 Capable           | Parity           | N/A        | 6         | 1         | 6.00    | 0.00                    |                 |                   |              |                          |                  |              |
| lay 2016             | Ordering and Provisioning       | OP-15B-RD      | Pending Orders Delayed for Facilities             | Residence                              | Parity           | N/A        | 0         | 2         | 0.00%   | 0.00%                   | 13              | 23                | 56.52%       | 49.57%                   | -1.546609        | -1.94027     |
| lay 2016             | Ordering and Provisioning       | OP-15B-RD      | Pending Orders Delayed for Facilities             | Unbundled Loop - DS1 Capable           | Parity           | N/A        | 1         | 1         | 100.00% | 0.00%                   |                 |                   |              |                          |                  |              |
| lay 2016             | Ordering and Provisioning       | OP-3A          | Dispatches within MSAs                            | Residence                              | Parity           | N/A        | 5         | 6         | 83.33%  | 37.27%                  | 111             | 124               |              | 30.63%                   | -0.006095        |              |
| lay 2016             | Ordering and Provisioning       | OP-3B          | Dispatches outside MSAs                           | Residence                              | Parity           | N/A        | 1         | 1         | 100.00% | 0.00%                   | 59              | 60                |              | 12.80%                   | -0.129117        | -1.07849     |
| lay 2016             | Ordering and Provisioning       | OP-3C          | No dispatches                                     | Residence                              | Parity           | N/A        | 4         | 4         | 100.00% | 0.00%                   | 51              | 51                | 100.00%      | 0.00%                    |                  |              |
| /lay 2016            | Ordering and Provisioning       | OP-3E          | Interval Zone 2 Areas                             | Unbundled Loop Analog                  | Benchmark        | 90.00%     | 2         | 2         | 100.00% |                         |                 |                   |              |                          |                  |              |
| /lay 2016            | Ordering and Provisioning       | OP-4A          | Dispatches within MSAs                            | Residence                              | Parity           | N/A        | 38        | 5         | 7.60    | 2.61                    | 636             | 100               |              | 3.91                     | 0.852386         |              |
| lay 2016             | Ordering and Provisioning       | OP-4B          | Dispatches outside MSAs                           | Residence                              | Parity           | N/A        | 9         | 1         | 9.00    | 0.00                    | 190             | 48                | 3.96         | 2.64                     | 1.253565         | -0.23788     |
| <i>I</i> lay 2016    | Ordering and Provisioning       | OP-4E          | Interval Zone 2 Areas                             | Unbundled Loop Analog                  | Benchmark        | 6.00       | 10        | 2         | 5.00    |                         |                 |                   |              |                          |                  |              |
| lay 2016             | Ordering and Provisioning       | OP-5A          | New Service Installation Quality                  | Residence                              | Parity           | N/A        | 10        | 11        | 90.91%  | 28.75%                  | 225             | 235               | 95.74%       | 20.18%                   | 0.248449         | -0.84895     |
| <i>l</i> ay 2016     | Ordering and Provisioning       | OP-5A          | New Service Installation Quality                  | Unbundled Loop Analog                  | Parity           | N/A        | 2         | 2         | 100.00% | 0.00%                   | 235             | 244               | 96.31%       | 18.85%                   | -0.275632        | -1.16757     |
| /lay 2016            | Ordering and Provisioning       | OP-8C          | Number Portability Timeliness without Loop Coord  | LNP                                    | Benchmark        | 95.00%     | 118       | 118       | 100.00% |                         |                 |                   |              |                          |                  |              |

| Month                | PID Category                    | PID                  | PID Title   | Product Category                | Standard         |            | CLEC Numerator CLE |           |         | CLEC Standard Deviation | CTL-Q Numerator | CTL-Q Denominator | CTL-Q Result | CTL-Q Standard Deviation | Modified Z Score | Parity Score |
|----------------------|---------------------------------|----------------------|---|---------------------------------|------------------|------------|--------------------|-----------|---------|-------------------------|-----------------|-------------------|--------------|--------------------------|------------------|--------------|
| May 2016             | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Address Validation)   | REQUEST                         | Diagnostic       | N/A        | 6467.34            | 19,598    | 0.33    |                         |                 |                   |              |                          |                  |              |
| /lay 2016            | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Address Validation)   | RESPONSE                        | Diagnostic       | N/A        | 15878.30           | 13,015    | 1.22    |                         |                 |                   |              |                          |                  |              |
| <i>l</i> ay 2016     | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Address Validation)   | TOTAL                           | Diagnostic       | N/A        | 22345.64           | 19,598    | 1.14    |                         |                 |                   |              |                          |                  |              |
