# 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 | | | | | |