

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 12/31/99 | 4.230 | 5.823 | 6.001 | 6.000 | 6.240 | 6.440 | 6.666 | 6.780 | 7.020 | 7.180 | 7.270 | 5.760 | 6.190 | 6.520 |
| 12/24/99 | 4.990 | 6.490 | 6.184 | 6.150 | 6.340 | 6.450 | 6.680 | 6.800 | 7.040 | 7.210 | 7.270 | 5.750 | 6.250 | 6.590 |
| 12/17/99 | 5.660 | 6.463 | 6.153 | 6.040 | 6.240 | 6.340 | 6.560 | 6.670 | 6.870 | 7.020 | 7.110 | 5.730 | 6.170 | 6.480 |
| 12/10/99 | 5.760 | 6.463 | 6.121 | 5.890 | 6.090 | 6.140 | 6.350 | 6.470 | 6.680 | 6.830 | 6.930 | 5.520 | 5.920 | 6.260 |
| 12/03/99 | 5.640 | 6.479 | 6.124 | 5.930 | 6.110 | 6.200 | 6.390 | 6.520 | 6.740 | 6.930 | 7.000 | 5.540 | 5.990 | 6.350 |
| 11/26/99 | 5.950 | 5.608 | 6.106 | 5.830 | 6.030 | 6.140 | 6.280 | 6.500 | 6.700 | 6.890 | 6.930 | 5.510 | 5.970 | 6.290 |
| 11/19/99 | 5.650 | 5.593 | 6.104 | 5.770 | 5.980 | 6.040 | 6.290 | 6.400 | 6.610 | 6.790 | 6.860 | 5.470 | 5.920 | 6.240 |
| 11/12/99 | 5.660 | 5.444 | 6.071 | 5.750 | 5.940 | 6.01 | 6.190 | 6.34 | 6.610 | 6.690 | 6.780 | 5.410 | 5.850 | 6.200 |
| 11/05/99 | 5.390 | 5.404 | 6.125 | 5.760 | 6.000 | 5.960 | 6.130 | 6.300 | 6.490 | 6.650 | 6.740 | 5.340 | 5.820 | 6.160 |
| 10/29/99 | 5.510 | 5.409 | 6.185 | 5.800 | 6.030 | 6.080 | 6.260 | 6.410 | 6.640 | 6.820 | 6.930 | 5.480 | 5.930 | 6.290 |
| 10/22/99 | 5.370 | 5.410 | 6.219 | 5.800 | 6.040 | 6.130 | 6.390 | 6.560 | 6.800 | 6.960 | 7.060 | 5.560 | 6.050 | 6.400 |
| 10/15/99 | 5.540 | 5.409 | 6.193 | 5.820 | 6.040 | 6.140 | 6.430 | 6.600 | 6.860 | 7.010 | 7.120 | 5.610 | 6.080 | 6.420 |
| 10/08/99 | 5.370 | 5.409 | 6.176 | 5.840 | 6.050 | 6.08 | 6.34 | 6.490 | 6.71 | 6.86 | 6.950 | 5.510 | 5.990 | 6.350 |
| 10/01/99 | 5.850 | 5.401 | 6.085 | 5.860 | 5.930 | 5.990 | 6.250 | 6.400 | 6.640 | 6.820 | 6.940 | 5.490 | 5.950 | 6.320 |
| 09/24/99 | 5.470 | 5.800 | 5.510 | 5.430 | 5.910 | 5.860 | 6.090 | 6.250 | 6.460 | 6.630 | 6.750 | 5.320 | 5.780 | 6.140 |
| 09/17/99 | 5.830 | 5.381 | 5.513 | 5.470 | 5.940 | 5.910 | 6.140 | 6.300 | 6.510 | 6.680 | 6.820 | 5.290 | 5.770 | 6.170 |
| 09/10/99 | 5.350 | 5.380 | 5.513 | 5.520 | 5.940 | 6.030 | 6.340 | 6.530 | 6.740 | 6.940 | 7.050 | 5.260 | 5.800 | 6.200 |
| 09/03/99 | 5.340 | 5.381 | 5.528 | 5.520 | 5.910 | 6.040 | 6.360 | 6.550 | 6.790 | 6.970 | 7.100 | 5.220 | 5.810 | 6.210 |
| 08/27/99 | 5.450 | 5.371 | 5.503 | 5.490 | 5.850 | 6.040 | 6.320 | 6.490 | 6.650 | 6.840 | 6.950 | 5.250 | 5.740 | 6.100 |
| 08/20/99 | 5.160 | 5.325 | 5.480 | 5.470 | 5.850 | 6.000 | 6.350 | 6.550 | 6.750 | 6.900 | 7.070 | 5.260 | 5.780 | 6.160 |
| 08/13/99 | 5.220 | 5.276 | 5.465 | 5.450 | 5.890 | 6.050 | 6.470 | 6.660 | 6.890 | 7.090 | 7.190 | 5.310 | 5.900 | 6.310 |
| 08/06/99 | 5.150 | 5.209 | 5.370 | 5.400 | 5.810 | 6.020 | 6.430 | 6.630 | 6.880 | 7.060 | 7.220 | 5.210 | 5.850 | 6.280 |
| 07/30/99 | 5.360 | 5.194 | 5.343 | 5.230 | 5.690 | 5.920 | 6.330 | 6.510 | 6.750 | 6.930 | 7.070 | 5.240 | 5.810 | 6.170 |
| 07/23/99 | 5.230 | 5.176 | 5.310 | 5.290 | 5.570 | 5.860 | 6.250 | 6.420 | 6.630 | 6.840 | 6.990 | 5.140 | 5.670 | 6.050 |
| 07/16/99 | 5.130 | 5.180 | 5.310 | 5.280 | 5.640 | 5.750 | 6.080 | 6.260 | 6.440 | 6.630 | 6.730 | 5.030 | 5.530 | 5.890 |
| 07/09/99 | 5.130 | 5.183 | 5.310 | 5.290 | 5.650 | 5.770 | 6.110 | 6.290 | 6.500 | 6.700 | 6.850 | 5.110 | 5.620 | 5.980 |
| 07/02/99 | 5.080 | 5.184 | 5.310 | 5.320 | 5.570 | 5.750 | 6.130 | 6.320 | 6.510 | 6.750 | 6.890 | 5.140 | 5.650 | 6.000 |
| 06/25/99 | 5.160 | 5.168 | 5.293 | 5.300 | 5.470 | 5.850 | 6.240 | 6.450 | 6.690 | 6.910 | 7.060 | 5.150 | 5.730 | 6.130 |
| 06/18/99 | 4.890 | 5.028 | 5.165 | 5.200 | 5.380 | 5.650 | 6.010 | 6.330 | 6.460 | 6.690 | 6.790 | 5.020 | 5.570 | 5.950 |
| 06/11/99 | 4.980 | 4.891 | 5.144 | 5.170 | 5.350 | 5.690 | 6.180 | 6.360 | 6.650 | 6.790 | 6.970 | 5.220 | 5.750 | 6.090 |
