# APPENDIX C: County Network Capacity

The unit for all columns is presented in Mbps

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **County** | **Received Bandwidth** | **Transmit Bandwidth** | **Transmit Percent Utilization** | **Average Receive** | **Peak Transmit** | **Minimum Receive** | **Minimum Transmit** | **Peak Receive** | **Received Percent Utilization** | **Average Transmit** |
| Adams | 10.00  | 10.00  | 5.03 % | 0.4387  | 0.5031  | 0.0195  | 0.0091  | 1.9777  | 19.78 % | 0.0950  |
| Antelope | 10.00  | 10.00  | 51.45 % | 0.4964  | 5.1446  | 0.0356  | 0.0028  | 5.3217  | 53.22 % | 0.2804  |
| Arthur | 15.00  | 5.00  | 3.44 % | 0.1919  | 0.1719  | 0.0223  | 0.0029  | 2.8016  | 18.68 % | 0.0202  |
| Banner | 10.00  | 1.00  | 99.78 % | 1.0763  | 0.9978  | 0.0243  | 0.0050  | 7.9597  | 79.60 % | 0.2055  |
| Blaine | 15.00  | 5.00  | 1.10 % | 0.0894  | 0.0551  | 0.0172  | 0.0020  | 0.2805  | 1.87 % | 0.0080  |
| Boone | 10.00  | 10.00  | 0.28 % | 0.1029  | 0.0284  | 0.0367  | 0.0018  | 0.4202  | 4.20 % | 0.0058  |
| Box Butte | 10.00  | 10.00  | 16.49 % | 1.3758  | 1.6493  | 0.0014  | 0.0034  | 5.2689  | 52.69 % | 0.1088  |
| Boyd | 12.00  | 1.00  | 27.97 % | 0.4946  | 0.2797  | 0.0239  | 0.0032  | 3.2278  | 26.90 % | 0.0633  |
| Brown | 12.00  | 2.00  | 12.31 % | 0.2123  | 0.2462  | 0.0235  | 0.0035  | 1.7500  | 14.58 % | 0.0284  |
| Burt | 7.00  | 2.00  | 2.50 % | 0.0781  | 0.0500  | 0.0218  | 0.0029  | 0.3910  | 5.59 % | 0.0109  |
| Butler | 10.00  | 10.00  | 1.77 % | 0.2354  | 0.1770  | 0.0353  | 0.0017  | 0.9484  | 9.48 % | 0.0268  |
| Cass | 10.00  | 10.00  | 5.10 % | 0.2625  | 0.5099  | 0.0065  | 0.0035  | 2.4533  | 24.53 % | 0.0556  |
| Cedar | 24.00  | 12.00  | 1.86 % | 0.5438  | 0.2232  | 0.0285  | 0.0017  | 2.2372  | 9.32 % | 0.0486  |
| Chase | 5.00  | 5.00  | 6.05 % | 0.7882  | 0.3024  | 0.0142  | 0.0025  | 4.6596  | 93.19 % | 0.0549  |
| Cherry | 10.00  | 10.00  | 17.46 % | 1.4268  | 1.7462  | 0.0346  | 0.0149  | 8.8138  | 88.14 % | 0.2338  |
| Cheyenne | 5.00  | 5.00  | 26.51 % | 0.7093  | 1.3254  | 0.0941  | 0.0460  | 3.8038  | 76.08 % | 0.2535  |
| Clay | 10.00  | 10.00  | 1.18 % | 0.0967  | 0.1184  | 0.0384  | 0.0079  | 0.1650  | 1.65 % | 0.0146  |
| Colfax | 10.00  | 10.00  | 0.63 % | 0.0858  | 0.0633  | 0.0204  | 0.0035  | 1.2530  | 12.53 % | 0.0118  |
| Cuming | 60.00  | 2.00  | 2.62 % | 0.0579  | 0.0525  | 0.0249  | 0.0034  | 0.1040  | 0.17 % | 0.0089  |
| Custer | 5.00  | 5.00  | 7.13 % | 0.4346  | 0.3567  | 0.1666  | 0.0013  | 2.0706  | 41.41 % | 0.0285  |