| <i>l</i> lay 2016    | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Appt. Scheduler)  | REQUEST                         | Diagnostic       | N/A        | 3260.25            | 4,347     | 0.75    |                         |                 |                   |              |                          |                  |              |
| Vlay 2016            | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Appt. Scheduler)  | TOTAL                           | Diagnostic       | N/A        | 3691.67            | 4,347     | 0.85    |                         |                 |                   |              |                          |                  |              |
| Vlay 2016            | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Facility Assignment)  | REQUEST                         | Diagnostic       | N/A        | 740.46             | 1,806     | 0.41    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Facility Assignment)  | RESPONSE                        | Diagnostic       | N/A        | 1257.90            | 1,198     | 1.05    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Facility Assignment)  | TOTAL                           | Diagnostic       | N/A        | 1998.36            | 1,806     | 1.11    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Facility Check)   | REQUEST                         | Diagnostic       | N/A        | 3136.50            | 3,825     | 0.82    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Facility Check)   | RESPONSE                        | Diagnostic       | N/A        | 7568.40            | 3,710     | 2.04    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Facility Check)   | TOTAL                           | Diagnostic       | N/A        | 10704.90           | 3,825     | 2.80    |                         |                 |                   |              |                          |                  | 1            |
| May 2016             | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Get CSR)  | REQUEST                         | Diagnostic       | N/A        | 8076.60            | 7,692     | 1.05    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Get CSR)  | RESPONSE                        | Diagnostic       | N/A        | 6657.35            | 5,789     | 1.15    |                         |                 |                   |              |                          |                  | 1            |
| May 2016             | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Get CSR)  | TOTAL                           | Diagnostic       | N/A        | 14733.95           | 7,692     | 1.92    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Meet Point Inquiry)   | REQUEST                         | Diagnostic       | N/A        | 2308.68            | 1,089     | 2.12    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    |                      | Pre-Order Response Times (Meet Point Inquiry)   | RESPONSE                        | Diagnostic       | N/A        | 629.10             | 1,165     | 0.54    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Meet Point Inquiry)   | TOTAL                           | Diagnostic       | N/A        | 2937.78            | 1,089     | 2.70    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-1-IMA GUI         | Pre-Order Response Times (Service Availability)   | REQUEST                         | Diagnostic       | N/A        | 3631.50            | 6,725     | 0.54    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    |                      | Pre-Order Response Times (Service Availability)   | RESPONSE                        | Diagnostic       | N/A        | 7329.84            | 13,089    | 0.56    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    |                      | Pre-Order Response Times (Service Availability)   | TOTAL                           | Diagnostic       | N/A        | 10961.34           | 6,725     | 1.63    |                         |                 |                   |              |                          |                  | 1            |
| May 2016             | Pre-Ordering                    |                      | Pre-Order Response Times (TN Reservation)   | ACCEPT                          | Diagnostic       | N/A        | 223.02             | 1,062     | 0.21    |                         |                 |                   |              |                          |                  | 1            |
| May 2016             | Pre-Ordering                    |                      | Pre-Order Response Times (TN Reservation)   | REQUEST                         | Diagnostic       | N/A        | 792.54             | 1,887     | 0.42    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    |                      | Pre-Order Response Times (TN Reservation)   | RESPONSE                        | Diagnostic       | N/A        | 1216.66            | 958       | 1.27    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    |                      | Pre-Order Response Times (TN Reservation)   | TOTAL                           | Diagnostic       | N/A        | 2232.22            | 1,887     | 1.18    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    |                      | Pre-Order Response Times (Loop Qual Tools)  | REQUEST                         | Diagnostic       | N/A        | 2231.46            | 3,381     | 0.66    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    |                      | Pre-Order Response Times(Loop Qual Tools)   | RESPONSE                        | Diagnostic       | N/A        | 49381.20           | 2.610     | 18.92   |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    |                      | Pre-Order Response Times(Loop Qual Tools)   | TOTAL                           | Diagnostic       | N/A        | 51612.66           | 3,381     | 15.27   |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-1-XML             |   | XML Request/Response            | Diagnostic       | N/A        | 8567.10            | 4,509     | 1.90    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-1-XML             | Pre-Order Response Times (Address Validation XML)   | XML Request/Response            | Diagnostic       | N/A        | 7620.48            | 4,536     | 1.68    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering<br>Pre-Ordering    | PO-1-XML             | Pre-Order