APPLICABLE FEDERAL RATES

| Short-Term AFR | Annual | Semi annual | Quarterly | Monthly | Long-Term AFR | Annual | Semi annual | Quarterly | Monthly |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| May 2018 | 2.18\% | 2,17\% | 2.16\% | 2.16\% | May 2018 | 2.94\% | 2.92\% | 2.91\% | 2.90\% |
| June 2018 | 2.34\% | 2.33\% | 2.32\% | 2.32\% | June 2018 | 3.05\% | 3.03\% | 3.02\% | 3.01\% |
| July 2018 | 2.38\% | 2.37\% | 2.36\% | 2.36\% | July 2018 | 3.06\% | 3.04\% | 3.03\% | 3.02\% |
| August 2018 | 2.42\% | 2.41\% | 2.40\% | 2.40\% | August 2018 | 2.95\% | 2.93\% | 2.92\% | 2.91\% |
| September 2018 | 2.51\% | 2.49\% | 2.48\% | 2.48\% | September 2018 | 3.02\% | 3.00\% | 2.99\% | 2.98\% |
| October 2018 | 2.55\% | 2.53\% | 2.52\% | 2.52\% | October 2018 | 2.99\% | 2.97\% | 2.96\% | 2.95\% |
| November 2018 | 2.70\% | 2.68\% | 2.67\% | 2.67\% | November 2018 | 3.22\% | 3.19\% | 3.18\% | 3.17\% |
| December 2018 | 2.76\% | 2.74\% | 2.73\% | 2.72\% | December 2018 | 3.31\% | 3.28\% | 3.27\% | 3.26\% |
| January 2019 | 2.72\% | 2.70\% | 2.69\% | 2.68\% | January 2019 | 3.15\% | 3.13\% | 3.12\% | 3.11\% |
| February 2019 | 2.57\% | 2.55\% | 2.54\% | 2.54\% | February 2019 | 2.91\% | 2.89\% | 2.88\% | 2.87\% |
| March 2019 | 2.55\% | 2.53\% | 2.52\% | 2.52\% | March 2019 | 2.91\% | 2.89\% | 2.88\% | 2.87\% |
| April 2019 | 2.52\% | 2.50\% | 2.49\% | 2.49\% | April 2019 | 2.89\% | 2.87\% | 2.86\% | 2.85\% |
| May 2019 | 2.39\% | 2.38\% | 2.37\% | 2.37\% | May 2019 | 2.74\% | 2.72\% | 2.71\% | 2.70\% |
| June 2019 | 2.37\% | 2.36\% | 2.35\% | 2.35\% | June 2019 | 2.76\% | 2.74\% | 2.73\% | 2.72\% |
| July 2019 | 2.13\% | 2.12\% | 2.11\% | 2.11\% | July 2019 | 2.50\% | 2.48\% | 2.47\% | 2.47\% |
| August 2019 | 1.91\% | 1.90\% | 1.90\% | 1.89\% | August 2019 | 2.33\% | 2.32\% | 2.31\% | 2.31\% |
| September 2019 | 1.85\% | 1.84\% | 1.84\% | 1.83\% | September 2019 | 2.21\% | 2.20\% | 2.19\% | 2.19\% |
| October 2019 | 1.69\% | 1.68\% | 1.68\% | 1.67\% | October 2019 | 1.86\% | 1.85\% | 1.85\% | 1.84\% |
| November 2019 | 1.68\% | 1.67\% | 1.67\% | 1.66\% | November 2019 | 1.94\% | 1.93\% | 1.93\% | 1.92\% |
| December 2019 | 1.61\% | 1.60\% | 1.60\% | 1.59\% | December 2019 | 2.09\% | 2.08\% | 2.07\% | 2.07\% |
| Mid-Term AFR | Annual | Semi annual | Quarterly | Monthly | Section 7520 Rates |  |  |  |  |
| May 2018 | 2.69\% | 2.67\% | 2.66\% | 2.66\% | May 2018 | 3.20\% |  |  |  |
| June 2018 | 2.86\% | 2.84\% | 2.83\% | 2.82\% | June 2018 | 3.40\% |  |  |  |
| July 2018 | 2.87\% | 2.85\% | 2.84\% | 2.83\% | July 2018 | 3.40\% |  |  |  |
| August 2018 | 2.80\% | 2.78\% | 2.77\% | 2.76\% | August 2018 | 3.40\% |  |  |  |
| September 2018 | 2.86\% | 2.84\% | 2.83\% | 2.82\% | September 2018 | 3.40\% |  |  |  |
| October 2018 | 2.83\% | 2.81\% | 2.80\% | 2.79\% | October 2018 | 3.40\% |  |  |  |
| November 2018 | 3.04\% | 3.02\% | 3.01\% | 3.00\% | November 2018 | 3.60\% |  |  |  |
| December 2018 | 3.07\% | 3.05\% | 3.04\% | 3.03\% | December 2018 | 3.60\% |  |  |  |
| January 2019 | 2.89\% | 2.87\% | 2.86\% | 2.85\% | January 2019 | 3.40\% |  |  |  |
| February 2019 | 2.63\% | 2.61\% | 2.60\% | 2.60\% | February 2019 | 3.20\% |  |  |  |
| March 2019 | 2.59\% | 2.57\% | 2.56\% | 2.56\% | March 2019 | 3.20\% |  |  |  |
| April 2019 | 2.55\% | 2.53\% | 2.52\% | 2.52\% | April 2019 | 3.00\% |  |  |  |
| May 2019 | 2.37\% | 2.36\% | 2.35\% | 2.35\% | May 2019 | 2.80\% |  |  |  |
| June 2019 | 2.38\% | 2.37\% | 2.36\% | 2.36\% | June 2019 | 2.80\% |  |  |  |
| July 2019 | 2.08\% | 2.07\% | 2.06\% | 2.06\% | July 2019 | 2.60\% |  |  |  |
| August 2019 | 1.87\% | 1.86\% | 1.86\% | 1.85\% | August 2019 | 2.20\% |  |  |  |
| September 2019 | 1.78\% | 1.77\% | 1.77\% | 1.76\% | September 2019 | 2.20\% |  |  |  |
| October 2019 | 1.51\% | 1.50\% | 1.50\% | 1.50\% | October 2019 | 1.80\% |  |  |  |
| November 2019 | 1.59\% | 1.58\% | 1.58\% | 1.57\% | November 2019 | 2.00\% |  |  |  |
| December 2019 | 1.69\% | 1.68\% | 1.68\% | 1.67\% | December 2019 | 2.00\% |  |  |  |