| Dakota | 3.00  | 3.00  | 21.89 % | 0.6831  | 0.6568  | 0.0268  | 0.0091  | 3.0142  | 100.47 % | 0.1803  |
| Dawes | 10.00  | 10.00  | 4.10 % | 0.6095  | 0.4101  | 0.1527  | 0.0095  | 2.5415  | 25.42 % | 0.0778  |
| Dawson | 3.00  | 3.00  | 19.83 % | 0.4120  | 0.5949  | 0.0168  | 0.0058  | 2.0014  | 66.71 % | 0.1061  |
| Deuel | 10.00  | 0.90  | 40.31 % | 0.7834  | 0.3611  | 0.0022  | 0.0028  | 4.8025  | 48.02 % | 0.1133  |
| Dixon | 5.00  | 5.00  | 4.81 % | 0.2330  | 0.2403  | 0.0372  | 0.0021  | 1.1882  | 23.76 % | 0.0216  |
| Dodge | 10.00  | 10.00  | 14.83 % | 1.3307  | 1.4825  | 0.0508  | 0.0394  | 9.9679  | 99.68 % | 0.3130  |
| Douglas | 100.00  | 100.00  | 2.64 % | 6.0318  | 2.6441  | 0.2232  | 0.0996  | 22.1346  | 22.13 % | 1.0554  |
| Dundy | 10.00  | 1.00  | 29.68 % | 0.1734  | 0.2968  | 0.0215  | 0.0016  | 2.4449  | 24.45 % | 0.0202  |
| Fillmore | 10.00  | 10.00  | 1.76 % | 0.2485  | 0.1765  | 0.0183  | 0.0026  | 8.6381  | 86.38 % | 0.0124  |
| Franklin | 11.00  | 0.90  | 2.00 % | 0.0456  | 0.0180  | 0.0180  | 0.0031  | 0.1986  | 1.81 % | 0.0053  |
| Frontier | 15.00  | 5.00  | 12.78 % | 0.5320  | 0.6389  | 0.0175  | 0.0023  | 1.6211  | 10.81 % | 0.0776  |
| Furnas | 15.00  | 2.00  | 32.46 % | 0.5219  | 0.6492  | 0.0246  | 0.0029  | 3.9643  | 26.43 % | 0.1109  |
| Gage | 10.00  | 10.00  | 4.51 % | 0.4101  | 0.4513  | 0.0401  | 0.0051  | 4.7585  | 47.58 % | 0.0555  |
| Garden | 10.00  | 0.90  | 56.32 % | 0.4332  | 0.5046  | 0.0255  | 0.0034  | 4.9200  | 49.20 % | 0.0833  |
| Garfield | 10.00  | 10.00  | 1.29 % | 0.3930  | 0.1289  | 0.0354  | 0.0018  | 2.2087  | 22.09 % | 0.0247  |
| Gosper | 12.00  | 1.00  | 47.64 % | 0.2698  | 0.4764  | 0.0263  | 0.0041  | 2.0110  | 16.76 % | 0.0484  |
| Grant | 15.00  | 5.00  | 4.29 % | 0.0517  | 0.2143  | 0.0179  | 0.0028  | 0.3829  | 2.55 % | 0.0086  |
| Greeley | 10.00  | 10.00  | 2.21 % | 0.2605  | 0.2212  | 0.0201  | 0.0030  | 2.0767  | 20.77 % | 0.0309  |
| Hall | 10.00  | 10.00  | 7.63 % | 1.1511  | 0.7626  | 0.0403  | 0.0208  | 6.6923  | 66.92 % | 0.2473  |
| Hamilton | 15.00  | 1.00  | 22.82 % | 0.2577  | 0.2282  | 0.0302  | 0.0035  | 1.6546  | 11.03 % | 0.0460  |
| Harlan | 10.00  | 10.00  | 5.68 % | 1.0775  | 0.5683  | 0.0363  | 0.0014  | 4.1941  | 41.94 % | 0.1144  |
| Hayes | 5.00  | 1.00  | 33.71 % | 0.4253  | 0.3371  | 0.0228  | 0.0037  | 2.8686  | 57.37 % | 0.0639  |
| Hitchcock | 5.00  | 5.00  | 7.78 % | 0.5453  | 0.3892  | 0.0131  | 0.0018  | 4.8662  | 97.32 % | 0.0594  |
| Holt | 10.00  | 10.00  | 2.18 % | 0.1256  | 0.2179  | 0.0003  | 0.0005  | 2.1347  | 21.35 % | 0.0167  |