Response Times (Appl. Scheduler XML)  | XML Request/Response            | Diagnostic       | N/A        | 66802.70           | 6,782     | 9.85    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-1-XML             | Pre-Order Response Times (Get CSR XML)  | XML Request/Response            | Diagnostic       | N/A        | 26520.00           | 6,375     | 4.16    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-1-XML             | Pre-Order Response Times (Loop Qual Tools XML)  | XML Request/Response            | Diagnostic       | N/A        | 46393.52           | 3,512     | 13.21   |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering<br>Pre-Ordering    | PO-1-XML             | Pre-Order Response Times (Loop Qual Tools XML)<br>Pre-Order Response Times (Meet Point Inquiry XML) | XML Request/Response            | Diagnostic       | N/A        | 3912.81            | 781       | 5.01    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering<br>Pre-Ordering    | PO-1-XML             | Pre-Order Response Times (Service Avail XML)  | XML Request/Response            | -                | N/A        | 15612.25           | 4,925     | 3.17    |                         |                 |                   |              |                          |                  |              |
|                      | Pre-Ordering<br>Pre-Ordering    | PO-1-XML             |   |                                 | Diagnostic       | N/A        | 3764.40            |           | 1.20    |                         |                 |                   |              |                          |                  |              |
| May 2016<br>May 2016 | Pre-Ordering<br>Pre-Ordering    | PO-1-XML<br>PO-1-XML | Pre-Order Response Times (TN Reservation XML)<br>Pre-Order Response Times(Connecting Fac Assgn XM   | XML Request/Response            | Diagnostic       | N/A<br>N/A | 5565.12            | 3,137     | 3.52    |                         |                 |                   |              |                          |                  |              |
| ,                    |                                 |                      |   | LNP                             | Diagnostic       | N/A        | 159                |           |         |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-2A                | All Electronic LSRs   |                                 | Diagnostic       |            |                    | 197       | 80.71%  |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-2A                | All Electronic LSRs   | Resale Aggregate W/O UNE-P-POTS | Diagnostic       | N/A        | 256                | 291       | 87.97%  |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-2A                | All Electronic LSRs   | Unbundled Loop Aggregate        | Diagnostic       | N/A        | 8                  | 11        | 72.73%  |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-2B                | All Flow-through Eligible LSRs  | LNP                             | Diagnostic       | N/A        | 159                | 159       | 100.00% |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-2B                | All Flow-through Eligible LSRs  | Resale Aggregate W/O UNE-P-POTS | Diagnostic       | N/A        | 256                | 256       | 100.00% |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-2B                | All Flow-through Eligible LSRs  | Unbundled Loop Aggregate        | Diagnostic       | N/A        | 8                  | 8         | 100.00% |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-3C                | LSRs received via facsimile   | Product Aggregate               | Diagnostic       | N/A        | 32:48              | 2         | 16:24   |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-3X                | Electronic LSRs Rejected Manually   | Product Aggregate               | Diagnostic       | N/A        | 42:28              | 20        | 2:07    |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-5A-(a)            | FOCs on Time for Fully Electronic LSRs  | Resale Aggregate                | Benchmark        | 95.00%     | 189                | 189       | 100.00% |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-5A-(b)            | FOCs on Time for Fully Electronic LSRs  | Unbundled Loop AGG-EELs         | Benchmark        | 95.00%     | 8                  | 8         | 100.00% |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-5A-(c)            | FOCs on Time for Fully Electronic LSRs  | LNP                             | Benchmark        | 95.00%     | 149                | 149       | 100.00% |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-5B-(a)            | FOCs on Time for Electronic/Manual LSRs   | Resale Aggregate                | Benchmark        | 90.00%     | 13                 | 13        | 100.00% |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-5B-(b)            | FOCs on Time for Electronic/Manual LSRs   | Unbundled Loop AGG-EELs         | Benchmark        | 90.00%     | 3                  | 3         | 100.00% |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-5B-(c)            | FOCs on Time for Electronic/Manual LSRs   | LNP                             | Benchmark        | 90.00%     | 35                 | 35        | 100.00% |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-5C-(c)            | FOCs on Time for manual LSRs via Facsimile  | LNP                             | Benchmark        | 90.00%     | 1                  | 1         | 100.00% |                         |                 |                   |              |                          |                  |              |
| May 2016             | Pre-Ordering                    | PO-9A                | Non-Designed Services   | Non-Designed Services           | Parity           | N/A        | 0                  | 1         | 0.00%   | 0.00%                   | 2               | 22                | 9.09%        | 28.75%                   | -1.359737        | 7 -1.826662  |
| April 2016           | Billing                         | BI-2                 | Invoices Delivered within 10 Days   | All                             | Parity by Design | N/A        | 178                | 178       | 100.00% |                         |                 |                   |              |                          |                  |              |