| 06/04/99 | 4.880 | 4.950 | 5.098 | 5.140 | 5.290 | 5.610 | 6.010 | 6.190 | 6.460 | 6.630 | 6.760 | 5.070 | 5.590 | 5.930 |
| 05/28/99 | 5.090 | 4.944 | 5.066 | 5.050 | 5.190 | 5.540 | 5.990 | 6.160 | 6.410 | 6.560 | 6.660 | 5.050 | 5.530 | 5.850 |
| 05/21/99 | 4.880 | 4.923 | 5.049 | 5.010 | 5.160 | 5.430 | 5.780 | 5.940 | 6.150 | 6.340 | 6.510 | 4.910 | 5.360 | 5.680 |
| 05/14/99 | 4.990 | 4.900 | 5.000 | 4.960 | 5.080 | 5.320 | 5.730 | 5.880 | 6.110 | 6.300 | 6.460 | 4.900 | 5.310 | 5.640 |
| 05/07/99 | 4.890 | 4.903 | 5.000 | 4.960 | 5.070 | 5.300 | 5.710 | 5.860 | 6.080 | 6.260 | 6.440 | 4.780 | 5.210 | 5.510 |
| 04/30/99 | 5.210 | 4.903 | 4.989 | 4.930 | 5.040 | 5.220 | 5.510 | 5.640 | 5.850 | 6.010 | 6.170 | 4.680 | 5.080 | 5.380 |
| 04/23/99 | 4.780 | 4.913 | 4.998 | 4.920 | 5.030 | 5.210 | 5.540 | 5.670 | 5.850 | 6.000 | 6.150 | 4.640 | 5.050 | 5.360 |
| 04/16/99 | 4.870 | 4.928 | 5.000 | 4.940 | 5.040 | 5.190 | 5.500 | 5.610 | 5.810 | 5.970 | 6.120 | 4.620 | 5.020 | 5.330 |
| 04/09/99 | 4.890 | 4.929 | 5.000 | 4.940 | 5.040 | 5.170 | 5.400 | 5.510 | 5.660 | 5.810 | 5.960 | 4.520 | 4.900 | 5.180 |
| 04/02/99 | 5.030 | 4.938 | 5.000 | 5.000 | 5.090 | 5.220 | 5.520 | 5.650 | 5.880 | 6.080 | 6.270 | 4.630 | 5.050 | 5.370 |
| 03/26/99 | 5.020 | 4.940 | 5.000 | 4.970 | 5.070 | 5.240 | 5.540 | 5.660 | 5.840 | 6.000 | 6.160 | 4.640 | 5.030 | 5.330 |
| 03/19/99 | 4.890 | 4.934 | 5.000 | 4.970 | 5.070 | 5.230 | 5.520 | 5.640 | 5.780 | 5.930 | 6.060 | 4.610 | 4.990 | 5.270 |
| 03/12/99 | 4.950 | 4.939 | 5.000 | 4.980 | 5.080 | 5.310 | 5.580 | 5.720 | 5.850 | 6.020 | 6.140 | 4.590 | 5.030 | 5.340 |
| 03/05/99 | 4.980 | 4.965 | 5.030 | 5.030 | 5.140 | 5.300 | 5.620 | 5.750 | 5.940 | 6.110 | 6.210 | 4.670 | 5.060 | 5.350 |
| 02/26/99 | 5.070 | 4.963 | 5.026 | 5.030 | 5.120 | 5.300 | 5.650 | 5.680 | 5.940 | 6.110 | 6.190 | 4.690 | 5.090 | 5.380 |
| 02/19/99 | 4.840 | 4.937 | 5.000 | 4.970 | 5.050 | 5.220 | 5.490 | 5.580 | 5.730 | 5.910 | 6.010 | 4.580 | 4.920 | 5.240 |
| 02/12/99 | 4.860 | 4.936 | 5.000 | 5.000 | 5.050 | 5.170 | 5.440 | 5.520 | 5.670 | 5.850 | 5.920 | 4.550 | 4.900 | 5.140 |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 02/05/99 | 4.940 | 4.937 | 4.983 | 4.970 | 5.020 | 5.140 | 5.370 | 5.440 | 5.590 | 5.760 | 5.880 | 4.530 | 4.850 | 5.130 |
| 01/29/99 | 5.010 | 4.939 | 4.970 | 4.940 | 4.980 | 5.060 | 5.270 | 5.330 | 5.450 | 5.600 | 5.700 | 4.310 | 4.630 | 4.910 |
| 01/22/99 | 4.760 | 4.940 | 4.968 | 4.900 | 4.920 | 4.980 | 5.180 | 5.260 | 5.370 | 5.530 | 5.650 | 4.230 | 4.550 | 4.850 |
| 01/15/99 | 4.960 | 5.000 | 5.005 | 4.950 | 4.950 | 5.000 | 5.160 | 5.260 | 5.390 | 5.600 | 5.730 | 4.260 | 4.600 | 4.900 |
| 01/08/99 | 4.850 | 5.000 | 5.038 | 4.960 | 4.980 | 5.020 | 5.350 | 5.380 | 5.570 | 5.690 | 5.840 | 4.390 | 4.770 | 5.050 |
| 01/01/99 | 4.880 | 5.064 | 5.066 | 5.030 | 5.000 | 4.970 | 5.270 | 5.270 | 5.420 | 5.560 | 5.620 | 4.260 | 4.620 | 4.890 |
| 12/25/98 | 4.850 | 5.629 | 5.284 | 5.230 | 5.120 | 5.100 | 5.430 | 5.470 | 5.600 | 5.710 | 5.860 | 4.450 | 4.770 | 5.100 |
| 12/18/98 | 4.900 | 5.569 | 5.234 | 5.210 | 5.070 | 5.000 | 5.160 | 5.260 | 5.360 | 5.500 | 5.630 | 4.160 | 4.520 | 4.830 |
| 12/11/98 | 5.060 | 5.535 | 5.221 | 5.190 | 5.080 | 4.990 | 5.120 | 5.180 | 5.320 | 5.460 | 5.570 | 4.140 | 4.490 | 4.780 |
| 12/04/98 | 4.700 | 5.560 | 5.218 | 5.230 | 5.120 | 5.000 | 5.160 | 5.280 | 5.370 | 5.520 | 5.660 | 4.290 | 4.570 | 4.890 |
| 11/27/98 | 5.240 | 5.547 | 5.261 | 5.220 | 5.140 | 5.060 | 5.280 | 5.280 | 5.430 | 5.520 | 5.760 | 4.400 | 4.740 | 5.000 |
| 11/20/98 | 4.700 | 5.160 | 5.080 | 5.049 | 5.250 | 5.030 | 5.250 | 5.290 | 5.430 | 5.560 | 5.780 | 4.380 | 4.700 | 4.970 |
| 11/13/98 | 5.280 | 5.274 | 5.402 | 5.300 | 5.150 | 5.020 | 5.200 | 5.310 | 5.450 | 5.680 | 5.850 | 4.310 | 4.660 | 4.960 |