| Hooker | 15.00  | 5.00  | 1.50 % | 0.0828  | 0.0751  | 0.0174  | 0.0016  | 0.9022  | 6.01 % | 0.0064  |
| Howard | 60.00  | 4.00  | 21.92 % | 0.2486  | 0.8768  | 0.0258  | 0.0045  | 2.1138  | 3.52 % | 0.1341  |
| Jefferson | 10.00  | 10.00  | 16.02 % | 1.4564  | 1.6020  | 0.0425  | 0.0322  | 9.1422  | 91.42 % | 0.3325  |
| Johnson | 10.00  | 10.00  | 3.67 % | 0.6623  | 0.3671  | 0.0383  | 0.0023  | 6.1675  | 61.67 % | 0.1013  |
| Kearney | 60.00  | 4.00  | 18.30 % | 0.1862  | 0.7319  | 0.0253  | 0.0024  | 0.8163  | 1.36 % | 0.0918  |
| Keith | 3.00  | 3.00  | 7.96 % | 0.2963  | 0.2387  | 0.0176  | 0.0023  | 1.7503  | 58.34 % | 0.0447  |
| Keya Paha | 8.00  | 1.00  | 24.18 % | 0.5807  | 0.2418  | 0.0177  | 0.0025  | 2.9855  | 37.32 % | 0.0687  |
| Kimball | 10.00  | 10.00  | 0.30 % | 0.1737  | 0.0303  | 0.0357  | 0.0021  | 1.1243  | 11.24 % | 0.0106  |
| Knox | 5.00  | 1.00  | 0.00 % | 0.0000  | 0.0000  | 0.0000  | 0.0000  | 0.0000  | 0.00 % | 0.0000  |
| Lincoln | 10.00  | 10.00  | 11.08 % | 0.9284  | 1.1081  | 0.0302  | 0.0076  | 4.9051  | 49.05 % | 0.2313  |
| Logan | 10.00  | 10.00  | 53.68 % | 1.4919  | 5.3680  | 0.0236  | 0.0057  | 7.9702  | 79.70 % | 0.2230  |
| Loup | 5.00  | 3.00  | 6.28 % | 0.2325  | 0.1885  | 0.0179  | 0.0032  | 1.7190  | 34.38 % | 0.0311  |
| Madison | 5.00  | 5.00  | 7.27 % | 0.3454  | 0.3633  | 0.0327  | 0.0095  | 1.5832  | 31.66 % | 0.0843  |
| McPherson | 5.00  | 1.00  | 0.00 % | 0.0000  | 0.0000  | 0.0000  | 0.0000  | 0.0000  | 0.00 % | 0.0000  |
| Merrick | 10.00  | 10.00  | 9.85 % | 2.0613  | 0.9852  | 0.0200  | 0.0029  | 9.5717  | 95.72 % | 0.2198  |
| Morrill | 50.00  | 50.00  | 0.46 % | 0.2428  | 0.2324  | 0.0258  | 0.0038  | 3.7716  | 7.54 % | 0.0311  |
| Nance | 12.00  | 2.00  | 7.20 % | 0.2215  | 0.1440  | 0.0219  | 0.0017  | 1.7458  | 14.55 % | 0.0185  |
| Nemaha | 10.00  | 10.00  | 8.85 % | 1.0795  | 0.8852  | 0.0377  | 0.0032  | 9.8974  | 98.97 % | 0.1996  |
| Nuckolls | 12.00  | 1.00  | 5.32 % | 0.0547  | 0.0532  | 0.0216  | 0.0023  | 0.1123  | 0.94 % | 0.0060  |
| Otoe | 10.00  | 10.00  | 7.32 % | 0.6649  | 0.7316  | 0.0199  | 0.0050  | 3.5437  | 35.44 % | 0.1052  |
| Pawnee | 5.00  | 5.00  | 9.13 % | 0.5963  | 0.4564  | 0.0357  | 0.0017  | 2.8636  | 57.27 % | 0.0705  |
| Perkins | 5.00  | 1.00  | 31.00 % | 0.2293  | 0.3100  | 0.0356  | 0.0039  | 1.3624  | 27.25 % | 0.0353  |
| Phelps | 3.00  | 3.00  | 9.56 % | 0.4606  | 0.2869  | 0.2134  | 0.0027  | 1.3454  | 44.85 % | 0.0309  |
| Pierce | 12.00  | 1.00  | 21.01 % | 0.3295  | 0.2101  | 0.0287  | 0.0024  | 2.4173  | 20.14 % | 0.0357  |