| April 2016           | Billing                         | BI-3A                | Billing Accuracy - Adjustments for Errors   | UNEs and Resale Aggregate       | Diagnostic       | N/A        | 117,643            | 117,643   | 100.00% |                         |                 |                   |              |                          |                  |              |
| April 2016           | Billing                         | BI-3B                | Billing Accuracy - Adjustments for Errors   | Reciprocal Compensation         | Diagnostic       | N/A        | 744                | 744       | 100.00% |                         |                 |                   |              |                          |                  |              |
| April 2016           | Billing                         | BI-4A                | UNEs and Resale Aggregate   | UNEs and Resale Aggregate       | Parity           | N/A        | 451                | 451       | 100.00% | 0.00%                   | 5,135           | 5,157             | 99.57%       | 6.52%                    | -1.332981        | 1 -1.81039   |
| April 2016           | Billing                         | BI-4B                | Reciprocal Compensation (MOU):  | Reciprocal Compensation         | Diagnostic       | N/A        | 731                | 731       | 100.00% |                         |                 |                   |              |                          |                  |              |
| April 2016           | Database Updates                | DB-1B                | All   | LIDB                            | Diagnostic       | N/A        | 3,748,347          | 3,614,490 | 1.04    |                         |                 |                   |              |                          |                  | 1            |
| April 2016           | Database Updates                | DB-1C-1              | All   | Directory Listing               | Diagnostic       | N/A        | 1028.31            | 4,742     | 0.22    |                         |                 |                   |              |                          |                  | 1            |
| April 2016           | Electronic Gateway Availability | GA-1                 | Gateway Availability - LSR  | IMAGUI                          | Diagnostic       | N/A        | 26.836             | 27,220    | 98.59%  |                         |                 |                   |              |                          | 1                | 1            |

| Month      | PID Category                    | PID          | PID Title   | Product Category                      | Standard                 |            |                   |        |         | CLEC Standard Deviation | CTL-Q Numerator | CTL-Q Denominator | CTL-Q Result | CTL-Q Standard Deviation | Modified Z Score | Parity Score |
|------------|---------------------------------|--------------|---|---------------------------------------|--------------------------|------------|-------------------|--------|---------|-------------------------|-----------------|-------------------|--------------|--------------------------|------------------|--------------|
| pril 2016  | Electronic Gateway Availability | GA-1         | Gateway Availability - LSR  | SIA                                   | Diagnostic               | N/A        | 29,340            | 29,340 | 100.00% |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Electronic Gateway Availability | GA-1         | Gateway Availability - LSR  |                                       | Diagnostic               | N/A        | 27,220            | 27,220 | 100.00% |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Electronic Gateway Availability | GA-3         | Gateway Availability - Repair   |                                       | Diagnostic               | N/A        | 40,857            | 41,700 | 97.98%  |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Electronic Gateway Availability | GA-3         | Gateway Availability - Repair   |                                       | Diagnostic               | N/A        | 36,961            | 37,845 | 97.66%  |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Electronic Gateway Availability | GA-4         | System Availability - ASR   | EXACT                                 | Diagnostic               | N/A        | 21,600            | 21,600 | 100.00% |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Electronic Gateway Availability | GA-7         | Timely Outage Resolution after Software Releases  | ALL                                   | Diagnostic               | N/A        | 0                 | 0      |         |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Maintenance and Repair          | MR-5B        | All Troubles Cleared w/i 4 Hours-Zone 2   |                                       | Parity                   | N/A        | 1                 | 2      | 50.00%  | 50.00%                  | 2               | 3                 | 00.01 /0     | 47.14%                   |                  | -1.31881     |
| pril 2016  | Maintenance and Repair          | MR-5B        | All Troubles Cleared w/i 4 Hours-Zone 2   | LIS Trunk                             | Parity                   | N/A        | 2                 | 2      | 100.00% | 0.00%                   | 1               | 1                 | 100.00%      | 0.00%                    |                  |              |
| pril 2016  | Maintenance and Repair          | MR-5B        | All Troubles Cleared w/i 4 Hours-Zone 2   | Unbundled Loop - 2 Wire Non-Loaded    | Diagnostic               | N/A        | 1                 | 1      | 100.00% |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Maintenance and Repair          | MR-5B        | All Troubles Cleared w/i 4 Hours-Zone 2   | Unbundled Loop - DS1 Capable          | Parity                   | N/A        | 1                 | 1      | 100.00% | 0.00%                   | 2               | 3                 | 66.67%       | 47.14%                   | -0.612372        |              |
| pril 2016  | Maintenance and Repair          | MR-6A        | Mean Time to Restore-Disp w/i MSA   | Residence                             | Parity                   | N/A        | 26:20             | 1      | 26:20   | 0:00                    | 9651:18         | 180               |              | 49:58                    |                  | -1.33107     |