| 11/06/98 | 5.060 | 5.284 | 5.384 | 5.270 | 5.150 | 5.020 | 5.200 | 5.320 | 5.420 | 5.670 | 5.840 | 4.320 | 4.720 | 5.020 |
| 10/30/98 | 5.800 | 5.239 | 5.220 | 5.190 | 5.090 | 4.790 | 4.850 | 4.950 | 5.110 | 5.400 | 5.570 | 4.070 | 4.400 | 4.740 |
| 10/23/98 | 5.090 | 5.220 | 5.209 | 5.030 | 4.890 | 4.700 | 4.900 | 5.030 | 5.220 | 5.520 | 5.630 | 4.240 | 4.560 | 4.870 |
| 10/16/98 | 5.140 | 5.227 | 5.219 | 5.010 | 4.840 | 4.680 | 4.750 | 4.940 | 5.080 | 5.350 | 5.490 | 4.100 | 4.420 | 4.740 |
| 10/09/98 | 5.210 | 5.406 | 5.344 | 5.310 | 5.140 | 4.930 | 5.010 | 5.230 | 5.520 | 5.870 | 6.000 | 4.240 | 4.680 | 4.990 |
| 10/02/98 | 5.550 | 5.375 | 5.313 | 5.320 | 5.190 | 5.040 | 4.860 | 4.920 | 4.980 | 5.130 | 5.310 | | | |
| 09/25/98 | 5.840 | 5.387 | 5.313 | 5.330 | 5.250 | 5.110 | 5.050 | 5.140 | 5.190 | 5.320 | 5.480 | | | |
| 09/18/98 | 5.560 | 5.586 | 5.500 | 5.530 | 5.460 | 5.370 | 5.310 | 5.390 | 5.390 | 5.510 | 5.680 | | | |
| 09/11/98 | 5.700 | 5.590 | 5.500 | 5.540 | 5.480 | 5.320 | 5.250 | 5.320 | 5.380 | 5.480 | 5.610 | | | |
| 09/04/98 | 5.660 | 5.625 | 5.594 | 5.590 | 5.610 | 5.610 | 5.550 | 5.580 | 5.710 | 5.820 | 5.910 | | | |
| 08/28/98 | 5.710 | 5.645 | 5.625 | 5.660 | 5.670 | 5.650 | 5.590 | 5.610 | 5.760 | 5.910 | 6.010 | | | |
| 08/21/98 | 5.690 | 5.648 | 5.688 | 5.680 | 5.740 | 5.720 | 5.780 | 5.830 | 5.880 | 5.990 | 6.140 | | | |
| 08/14/98 | 5.730 | 5.645 | 5.688 | 5.680 | 5.750 | 5.750 | 5.890 | 5.880 | 6.020 | 6.100 | 6.190 | | | |
| 08/07/98 | 5.650 | 5.652 | 5.688 | 5.670 | 5.740 | 5.750 | 5.820 | 5.860 | 5.960 | 6.070 | 6.140 | | | |
| 07/31/98 | 5.880 | 5.656 | 5.688 | 5.690 | 5.770 | 5.790 | 5.950 | 5.970 | 6.090 | 6.160 | 6.230 | | | |
| 07/24/98 | 5.720 | 5.656 | 5.688 | 5.690 | 5.760 | 5.790 | 5.920 | 5.950 | 6.030 | 6.090 | 6.150 | | | |
| 07/17/98 | 5.640 | 5.656 | 5.688 | 5.680 | 5.760 | 5.790 | 5.880 | 5.950 | 6.020 | 6.130 | 6.180 | | | |
| 07/10/98 | 5.640 | 5.656 | 5.688 | 5.670 | 5.760 | 5.750 | 5.860 | 5.910 | 5.960 | 6.060 | 6.110 | | | |
| 07/03/98 | 5.660 | 5.650 | 5.688 | 5.660 | 5.720 | 5.780 | 5.850 | 5.910 | 5.960 | 6.030 | 6.100 | | | |
| 06/26/98 | 5.800 | 5.688 | 5.688 | 5.670 | 5.750 | 5.800 | 5.960 | 6.010 | 6.060 | 6.090 | 6.170 | | | |
| 06/19/98 | 5.580 | 5.656 | 5.688 | 5.660 | 5.740 | 5.810 | 5.980 | 6.020 | 6.080 | 6.140 | 6.220 | | | |
| 06/12/98 | 5.790 | 5.656 | 5.688 | 5.650 | 5.740 | 5.810 | 5.890 | 5.930 | 6.000 | 6.040 | 6.140 | | | |
| 06/05/98 | 5.620 | 5.656 | 5.688 | 5.670 | 5.760 | 5.870 | 6.010 | 6.050 | 6.130 | 6.160 | 6.270 | | | |
| 05/29/98 | 5.900 | 5.656 | 5.688 | 5.660 | 5.750 | 5.850 | 5.980 | 6.010 | 6.060 | 6.140 | 6.220 | | | |
| 05/22/98 | 5.600 | 5.648 | 5.691 | 5.660 | 5.770 | 5.860 | 6.050 | 6.080 | 6.150 | 6.230 | 6.300 | | | |
| 05/15/98 | 5.970 | 5.656 | 5.699 | 5.670 | 5.770 | 5.890 | 6.000 | 6.090 | 6.130 | 6.250 | 6.320 | | | |
| 05/08/98 | 5.680 | 5.652 | 5.688 | 5.660 | 5.760 | 5.870 | 6.010 | 6.070 | 6.140 | 6.250 | 6.340 | | | |
| 05/01/98 | 5.700 | 5.656 | 5.691 | 5.650 | 5.750 | 5.830 | 5.970 | 6.030 | 6.110 | 6.230 | 6.310 | | | |
| 04/24/98 | 5.700 | 5.656 | 5.688 | 5.650 | 5.740 | 5.820 | 6.020 | 6.070 | 6.150 | 6.250 | 6.330 | | | |
| 04/17/98 | 5.590 | 5.656 | 5.688 | 5.630 | 5.700 | 5.780 | 5.900 | 5.940 | 6.010 | 6.120 | 6.190 | | | |
| 04/10/98 | 5.610 | 5.656 | 5.656 | 5.630 | 5.690 | 5.740 | 5.920 | 5.960 | 6.040 | 6.160 | 6.230 | | | |
| 04/03/98 | 5.620 | 5.656 | 5.688 | 5.630 | 5.690 | 5.720 | 5.790 | 5.830 | 5.910 | 6.040 | 6.100 | | | |
| 03/27/98 | 5.700 | 5.688 | 5.688 | 5.700 | 5.750 | 5.810 | 5.990 | 6.040 | 6.100 | 6.210 | 6.260 | | | |
| 03/20/98 | 5.670 | 5.688 | 5.688 | 5.685 | 5.725 | 5.780 | 5.920 | 5.970 | 6.040 | 6.155 | 6.215 | | | |

