Table A. Functional Classification Factors (SCDOT, 2015)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Functional Class | January | February | March | April | May | June | July | August | September | October | November | December |
| **2** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 |
| Seasonal Factor | 1.15 | 1.06 | 1.02 | 0.96 | 0.96 | 0.94 | 0.91 | 0.94 | 1.00 | 1.00 | 1.05 | 1.07 |
| **3** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 |
| Seasonal Factor | 1.07 | 1.04 | 0.97 | 0.97 | 0.97 | 1.01 | 0.96 | 0.95 | 1.01 | 1.02 | 1.00 | 0.99 |
| **4** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| Seasonal Factor | 1.05 | 1.01 | 0.97 | 0.93 | 0.93 | 0.97 | 0.96 | 0.94 | 0.98 | 1.01 | 1.00 | 1.01 |
| **5** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 |
| Seasonal Factor | 1.04 | 0.99 | 0.94 | 0.92 | 0.93 | 0.95 | 0.94 | 0.94 | 0.97 | 0.96 | 0.98 | 1.00 |
| **9** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Seasonal Factor | 1.04 | 0.99 | 0.94 | 0.92 | 0.93 | 0.95 | 0.94 | 0.94 | 0.97 | 0.96 | 0.98 | 1.00 |
| **12** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Seasonal Factor | 1.04 | 0.99 | 0.94 | 0.92 | 0.93 | 0.95 | 0.94 | 0.94 | 0.97 | 0.96 | 0.98 | 1.00 |
| **13** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 |
| Seasonal Factor | 0.98 | 0.92 | 0.91 | 0.89 | 0.93 | 0.92 | 0.96 | 0.92 | 0.95 | 0.93 | 0.96 | 1.00 |
| **14** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| Seasonal Factor | 1.01 | 0.95 | 0.95 | 0.94 | 1.00 | 0.99 | 1.04 | 0.95 | 0.95 | 0.94 | 0.95 | 0.99 |
| **15** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Seasonal Factor | 1.00 | 0.98 | 0.92 | 0.92 | 0.89 | 0.93 | 0.96 | 0.93 | 0.89 | 0.90 | 0.93 | 0.89 |
| **18** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Seasonal Factor | 1.04 | 0.99 | 0.94 | 0.92 | 0.93 | 0.95 | 0.94 | 0.94 | 0.97 | 0.96 | 0.98 | 1.00 |

Table A. Functional Classification Factors (SCDOT, 2016)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Functional Class | January | February | March | April | May | June | July | August | September | October | November | December |
| **2** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 |
| Seasonal Factor | 1.15 | 1.06 | 1.02 | 0.96 | 0.96 | 0.94 | 0.91 | 0.94 | 1.00 | 1.00 | 1.05 | 1.07 |
| **3** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 |
| Seasonal Factor | 1.07 | 1.04 | 0.97 | 0.97 | 0.97 | 1.01 | 0.96 | 0.95 | 1.01 | 1.02 | 1.00 | 0.99 |
| **4** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| Seasonal Factor | 1.05 | 1.01 | 0.97 | 0.93 | 0.93 | 0.97 | 0.96 | 0.94 | 0.98 | 1.01 | 1.00 | 1.01 |
| **5** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 |
| Seasonal Factor | 1.04 | 0.99 | 0.94 | 0.92 | 0.93 | 0.95 | 0.94 | 0.94 | 0.97 | 0.96 | 0.98 | 1.00 |
| **9** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 |
| Seasonal Factor | 1.04 | 0.99 | 0.94 | 0.92 | 0.93 | 0.95 | 0.94 | 0.94 | 0.97 | 0.96 | 0.98 | 1.00 |
| **12** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 |
| Seasonal Factor | 1.04 | 0.99 | 0.94 | 0.92 | 0.93 | 0.95 | 0.94 | 0.94 | 0.97 | 0.96 | 0.98 | 1.00 |
| **13** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 |
| Seasonal Factor | 0.98 | 0.92 | 0.91 | 0.89 | 0.93 | 0.92 | 0.96 | 0.92 | 0.95 | 0.93 | 0.96 | 1.00 |
| **14** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| Seasonal Factor | 1.01 | 0.95 | 0.95 | 0.94 | 1.00 | 0.99 | 1.04 | 0.95 | 0.95 | 0.94 | 0.95 | 0.99 |
| **15** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Seasonal Factor | 1.00 | 0.98 | 0.92 | 0.92 | 0.89 | 0.93 | 0.96 | 0.93 | 0.89 | 0.90 | 0.93 | 0.89 |
| **18** |  |  |  |  |  |  |  |  |  |  |  |  |
| Axle Factor | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Seasonal Factor | 1.04 | 0.99 | 0.94 | 0.92 | 0.93 | 0.95 | 0.94 | 0.94 | 0.97 | 0.96 | 0.98 | 1.00 |

Table A. Functional Classification Codes

|  |  |  |  |
| --- | --- | --- | --- |
| **SC Codes Rural** | | **SC Codes Urban** | |
| Rural-Principal Arterial other | 2 | Urban Principal Arterial - Other Freeways & Expressways | 12 |
| Rural-Minor Arterial | 3 | Urban Principal Arterial - Other | 13 |
| Rural Major Collector | 4 | Urban Minor Arterial | 14 |
| Rural Minor Collector | 5 | Urban Collector | 15 |
| Rural Local | 9 | Urban Local | 18 |