| pril 2016  | Maintenance and Repair          | MR-6E        | Mean Time to Restore Interval Zone 2  | Enhanced Extended Loops - DS1 Capable | Parity                   | N/A        | 8:21              | 2      | 4:10    | 3:16                    | 12:50           | 3                 |              |                          |                  | -1.02087     |
| pril 2016  | Maintenance and Repair          | MR-6E        | Mean Time to Restore Interval Zone 2  | LIS Trunk                             | Parity                   | N/A        | 0:40              | 2      | 0:20    | 0:25                    | 3:01            | 1                 |              |                          |                  |              |
| pril 2016  | Maintenance and Repair          | MR-6E        | Mean Time to Restore Interval Zone 2  | Unbundled Loop - 2 Wire Non-Loaded    | Parity                   | N/A        | 2:42              | 1      | 2:42    | 0:00                    | 4:59            | 1                 | 4:59         | 0:00                     |                  |              |
| pril 2016  | Maintenance and Repair          | MR-6E        | Mean Time to Restore Interval Zone 2  | Unbundled Loop - DS1 Capable          | Parity                   | N/A        | 1:49              | 1      | 1:49    | 0:00                    | 12:50           | 3                 |              |                          |                  | -1.39525     |
| pril 2016  | Maintenance and Repair          | MR-7A        | Repair Repeat Rprt Rate-Disp w/I MSA  | Residence                             | Parity                   | N/A        | 0                 | 1      | 0.00%   | 0.00%                   | 32              |                   |              |                          |                  |              |
| pril 2016  | Maintenance and Repair          | MR-7E        | Repair Repeat Report Rate-Zone 2  | Enhanced Extended Loops - DS1 Capable | Parity                   | N/A        | 0                 | 2      | 0.00%   | 0.00%                   | 1               | 3                 | 33.33%       | 47.14%                   | -0.774597        | -1.47092     |
| pril 2016  | Maintenance and Repair          | MR-7E        | Repair Repeat Report Rate-Zone 2  | LIS Trunk                             | Parity                   | N/A        | 0                 | 2      | 0.00%   | 0.00%                   | 0               | 1                 | 0.00%        | 0.00%                    |                  |              |
| pril 2016  | Maintenance and Repair          | MR-7E        | Repair Repeat Report Rate-Zone 2  | Unbundled Loop - 2 Wire Non-Loaded    | Parity                   | N/A        | 0                 | 1      | 0.00%   | 0.00%                   | 0               | 1                 | 0.00%        | 0.00%                    |                  |              |
| pril 2016  | Maintenance and Repair          | MR-7E        | Repair Repeat Report Rate-Zone 2  | Unbundled Loop - DS1 Capable          | Parity                   | N/A        | 0                 | 1      | 0.00%   | 0.00%                   | 1               | 3                 | 33.33%       | 47.14%                   |                  |              |
| pril 2016  | Maintenance and Repair          | MR-8         | Trouble Rate  | Enhanced Extended Loops - DS1 Capable | Parity                   | N/A        | 2                 | 42     | 4.76%   | 21.30%                  | 3               | 194               | 1.55%        | 12.34%                   | 0.782072         | -0.52453     |
| pril 2016  | Maintenance and Repair          | MR-8         | Trouble Rate  | LIS Trunk                             | Parity                   | N/A        | 2                 | 9,650  | 0.02%   | 1.44%                   | 1               | 9,216             | 0.01%        | 1.04%                    | 0.650899         | -0.60428     |
| pril 2016  | Maintenance and Repair          | MR-8         | Trouble Rate  | Residence                             | Parity                   | N/A        | 1                 | 207    | 0.48%   | 6.93%                   | 333             | 24,216            | 1.38%        | 11.65%                   | -1.09737         | -1.66715     |
| pril 2016  | Maintenance and Repair          | MR-8         | Trouble Rate  | Unbundled Loop - 2 Wire Non-Loaded    | Parity                   | N/A        | 1                 | 30     | 3.33%   | 17.95%                  | 1               | 133               | 0.75%        | 8.64%                    | 0.425733         | -0.74117     |
| pril 2016  | Maintenance and Repair          | MR-8         | Trouble Rate  | Unbundled Loop - DS1 Capable          | Parity                   | N/A        | 1                 | 124    | 0.81%   | 8.94%                   | 3               | 227               | 1.32%        | 11.42%                   | -0.403954        | -1.24558     |
| pril 2016  | Maintenance and Repair          | MR-8         | Trouble Rate  | Unbundled Loop Analog                 | Parity                   | N/A        | 0                 | 280    | 0.00%   |                         | 452             | 39,101            | 1.16%        | 10.69%                   | -1.803141        | -2.09623     |
| pril 2016  | Maintenance and Repair          | MR-9A        | Repair Appointments Met-Disp w/I MSA  | Residence                             | Parity                   | N/A        | 1                 | 1      | 100.00% | 0.00%                   | 163             | 187               | 87.17%       | 33.45%                   | -0.382696        | -1.23266     |
| pril 2016  | Network Performance             | NI-1A        | Trunk Blockage to CTL-Q Tandem Ofc wi TGSR excl   | LIS Trunk                             | Parity                   | N/A        | 0                 | 1,728  | 0.01%   | 0.02%                   |                 |                   |              |                          |                  | -2.98333     |
| pril 2016  | Network Performance             | NI-1B        | Trunk Blockage to CTL-Q End Ofc wi TGSR excl  | LIS Trunk                             | Parity                   | N/A        | 0                 | 2,433  | 0.01%   | 0.03%                   |                 |                   |              |                          |                  | -2.98461     |