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1/04/80 through 12/31/99

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|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 03/13/98 | 5.640 | 5.688 | 5.688 | 5.670 | 5.700 | 5.750 | 5.850 | 5.900 | 5.980 | 6.100 | 6.170 | | | |
| 03/06/98 | 5.735 | 5.688 | 5.684 | 5.685 | 5.720 | 5.775 | 5.885 | 5.935 | 6.020 | 6.155 | 6.215 | | | |
| 02/27/98 | 5.830 | 5.688 | 5.680 | 5.700 | 5.740 | 5.800 | 5.920 | 5.970 | 6.060 | 6.210 | 6.260 | | | |
| 02/20/98 | 5.620 | 5.625 | 5.625 | 5.640 | 5.660 | 5.690 | 5.760 | 5.790 | 5.900 | 6.060 | 6.110 | | | |
| 02/13/98 | 5.660 | 5.625 | 5.625 | 5.620 | 5.650 | 5.670 | 5.730 | 5.770 | 5.870 | 6.010 | 6.100 | | | |
| 02/06/98 | 5.600 | 5.625 | 5.625 | 5.620 | 5.630 | 5.670 | 5.760 | 5.830 | 5.930 | 6.080 | 6.170 | | | |
| 01/30/98 | 5.810 | 5.598 | 5.625 | 5.630 | 5.650 | 5.690 | 5.720 | 5.790 | 5.710 | 6.020 | 5.960 | | | |
| 01/23/98 | 5.630 | 5.605 | 5.625 | 5.620 | 5.630 | 5.680 | 5.750 | 5.790 | 5.890 | 6.090 | 6.190 | | | |
| 01/16/98 | 5.590 | 5.617 | 5.625 | 5.610 | 5.630 | 5.690 | 5.750 | 5.780 | 5.860 | 6.030 | 6.110 | | | |
| 01/09/98 | 5.620 | 5.598 | 5.656 | 5.600 | 5.620 | 5.650 | 5.740 | 5.780 | 5.820 | 6.000 | 6.080 | | | |
| 01/02/98 | 6.250 | 5.719 | 5.809 | 5.750 | 5.850 | 5.950 | 6.060 | 6.090 | 6.150 | 6.270 | 6.310 | | | |
| 12/26/97 | 5.470 | 6.000 | 5.906 | 5.890 | 5.930 | 5.960 | 6.120 | 6.140 | 6.180 | 6.270 | 6.330 | | | |
| 12/19/97 | 5.850 | 5.969 | 5.906 | 5.870 | 5.900 | 5.790 | 5.900 | 6.080 | 6.150 | 6.230 | 6.300 | | | |
| 12/12/97 | 5.690 | 5.965 | 5.906 | 5.870 | 5.930 | 5.790 | 5.900 | 6.090 | 6.200 | 6.290 | 6.350 | | | |
| 12/05/97 | 5.680 | 5.969 | 5.906 | 5.890 | 5.970 | 6.020 | 6.170 | 6.220 | 6.330 | 6.430 | 6.500 | | | |
| 11/28/97 | 5.770 | 5.969 | 5.902 | 5.870 | 5.930 | 6.000 | 6.200 | 6.240 | 6.330 | 6.410 | 6.480 | | | |
| 11/21/97 | 5.830 | 5.688 | 5.875 | 5.820 | 5.900 | 5.850 | 5.990 | 6.040 | 6.140 | 6.400 | 6.480 | | | |
| 11/14/97 | 5.740 | 5.688 | 5.875 | 5.740 | 5.770 | 5.860 | 5.970 | 6.080 | 6.170 | 6.250 | 6.380 | | | |
| 11/07/97 | 5.800 | 5.656 | 5.762 | 5.750 | 5.850 | 5.970 | 6.150 | 6.260 | 6.310 | 6.490 | 6.580 | | | |
| 10/31/97 | 5.750 | 5.648 | 5.750 | 5.750 | 5.820 | 5.920 | 6.050 | 6.160 | 6.240 | 6.400 | 6.500 | | | |
| 10/24/97 | 5.780 | 5.656 | 5.813 | 5.670 | 5.770 | 5.870 | 6.020 | 6.260 | 6.370 | 6.530 | 6.610 | | | |
| 10/17/97 | 5.730 | 5.625 | 5.781 | 5.620 | 5.730 | 5.840 | 6.260 | 6.370 | 6.490 | 6.650 | 6.750 | | | |
| 10/10/97 | 5.650 | 5.625 | 5.750 | 5.800 | 5.800 | 5.880 | 5.960 | 6.220 | 6.320 | 6.460 | 6.640 | | | |
| 10/03/97 | 5.720 | 5.648 | 5.750 | 5.750 | 5.810 | 5.850 | 6.020 | 6.080 | 6.190 | 6.330 | 6.430 | | | |
| 09/26/97 | 5.810 | 5.656 | 5.719 | 5.790 | 5.870 | 5.950 | 6.170 | 6.280 | 6.420 | 6.540 | 6.650 | | | |
| 09/19/97 | 5.710 | 5.656 | 5.719 | 5.780 | 5.840 | 5.920 | 6.190 | 6.280 | 6.440 | 6.570 | 6.670 | | | |
| 09/12/97 | 5.750 | 5.656 | 5.719 | 5.770 | 5.730 | 5.810 | 6.120 | 6.410 | 6.420 | 6.750 | 6.860 | | | |
| 09/05/97 | 5.700 | 5.656 | 5.719 | 5.790 | 5.730 | 5.820 | 6.130 | 6.440 | 6.470 | 6.780 | 6.900 | | | |
| 08/29/97 | 5.830 | 5.656 | 5.710 | 5.810 | 5.740 | 5.820 | 6.140 | 6.470 | 6.460 | 6.770 | 6.890 | | | |
| 08/22/97 | 5.700 | 5.719 | 5.625 | 5.780 | 5.870 | 5.940 | 6.290 | 6.460 | 6.520 | 6.810 | 6.930 | | | |
| 08/15/97 | 5.850 | 5.645 | 5.738 | 5.810 | 5.890 | 5.950 | 6.220 | 6.380 | 6.530 | 6.720 | 6.820 | | | |
| 08/08/97 | 5.690 | 5.633 | 5.719 | 5.790 | 5.890 | 6.000 | 6.340 | 6.520 | 6.630 | 6.790 | 6.890 | | | |
| 08/01/97 | 6.150 | 5.625 | 5.688 | 5.720 | 5.830 | 5.900 | 6.220 | 6.370 | 6.490 | 6.590 | 6.700 | | | |
| 07/25/97 | 5.770 | 5.648 | 5.719 | 5.730 | 5.820 | 5.890 | 6.200 | 6.300 | 6.460 | 6.570 | 6.680 | | | |