| Platte | 10.00  | 10.00  | 5.30 % | 0.4478  | 0.5305  | 0.0326  | 0.0104  | 2.8777  | 28.78 % | 0.1303  |
| Polk | 10.00  | 10.00  | 0.78 % | 0.1492  | 0.0780  | 0.0381  | 0.0035  | 1.1512  | 11.51 % | 0.0138  |
| Red Willow | 5.00  | 5.00  | 13.37 % | 0.5828  | 0.6687  | 0.2096  | 0.0044  | 1.9057  | 38.11 % | 0.0578  |
| Richardson | 10.00  | 10.00  | 9.12 % | 0.7988  | 0.9122  | 0.0209  | 0.0030  | 3.4250  | 34.25 % | 0.2023  |
| Rock | 10.00  | 1.00  | 16.19 % | 0.1424  | 0.1619  | 0.0005  | 0.0018  | 3.0851  | 30.85 % | 0.0210  |
| Saline | 10.00  | 10.00  | 2.01 % | 0.1375  | 0.2007  | 0.0204  | 0.0049  | 1.1450  | 11.45 % | 0.0241  |
| Saunders | 10.00  | 10.00  | 64.92 % | 0.6765  | 6.4919  | 0.0261  | 0.0347  | 6.5512  | 65.51 % | 0.2740  |
| Scottsbluff | 10.00  | 10.00  | 3.28 % | 0.6402  | 0.3280  | 0.0257  | 0.0063  | 3.1387  | 31.39 % | 0.0787  |
| Seward | 10.00  | 10.00  | 6.39 % | 0.4283  | 0.6386  | 0.0276  | 0.0035  | 3.3007  | 33.01 % | 0.0970  |
| Sheridan | 5.00  | 5.00  | 41.07 % | 1.3127  | 2.0534  | 0.0368  | 0.0028  | 3.8281  | 76.56 % | 0.1961  |
| Sherman | 3.00  | 3.00  | 1.85 % | 0.1253  | 0.0556  | 0.0352  | 0.0017  | 1.5518  | 51.73 % | 0.0097  |
| Sioux | 7.00  | 2.00  | 24.52 % | 0.3207  | 0.4905  | 0.0225  | 0.0018  | 2.0860  | 29.80 % | 0.0647  |
| Stanton | 5.00  | 1.00  | 53.57 % | 0.6954  | 0.5357  | 0.0225  | 0.0016  | 4.8734  | 97.47 % | 0.1424  |
| Thayer | 10.00  | 10.00  | 0.36 % | 0.0883  | 0.0362  | 0.0160  | 0.0039  | 0.5109  | 5.11 % | 0.0096  |
| Thomas | 15.00  | 5.00  | 14.97 % | 0.5591  | 0.7487  | 0.0229  | 0.0032  | 4.4859  | 29.91 % | 0.0700  |
| Thurston | 10.00  | 1.00  | 22.17 % | 0.1513  | 0.2217  | 0.0022  | 0.0019  | 3.6729  | 36.73 % | 0.0212  |
| Valley | 3.00  | 3.00  | 22.03 % | 0.4085  | 0.6610  | 0.0383  | 0.0049  | 1.6093  | 53.64 % | 0.0651  |
| Washington | 5.00  | 5.00  | 10.08 % | 0.8187  | 0.5041  | 0.0198  | 0.0039  | 3.1600  | 63.20 % | 0.1160  |
| Wayne | 5.00  | 5.00  | 9.87 % | 0.1987  | 0.4934  | 0.0178  | 0.0015  | 1.3654  | 27.31 % | 0.0770  |
| Webster | 5.00  | 1.00  | 6.26 % | 0.1026  | 0.0626  | 0.0216  | 0.0022  | 1.0223  | 20.45 % | 0.0111  |
| Wheeler | 12.00  | 1.00  | 12.54 % | 0.1479  | 0.1254  | 0.0222  | 0.0015  | 2.8056  | 23.38 % | 0.0122  |
| York | 10.00  | 10.00  | 38.92 % | 0.3413  | 3.8918  | 0.0219  | 0.0041  | 1.9287  | 19.29 % | 0.1722  |
| Lancaster | 100 | 100 | Managed by Lincoln/Lancaster County - No Statistics are Available |
| Douglas | 100 | 100 | Managed by Douglas County - No Statistics are Available |
| Metro South | 100 | 100 | New Circuit - No Statistics are Available |