| pril 2016  | Network Performance             | NI-1C        | Trunk Blockage to CTL-Q Tandem Ofc w/o TGSR excl  | LIS Trunk                             | Diagnostic               | N/A        | 0                 | 1,728  | 0.01%   |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Network Performance             | NI-1D        | Trunk Blockage to CTL-Q End Ofc w/o TGSR excl   | LIS Trunk                             | Diagnostic               | N/A        | 0                 | 2,433  | 0.01%   |                         |                 |                   |              |                          |                  |              |
| April 2016 | Ordering and Provisioning       | OP-3A        | Dispatches within MSAs  | Residence                             | Parity                   | N/A        | 9                 | 9      | 100.00% | 0.00%                   | 105             | 113               | 92.92%       | 25.65%                   | -0.79695         | -1.48451     |
| April 2016 | Ordering and Provisioning       | OP-3B        | Dispatches outside MSAs   | Residence                             | Parity                   | N/A        | 1                 | 2      | 50.00%  | 50.00%                  | 48              | 49                | 97.96%       | 14.14%                   | 1.421078         | -0.13604     |
| pril 2016  | Ordering and Provisioning       | OP-3C        | No dispatches   |                                       | Parity                   | N/A        | 4                 | 4      | 100.00% | 0.00%                   | 50              | 50                |              |                          |                  |              |
| pril 2016  | Ordering and Provisioning       | OP-3E        | Interval Zone 2 Areas   |                                       | Parity                   | N/A        | 2                 | 2      | 100.00% | 0.00%                   | 6               | 6                 |              |                          |                  |              |
| pril 2016  | Ordering and Provisioning       | OP-3E        |   | Unbundled Loop Analog                 | Benchmark                | 90.00%     | 2                 | 2      | 100.00% |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Ordering and Provisioning       | OP-4A        | Dispatches within MSAs  | Residence                             | Parity                   | N/A        | 20                | - 3    | 6.67    | 1.15                    | 452             | 94                | 4.81         | 2.71                     | 1.062519         | -0.35403     |
| April 2016 | Ordering and Provisioning       | OP-4B        | Dispatches outside MSAs   | Residence                             | Parity                   | N/A        | 48                | 2      | 24.00   | 12.73                   | 115             |                   | 2.80         | 1.14                     |                  |              |
| pril 2016  | Ordering and Provisioning       | OP-4E        | Interval Zone 2 Areas   | Unbundled Loop Analog                 | Benchmark                | 6.00       | 10                | 2      | 5.00    |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Ordering and Provisioning       | OP-5A        | New Service Installation Quality  |                                       | Parity                   | N/A        | 2                 | 2      | 100.00% | 0.00%                   | 6               | 6                 | 100.00%      | 0.00%                    |                  |              |
| pril 2016  | Ordering and Provisioning       | OP-5A        | New Service Installation Quality  | Residence                             | Parity                   | N/A        | 15                | 15     | 100.00% | 0.00%                   | 198             | 212               |              |                          |                  | -1.60506     |
| pril 2016  | Ordering and Provisioning       | OP-5A        | New Service Installation Quality  |                                       | Parity                   | N/A        | 2                 | 2      | 100.00% | 0.00%                   | 201             | 212               |              |                          |                  |              |
| pril 2016  | Ordering and Provisioning       | OP-8C        | Number Portability Timeliness without Loop Coord  | LNP                                   | Benchmark                | 95.00%     | 225               | 225    | 100.00% | 0.0070                  | 201             | 210               | 52.2070      | 20.0170                  | 0.40041          | 1.24030      |
| pril 2016  | Pre-Ordering                    |              | Pre-Order Response Times (Address Validation)   |                                       | Diagnostic               | N/A        | 6216.32           | 19,426 | 0.32    |                         |                 |                   |              |                          |                  | ·            |
| pril 2016  | Pre-Ordering                    |              |   |                                       | 0                        | N/A        | 15578.40          | 12,982 | 1.20    |                         |                 |                   |              |                          |                  | <u> </u>     |
| pril 2016  | Pre-Ordering                    |              | Pre-Order Response Times (Address Validation) Pre-Order Response Times (Address Validation) |                                       | Diagnostic<br>Diagnostic | N/A        | 21794.72          | 12,982 | 1.20    |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Pre-Ordering                    |              | Pre-Order Response Times (Address Validation)<br>Pre-Order Response Times (Appt. Scheduler) |                                       | Diagnostic               | N/A        | 3043.44           | 4,227  | 0.72    |                         |                 |                   |              |                          |                  | <u> </u>     |
| pril 2016  | -                               |              |   |                                       | -                        |            |                   |        | 0.72    |                         |                 |                   |              |                          |                  |              |