| 07/18/97 | 5.700 | 5.664 | 5.746 | 5.740 | 5.850 | 5.920 | 6.250 | 6.360 | 6.540 | 6.660 | 6.760 | | | |
| 07/11/97 | 5.650 | 5.680 | 5.750 | 5.730 | 5.820 | 5.910 | 6.220 | 6.350 | 6.500 | 6.650 | 6.760 | | | |
| 07/03/97 | 5.740 | 5.688 | 5.781 | 5.790 | 5.870 | 5.950 | 6.260 | 6.400 | 6.560 | 6.710 | 6.820 | | | |
| 06/27/97 | 5.750 | 5.688 | 5.781 | 5.800 | 5.880 | 5.860 | 6.190 | 6.350 | 6.720 | 6.890 | 6.980 | | | |
| 06/20/97 | 5.580 | 5.688 | 5.781 | 5.810 | 5.910 | 6.020 | 6.330 | 6.490 | 6.660 | 6.810 | 6.890 | | | |
| 06/13/97 | 5.730 | 5.688 | 5.781 | 5.810 | 5.910 | 6.000 | 6.310 | 6.470 | 6.650 | 6.820 | 6.910 | | | |
| 06/06/97 | 5.630 | 5.688 | 5.813 | 5.870 | 5.980 | 6.100 | 6.470 | 6.640 | 6.820 | 6.940 | 7.070 | | | |
| 05/30/97 | 5.840 | 5.688 | 5.813 | 5.830 | 5.980 | 6.140 | 6.530 | 6.700 | 6.900 | 7.050 | 7.190 | | | |
| 05/23/97 | 5.570 | 5.805 | 5.688 | 5.800 | 5.970 | 6.160 | 6.570 | 6.730 | 6.950 | 7.100 | 7.260 | | | |
| 05/16/97 | 5.630 | 5.688 | 5.816 | 5.920 | 6.070 | 6.220 | 6.580 | 6.750 | 6.910 | 7.050 | 7.210 | | | |
| 05/09/97 | 5.660 | 5.688 | 5.813 | 5.910 | 6.060 | 6.210 | 6.560 | 6.740 | 6.900 | 7.050 | 7.210 | | | |
| 05/02/97 | 5.680 | 5.688 | 5.820 | 5.920 | 6.120 | 6.230 | 6.600 | 6.790 | 6.940 | 7.110 | 7.250 | | | |
| 04/25/97 | 5.690 | 5.688 | 5.852 | 5.910 | 6.120 | 6.380 | 6.840 | 7.000 | 7.190 | 7.350 | 7.460 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 04/18/97 | 5.600 | 5.688 | 5.836 | 5.850 | 6.070 | 6.260 | 6.770 | 6.900 | 7.110 | 7.260 | 7.370 | | | |
| 04/11/97 | 5.630 | 5.688 | 5.816 | 5.930 | 6.120 | 6.190 | 6.660 | 6.820 | 7.230 | 7.400 | 7.520 | | | |
| 04/04/97 | 5.750 | 5.688 | 5.813 | 5.920 | 6.040 | 6.310 | 6.740 | 6.910 | 7.130 | 7.330 | 7.440 | | | |
| 03/28/97 | 5.660 | 5.688 | 5.773 | 5.910 | 6.040 | 6.310 | 6.780 | 6.920 | 7.140 | 7.320 | 7.440 | | | |
| 03/21/97 | 5.500 | 5.625 | 5.719 | 5.840 | 5.970 | 6.210 | 6.620 | 6.770 | 6.980 | 7.120 | 7.260 | | | |
| 03/14/97 | 5.340 | 5.438 | 5.598 | 5.670 | 5.810 | 6.050 | 6.470 | 6.660 | 6.900 | 6.960 | 7.210 | | | |
| 03/07/97 | 5.390 | 5.438 | 5.563 | 5.670 | 5.770 | 6.030 | 6.430 | 6.580 | 6.800 | 6.970 | 7.110 | | | |
| 02/28/97 | 5.770 | 5.438 | 5.539 | 5.640 | 5.730 | 6.000 | 6.400 | 6.540 | 6.770 | 6.910 | 7.060 | | | |
| 02/21/97 | 5.270 | 5.375 | 5.473 | 5.530 | 5.610 | 5.800 | 6.180 | 6.310 | 6.540 | 6.730 | 6.880 | | | |
| 02/14/97 | 5.300 | 5.423 | 5.496 | 5.550 | 5.630 | 5.780 | 6.110 | 6.250 | 6.450 | 6.620 | 6.800 | | | |
| 02/07/97 | 5.438 | 5.438 | 5.543 | 5.590 | 5.660 | 5.800 | 6.140 | 6.320 | 6.520 | 6.710 | 6.880 | | | |
| 01/31/97 | 5.590 | 5.438 | 5.563 | 5.650 | 5.720 | 5.920 | 6.240 | 6.410 | 6.670 | 6.850 | 7.030 | | | |
| 01/24/97 | 5.340 | 5.438 | 5.563 | 5.630 | 5.730 | 5.800 | 6.230 | 6.360 | 6.620 | 6.790 | 6.960 | | | |
| 01/17/97 | 5.320 | 5.445 | 5.563 | 5.620 | 5.720 | 5.930 | 6.340 | 6.460 | 6.710 | 6.900 | 7.050 | | | |
| 01/10/97 | 5.370 | 5.480 | 5.563 | 5.620 | 5.720 | 5.960 | 6.390 | 6.550 | 6.820 | 7.000 | 7.150 | | | |
| 01/03/97 | 5.280 | 5.500 | 5.563 | 5.640 | 5.700 | 5.890 | 6.250 | 6.370 | 6.660 | 6.830 | 6.980 | | | |
| 12/27/96 | 5.240 | 5.688 | 5.617 | 5.750 | 5.730 | 5.820 | 6.140 | 6.270 | 6.500 | 6.670 | 6.810 | | | |
| 12/20/96 | 5.390 | 5.660 | 5.594 | 5.690 | 5.690 | 5.800 | 6.160 | 6.290 | 6.520 | 6.720 | 6.860 | | | |
| 12/13/96 | 5.480 | 5.617 | 5.551 | 5.620 | 5.660 | 5.760 | 6.100 | 6.230 | 6.490 | 6.690 | 6.840 | | | |
| 12/06/96 | 5.400 | 5.605 | 5.547 | 5.580 | 5.620 | 5.740 | 6.030 | 6.170 | 6.410 | 6.610 | 6.760 | | | |
| 11/29/96 | 5.970 | 5.563 | 5.250 | 5.590 | 5.610 | 5.700 | 5.920 | 6.040 | 6.240 | 6.400 | 6.550 | | | |
| 11/22/96 | 5.390 | 5.375 | 5.500 | 5.570 | 5.610 | 5.590 | 5.860 | 5.970 | 6.170 | 6.330 | 6.470 | | | |
| 11/15/96 | 5.810 | 5.375 | 5.500 | 5.590 | 5.650 | 5.740 | 5.600 | 6.100 | 6.330 | 6.500 | 6.660 | | | |
| 11/08/96 | 5.390 | 5.375 | 5.500 | 5.580 | 5.670 | 5.780 | 6.080 | 6.230 | 6.450 | 6.640 | 6.780 | | | |
| 11/01/96 | 5.610 | 5.375 | 5.500 | 5.600 | 5.680 | 5.790 | 6.090 | 6.240 | 6.480 | 6.660 | 6.870 | | | |
| 10/25/96 | 5.470 | 5.375 | 5.470 | 5.620 | 5.710 | 5.860 | 6.220 | 6.380 | 6.660 | 6.860 | 7.060 | | | |
| 10/18/96 | 5.300 | 5.375 | 5.527 | 5.580 | 5.690 | 5.830 | 6.210 | 6.360 | 6.640 | 6.820 | 7.010 | | | |
| 10/11/96 | 5.390 | 5.387 | 5.563 | 5.620 | 5.720 | 5.900 | 6.260 | 6.450 | 6.700 | 6.900 | 7.090 | | | |
| 10/04/96 | 5.280 | 5.414 | 5.598 | 5.600 | 5.690 | 5.860 | 6.180 | 6.360 | 6.620 | 6.810 | 6.990 | | | |
| 09/27/96 | 5.500 | 5.438 | 5.625 | 5.600 | 5.750 | 6.010 | 6.380 | 6.570 | 6.830 | 7.010 | 7.190 | | | |
| 09/20/96 | 5.490 | 5.500 | 5.629 | 5.740 | 5.920 | 6.190 | 6.590 | 6.770 | 7.040 | 7.220 | 7.370 | | | |
| 09/13/96 | 5.440 | 5.492 | 5.625 | 5.650 | 5.800 | 6.070 | 6.430 | 6.640 | 6.900 | 7.080 | 7.260 | | | |
| 09/06/96 | 5.340 | 5.492 | 5.656 | 5.790 | 5.970 | 6.280 | 6.680 | 6.890 | 7.150 | 7.310 | 7.490 | | | |
| 08/30/96 | 5.550 | 5.438 | 5.563 | 5.700 | 5.900 | 6.240 | 6.660 | 6.870 | 7.150 | 7.330 | 7.480 | | | |
| 08/23/96 | 5.390 | 5.980 | 5.484 | 5.570 | 5.700 | 6.000 | 6.430 | 6.640 | 6.900 | 7.080 | 7.250 | | | |
| 08/16/96 | 5.290 | 5.438 | 5.500 | 5.590 | 5.720 | 5.960 | 6.270 | 6.470 | 6.730 | 6.900 | 7.100 | | | |
| 08/09/96 | 5.310 | 5.426 | 5.535 | 5.600 | 5.730 | 5.910 | 6.260 | 6.450 | 6.660 | 6.840 | 7.040 | | | |
| 08/02/96 | 5.480 | 5.441 | 5.586 | 5.660 | 5.750 | 5.930 | 6.250 | 6.440 | 6.660 | 6.850 | 7.050 | | | |
| 07/26/96 | 5.490 | 5.438 | 5.625 | 5.740 | 5.930 | 6.220 | 6.600 | 6.780 | 7.040 | 7.230 | 7.390 | | | |
| 07/19/96 | 5.440 | 5.438 | 5.625 | 5.730 | 5.910 | 6.150 | 6.500 | 6.670 | 6.930 | 7.130 | 7.290 | | | |
| 07/12/96 | 5.370 | 5.496 | 5.676 | 5.750 | 5.950 | 6.160 | 6.520 | 6.730 | 7.020 | 7.200 | 7.330 | | | |
| 07/05/96 | 5.490 | 5.477 | 5.574 | 5.760 | 5.970 | 6.340 | 6.740 | 6.960 | 7.240 | 7.430 | 7.580 | | | |
| 06/28/96 | 5.570 | 5.496 | 5.582 | 5.700 | 5.820 | 6.060 | 6.430 | 6.640 | 6.900 | 7.100 | 7.270 | | | |
| 06/21/96 | 5.430 | 5.465 | 5.570 | 5.710 | 5.870 | 6.190 | 6.640 | 6.850 | 7.150 | 7.340 | 7.510 | | | |
| 06/14/96 | 5.480 | 5.484 | 5.598 | 5.730 | 5.880 | 6.170 | 6.600 | 6.870 | 7.170 | 7.360 | 7.510 | | | |
| 06/07/96 | 5.420 | 5.438 | 5.500 | 5.710 | 5.890 | 6.030 | 6.460 | 6.670 | 7.200 | 7.360 | 7.510 | | | |
| 05/31/96 | 5.640 | 5.438 | 5.500 | 5.620 | 5.730 | 6.110 | 6.570 | 6.810 | 7.100 | 7.280 | 7.440 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 05/24/96 | 5.360 | 5.430 | 5.492 | 5.590 | 5.680 | 5.960 | 6.350 | 6.550 | 6.890 | 7.040 | 7.250 | | | |
| 05/17/96 | 5.360 | 5.438 | 5.496 | 5.570 | 5.590 | 5.680 | 5.930 | 6.330 | 6.570 | 7.070 | 7.240 | | | |
| 05/10/96 | 5.400 | 5.438 | 5.500 | 5.630 | 5.690 | 5.930 | 6.350 | 6.600 | 6.900 | 7.110 | 7.310 | | | |
| 05/03/96 | 5.330 | 5.438 | 5.527 | 5.590 | 5.620 | 5.720 | 5.970 | 6.450 | 7.010 | 7.240 | 7.460 | | | |
| 04/26/96 | 5.430 | 5.434 | 5.488 | 5.570 | 5.630 | 5.830 | 6.250 | 6.440 | 6.740 | 6.930 | 7.140 | | | |
| 04/19/96 | 5.340 | 5.441 | 5.500 | 5.760 | 5.830 | 5.970 | 6.260 | 6.450 | 6.750 | 6.980 | 7.120 | | | |
| 04/12/96 | 5.460 | 5.500 | 5.523 | 5.770 | 5.860 | 6.020 | 6.300 | 6.500 | 6.770 | 6.980 | 7.150 | | | |
| 04/05/96 | 5.130 | 5.438 | 5.465 | 5.790 | 5.870 | 6.070 | 6.360 | 6.530 | 6.830 | 7.020 | 7.140 | | | |
| 03/29/96 | 5.530 | 5.438 | 5.430 | 5.780 | 5.820 | 5.910 | 6.120 | 6.300 | 6.560 | 6.800 | 6.970 | | | |
| 03/22/96 | 5.390 | 5.402 | 5.438 | 5.760 | 5.790 | 5.860 | 6.050 | 6.170 | 6.470 | 6.730 | 6.890 | | | |