|            | Pre-Ordering                    |              | Pre-Order Response Times (Appt. Scheduler)  |                                       | Diagnostic               | N/A<br>N/A | 3510.60<br>706.84 | 4,227  | 0.63    |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Pre-Ordering                    |              |   |                                       | Diagnostic               |            |                   | ,      |         |                         |                 |                   |              |                          |                  | <u> </u>     |
| oril 2016  | Pre-Ordering                    |              |   |                                       | Diagnostic               | N/A        | 1283.66           | 1,211  | 1.06    |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Pre-Ordering                    |              | Pre-Order Response Times (Facility Assignment)  | TOTAL                                 | Diagnostic               | N/A        | 1990.50           | 1,724  | 1.15    |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Pre-Ordering                    |              | Pre-Order Response Times (Facility Check)   |                                       | Diagnostic               | N/A        | 3183.05           | 3,835  | 0.83    |                         |                 |                   |              |                          | <i>_</i>         |              |
| oril 2016  | Pre-Ordering                    |              | Pre-Order Response Times (Facility Check)   |                                       | Diagnostic               | N/A        | 8051.76           | 3,798  | 2.12    |                         |                 |                   |              |                          | L/               |              |
| pril 2016  | Pre-Ordering                    |              | Pre-Order Response Times (Facility Check)   |                                       | Diagnostic               | N/A        | 11234.81          | 3,835  | 2.93    |                         |                 |                   |              |                          | /                | <u> </u>     |
| pril 2016  | Pre-Ordering                    |              | , ,   | REQUEST                               | Diagnostic               | N/A        | 8041.28           | 7,732  | 1.04    |                         |                 |                   |              |                          | L/               |              |
| pril 2016  | Pre-Ordering                    |              | Pre-Order Response Times (Get CSR)  |                                       | Diagnostic               | N/A        | 6741.92           | 5,812  | 1.16    |                         |                 |                   |              |                          |                  |              |
| oril 2016  | Pre-Ordering                    |              | Pre-Order Response Times (Get CSR)  |                                       | Diagnostic               | N/A        | 14783.20          | 7,732  | 1.91    |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Pre-Ordering                    |              | Pre-Order Response Times (Meet Point Inquiry)   |                                       | Diagnostic               | N/A        | 2264.12           | 1,058  | 2.14    |                         |                 |                   |              |                          |                  | L            |
| pril 2016  | Pre-Ordering                    |              | Pre-Order Response Times (Meet Point Inquiry)   |                                       | Diagnostic               | N/A        | 649.23            | 1,139  | 0.57    |                         |                 |                   |              |                          |                  |              |
| pril 2016  | Pre-Ordering                    | PO-1-IMA GUI | Pre-Order Response Times (Meet Point Inquiry)   | TOTAL                                 | Diagnostic               | N/A        | 2913.35           | 1,058  | 2.75    |                         |                 |                   |              |                          |                  |              |

| Month      | 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 |
|------------|--------------|--------------|---|---------------------------------|------------|-----------|----------------|------------------|-------------|-------------------------|-----------------|-------------------|--------------|--------------------------|------------------|--------------|
| April 2016 | Pre-Ordering | PO-1-IMA GUI | Pre-Order Response Times (Service Availability)   | REQUEST                         | Diagnostic | N/A       | 3671.25        | 6,675            | 0.55        |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-IMA GUI | Pre-Order Response Times (Service Availability)   | RESPONSE                        | Diagnostic | N/A       | 7478.97        | 13,121           | 0.57        |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-IMA GUI | Pre-Order Response Times (Service Availability)   | TOTAL                           | Diagnostic | N/A       | 11150.22       | 6,675            | 1.67        |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-IMA GUI | Pre-Order Response Times (TN Reservation)         | ACCEPT                          | Diagnostic | N/A       | 223.30         | 1,015            | 0.22        |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-IMA GUI | Pre-Order Response Times (TN Reservation)         | REQUEST                         | Diagnostic | N/A       | 731.60         | 1,829            | 0.40        |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-IMA GUI | Pre-Order Response Times (TN Reservation)         | RESPONSE                        | Diagnostic | N/A       | 1137.08        | 917              | 1.24        |                         |                 |                   |              |                          |                  | _            |