| 03/15/96 | 5.760 | 5.383 | 5.422 | 5.760 | 5.740 | 5.900 | 6.110 | 6.250 | 6.560 | 6.840 | 7.010 | | | |
| 03/08/96 | 5.370 | 5.313 | 5.309 | 5.720 | 5.760 | 5.850 | 6.070 | 6.070 | 6.310 | 6.570 | 6.950 | | | |
| 03/01/96 | 5.900 | 5.313 | 5.313 | 5.590 | 5.530 | 5.530 | 5.590 | 5.720 | 6.030 | 6.330 | 6.540 | | | |
| 02/23/96 | 5.360 | 5.313 | 5.250 | 5.560 | 5.460 | 5.420 | 5.450 | 5.600 | 5.930 | 6.240 | 6.480 | | | |
| 02/16/96 | 5.330 | 5.313 | 5.250 | 5.560 | 5.420 | 5.320 | 5.210 | 5.320 | 5.690 | 6.010 | 6.280 | | | |
| 02/09/96 | 5.390 | 5.332 | 5.277 | 5.560 | 5.440 | 5.270 | 5.170 | 5.280 | 5.620 | 5.920 | 6.160 | | | |
| 02/02/96 | 5.420 | 5.375 | 5.313 | 5.540 | 5.440 | 5.320 | 5.180 | 5.280 | 5.610 | 5.900 | 6.140 | | | |
| 01/26/96 | 5.760 | 5.539 | 5.500 | 5.790 | 5.670 | 5.520 | 5.400 | 5.500 | 5.800 | 6.050 | 6.230 | | | |
| 01/19/96 | 5.610 | 5.563 | 5.500 | 5.830 | 5.650 | 5.500 | 5.370 | 5.440 | 5.710 | 5.950 | 6.110 | | | |
| 01/12/96 | 5.670 | 5.625 | 5.598 | 5.870 | 5.730 | 5.630 | 5.500 | 5.610 | 5.860 | 6.090 | 6.300 | | | |
| 01/05/96 | 5.670 | 5.625 | 5.605 | 5.870 | 5.750 | 5.690 | 5.530 | 5.630 | 5.860 | 6.040 | 6.230 | | | |
| 12/29/95 | 5.920 | 5.688 | 5.625 | 5.920 | 5.740 | 5.690 | 5.530 | 5.600 | 5.850 | 6.030 | 6.140 | | | |
| 12/22/95 | 5.680 | 5.750 | 5.680 | 5.920 | 5.840 | 5.750 | 5.640 | 5.720 | 5.930 | 6.130 | 6.250 | | | |
| 12/15/95 | 6.100 | 5.930 | 5.813 | 6.070 | 5.920 | 5.520 | 5.510 | 5.770 | 5.790 | 6.140 | 6.280 | | | |
| 12/08/95 | 5.930 | 5.938 | 5.809 | 6.050 | 5.900 | 5.800 | 5.690 | 5.750 | 5.950 | 6.140 | 6.250 | | | |
| 12/01/95 | 6.000 | 5.938 | 5.828 | 6.100 | 5.980 | 5.830 | 5.670 | 5.760 | 5.950 | 6.160 | 6.280 | | | |
| 11/24/95 | 6.240 | 5.813 | 5.867 | 6.140 | 6.040 | 5.930 | 5.840 | 5.400 | 6.150 | 6.340 | 6.480 | | | |
| 11/17/95 | 5.910 | 5.813 | 5.875 | 6.140 | 6.030 | 5.900 | 5.800 | 5.910 | 6.110 | 6.310 | 6.460 | | | |
| 11/10/95 | 5.890 | 5.813 | 5.875 | 6.180 | 6.100 | 5.970 | 5.870 | 6.000 | 6.220 | 6.390 | 6.560 | | | |
| 11/03/95 | 5.930 | 5.813 | 5.938 | 6.150 | 6.080 | 5.940 | 5.840 | 5.960 | 6.160 | 6.350 | 6.500 | | | |
| 10/27/95 | 5.920 | 5.840 | 5.938 | 6.190 | 6.160 | 6.100 | 6.060 | 6.150 | 6.390 | 6.550 | 6.710 | | | |
| 10/20/95 | 5.890 | 5.938 | 5.875 | 6.160 | 6.160 | 6.100 | 6.060 | 6.130 | 6.310 | 6.480 | 6.600 | | | |
| 10/13/95 | 5.910 | 5.875 | 5.938 | 6.180 | 6.160 | 6.070 | 6.000 | 6.090 | 6.260 | 6.430 | 6.530 | | | |
| 10/06/95 | 5.870 | 5.875 | 5.938 | 6.180 | 6.190 | 6.080 | 6.060 | 6.150 | 6.340 | 6.520 | 6.620 | | | |
| 09/29/95 | 6.740 | 5.845 | 5.953 | 6.200 | 6.240 | 6.170 | 6.220 | 6.300 | 6.480 | 6.670 | 6.770 | | | |
| 09/22/95 | 5.880 | 5.813 | 5.813 | 6.080 | 6.140 | 6.110 | 6.190 | 6.300 | 6.500 | 6.690 | 6.830 | | | |
| 09/15/95 | 6.030 | 5.813 | 5.813 | 6.130 | 6.100 | 6.040 | 5.880 | 5.970 | 6.160 | 6.550 | 6.670 | | | |
| 09/08/95 | 5.890 | 5.875 | 5.875 | 6.180 | 6.180 | 6.150 | 6.170 | 6.270 | 6.480 | 6.670 | 6.790 | | | |
| 09/01/95 | 5.930 | 5.875 | 5.875 | 6.160 | 6.160 | 6.100 | 6.140 | 6.230 | 6.450 | 6.650 | 6.770 | | | |
| 08/25/95 | 5.930 | 5.875 | 5.875 | 6.160 | 6.200 | 6.220 | 6.270 | 6.400 | 6.630 | 6.850 | 6.990 | | | |
| 08/18/95 | 5.900 | 5.938 | 5.938 | 6.220 | 6.270 | 6.350 | 0.480 | 6.580 | 6.800 | 7.010 | 7.120 | | | |
| 08/11/95 | 5.890 | 5.875 | 5.875 | 6.200 | 6.230 | 6.260 | 6.420 | 6.540 | 6.780 | 7.030 | 7.130 | | | |
| 08/04/95 | 5.910 | 5.875 | 5.875 | 6.200 | 6.210 | 6.200 | 6.260 | 6.420 | 6.630 | 6.880 | 7.030 | | | |
| 07/28/95 | 5.960 | 5.875 | 5.875 | 6.170 | 6.170 | 6.150 | 6.240 | 6.370 | 6.610 | 6.870 | 7.000 | | | |
| 07/21/95 | 5.910 | 5.875 | 5.875 | 6.190 | 6.190 | 6.200 | 6.280 | 6.100 | 6.620 | 6.900 | 7.010 | | | |