| April 2016 | Pre-Ordering | PO-1-IMA GUI | Pre-Order Response Times (TN Reservation)         | TOTAL                           | Diagnostic | N/A       | 2091.98        | 1,829            | 1.14        |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-IMA GUI | Pre-Order Response Times(Loop Qual Tools)         | REQUEST                         | Diagnostic | N/A       | 2229.76        | 3,328            | 0.67        |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-IMA GUI | Pre-Order Response Times(Loop Qual Tools)         | RESPONSE                        | Diagnostic | N/A       | 49589.32       | 2,621            | 18.92       |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-IMA GUI | Pre-Order Response Times(Loop Qual Tools)         | TOTAL                           | Diagnostic | N/A       | 51819.08       | 3,328            | 15.57       |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-XML     | Pre-Order Response Times (Address Validation XML) | XML Request/Response            | Diagnostic | N/A       | 8401.91        | 4,493            | 1.87        |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-XML     | Pre-Order Response Times (Appt. Scheduler XML)    | XML Request/Response            | Diagnostic | N/A       | 7648.30        | 4,499            | 1.70        |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-XML     | Pre-Order Response Times (Facility Check XML)     | XML Request/Response            | Diagnostic | N/A       | 66438.90       | 6,711            | 9.90        |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-XML     | Pre-Order Response Times (Get CSR XML)            | XML Request/Response            | Diagnostic | N/A       | 26959.80       | 6,419            | 4.20        |                         |                 |                   |              |                          |                  | _            |
| April 2016 | Pre-Ordering | PO-1-XML     | Pre-Order Response Times (Loop Qual Tools XML)    | XML Request/Response            | Diagnostic | N/A       | 46383.18       | 3,477            | 13.34       |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-XML     | Pre-Order Response Times (Meet Point Inquiry XML) | XML Request/Response            | Diagnostic | N/A       | 3848.10        | 762              | 5.05        |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-XML     | Pre-Order Response Times (Service Avail XML)      | XML Request/Response            | Diagnostic | N/A       | 15255.62       | 4,874            | 3.13        |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-XML     | Pre-Order Response Times (TN Reservation XML)     | XML Request/Response            | Diagnostic | N/A       | 3568.32        | 3,186            | 1.12        |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-1-XML     | Pre-Order Response Times(Connecting Fac Assgn XM  | II XML Request/Response         | Diagnostic | N/A       | 5520.36        | 1,542            | 3.58        |                         |                 |                   |              |                          |                  | _            |
| April 2016 | Pre-Ordering | PO-2A        | All Electronic LSRs                               | LNP                             | Diagnostic | N/A       | 133            | 167              | 79.64%      |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-2A        | All Electronic LSRs                               | Resale Aggregate W/O UNE-P-POTS | Diagnostic | N/A       | 205            | 269              | 76.21%      |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-2A        | All Electronic LSRs                               | Unbundled Loop Aggregate        | Diagnostic | N/A       | 10             | 31               | 32.26%      |                         |                 |                   |              |                          |                  | _            |
| April 2016 | Pre-Ordering | PO-2B        | All Flow-through Eligible LSRs                    | LNP                             | Diagnostic | N/A       | 133            | 134              | 99.25%      |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-2B        | All Flow-through Eligible LSRs                    | Resale Aggregate W/O UNE-P-POTS | Diagnostic | N/A       | 205            | 205              | 100.00%     |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-2B        | All Flow-through Eligible LSRs                    | Unbundled Loop Aggregate        | Diagnostic | N/A       | 10             | 10               | 100.00%     |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-3X        | Electronic LSRs Rejected Manually                 | Product Aggregate               | Diagnostic | N/A       | 6:41           | 12               | 0:33        |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-5A-(a)    | FOCs on Time for Fully Electronic LSRs            | Resale Aggregate                | Benchmark  | 95.00%    | 163            | 163              | 100.00%     |                         |                 |                   |              |                          |                  | _            |
| April 2016 | Pre-Ordering | PO-5A-(b)    | FOCs on Time for Fully Electronic LSRs            | Unbundled Loop AGG-EELs         | Benchmark  | 95.00%    | 11             | 11               | 100.00%     |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-5A-(c)    | FOCs on Time for Fully Electronic LSRs            | LNP                             | Benchmark  | 95.00%    | 122            | 122              | 100.00%     |                         |                 |                   |              |                          |                  | _            |
| April 2016 | Pre-Ordering | PO-5B-(a)    | FOCs on Time for Electronic/Manual LSRs           | Resale Aggregate                | Benchmark  | 90.00%    | 31             | 31               | 100.00%     |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-5B-(b)    | FOCs on Time for Electronic/Manual LSRs           | Unbundled Loop AGG-EELs         | Benchmark  | 90.00%    | 39             | 39               | 100.00%     |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-5B-(c)    | FOCs on Time for Electronic/Manual LSRs           | LNP                             | Benchmark  | 90.00%    | 32             | 32               | 100.00%     |                         |                 |                   |              |                          |                  |              |
| April 2016 | Pre-Ordering | PO-9A        | Non-Designed Services                             | Non-Designed Services           | Parity     | N/A       | 0              | 1                | 0.00%       | 0.00%                   | 6               | 18                | 33.33%       | 47.14%                   | -0.479506        | -1.291519    |