| 07/14/95 | 5.880 | 5.875 | 5.813 | 6.150 | 6.160 | 6.060 | 6.120 | 6.240 | 6.390 | 6.630 | 6.750 | | | |
| 07/07/95 | 6.010 | 5.813 | 5.875 | 6.140 | 6.080 | 5.940 | 5.970 | 6.070 | 6.210 | 6.470 | 6.650 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 06/30/95 | 6.460 | 6.125 | 6.063 | 6.350 | 6.240 | 6.220 | 6.250 | 6.310 | 6.480 | 6.700 | 6.830 | | | |
| 06/23/95 | 6.160 | 6.063 | 5.938 | 6.300 | 6.190 | 6.110 | 6.040 | 6.110 | 6.270 | 6.500 | 6.660 | | | |
| 06/16/95 | 6.200 | 6.063 | 6.063 | 6.390 | 6.310 | 5.950 | 6.010 | 6.090 | 6.440 | 6.630 | 6.820 | | | |
| 06/09/95 | 6.240 | 6.063 | 6.063 | 6.420 | 6.390 | 6.060 | 6.100 | 6.160 | 6.560 | 6.750 | 6.890 | | | |
| 06/02/95 | 6.210 | 6.063 | 6.000 | 6.180 | 6.150 | 6.020 | 5.850 | 5.940 | 6.120 | 6.370 | 6.590 | | | |
| 05/26/95 | 6.190 | 6.063 | 6.063 | 6.420 | 6.460 | 6.420 | 6.360 | 6.440 | 6.590 | 6.780 | 6.950 | | | |
| 05/19/95 | 6.140 | 6.063 | 6.125 | 6.450 | 6.520 | 6.550 | 6.600 | 6.680 | 6.850 | 7.030 | 7.160 | | | |
| 05/12/95 | 6.190 | 6.063 | 6.125 | 6.510 | 6.610 | 6.640 | 6.610 | 6.730 | 6.880 | 7.060 | 7.220 | | | |
| 05/05/95 | 6.190 | 6.063 | 6.188 | 6.470 | 6.560 | 6.610 | 6.630 | 6.760 | 6.920 | 7.110 | 7.280 | | | |
| 04/28/95 | 6.290 | 6.063 | 6.188 | 6.540 | 6.680 | 6.840 | 7.040 | 7.170 | 7.340 | 7.520 | 7.670 | | | |
| 04/21/95 | 6.120 | 6.063 | 6.188 | 6.490 | 6.620 | 6.740 | 6.870 | 6.960 | 7.190 | 7.410 | 7.580 | | | |
| 04/14/95 | 6.310 | 6.125 | 6.250 | 6.500 | 6.640 | 6.780 | 6.940 | 7.050 | 7.250 | 7.450 | 7.610 | | | |
| 04/07/95 | 6.140 | 6.125 | 6.250 | 6.550 | 6.690 | 6.830 | 7.070 | 7.190 | 7.370 | 7.550 | 7.680 | | | |
| 03/31/95 | 6.350 | 6.125 | 6.250 | 6.620 | 6.800 | 6.710 | 6.980 | 7.330 | 7.510 | 7.680 | 7.770 | | | |
| 03/24/95 | 6.230 | 6.125 | 6.250 | 6.550 | 6.710 | 6.520 | 6.830 | 7.160 | 7.320 | 7.510 | 7.600 | | | |
| 03/17/95 | 6.130 | 6.125 | 6.250 | 6.590 | 6.750 | 6.880 | 7.140 | 7.230 | 7.420 | 7.590 | 7.670 | | | |
| 03/10/95 | 6.130 | 6.125 | 6.313 | 6.650 | 6.820 | 7.010 | 7.270 | 7.390 | 7.540 | 7.720 | 7.810 | | | |
| 03/03/95 | 6.130 | 6.125 | 6.250 | 6.590 | 6.760 | 7.040 | 7.360 | 7.480 | 7.660 | 7.830 | 7.920 | | | |
| 02/24/95 | 6.100 | 6.125 | 6.250 | 6.520 | 6.770 | 7.060 | 7.330 | 7.490 | 7.650 | 7.820 | 7.880 | | | |
| 02/17/95 | 6.140 | 6.125 | 6.250 | 6.550 | 6.820 | 7.130 | 7.530 | 7.640 | 7.810 | 7.980 | 8.010 | | | |
| 02/10/95 | 6.140 | 6.125 | 6.250 | 6.620 | 6.980 | 7.360 | 7.750 | 7.940 | 8.040 | 8.190 | 8.210 | | | |
| 02/03/95 | 6.120 | 6.125 | 6.188 | 6.600 | 6.930 | 7.270 | 7.620 | 7.810 | 7.920 | 8.050 | 8.090 | | | |
| 01/27/95 | 5.950 | 6.000 | 6.313 | 6.640 | 7.020 | 7.380 | 7.790 | 7.930 | 8.120 | 8.250 | 8.280 | | | |
| 01/20/95 | 5.600 | 6.000 | 6.313 | 6.630 | 7.080 | 7.570 | 7.990 | 8.150 | 8.290 | 8.390 | 8.380 | | | |
| 01/13/95 | 5.690 | 5.813 | 6.250 | 6.510 | 6.940 | 7.420 | 7.870 | 8.030 | 8.140 | 8.230 | 8.250 | | | |
| 01/06/95 | 5.740 | 5.875 | 6.438 | 6.730 | 7.270 | 7.780 | 8.150 | 8.290 | 8.370 | 8.440 | 8.440 | | | |
| 12/30/94 | 6.160 | 6.000 | 6.500 | 6.670 | 7.150 | 7.820 | 8.210 | 8.350 | 8.390 | 8.470 | 8.470 | | | |
| 12/23/94 | 5.350 | 6.000 | 6.375 | 6.700 | 7.210 | 7.790 | 8.230 | 8.390 | 8.470 | 8.490 | 8.480 | | | |
| 12/16/94 | 5.720 | 6.125 | 6.313 | 6.740 | 7.190 | 7.680 | 8.100 | 8.210 | 8.260 | 8.370 | 8.390 | | | |
| 12/09/94 | 5.690 | 6.125 | 6.375 | 6.730 | 7.150 | 7.710 | 8.040 | 8.200 | 8.300 | 8.370 | 8.380 | | | |
| 12/02/94 | 5.630 | 6.125 | 6.375 | 6.650 | 7.020 | 7.580 | 7.910 | 8.050 | 8.230 | 8.380 | 8.400 | | | |
| 11/25/94 | 6.280 | 5.625 | 5.938 | 6.290 | 6.650 | 7.150 | 7.630 | 7.890 | 8.130 | 8.340 | 8.370 | | | |
| 11/18/94 | 5.700 | 5.625 | 6.000 | 6.290 | 6.610 | 7.130 | 7.670 | 7.970 | 8.290 | 8.520 | 8.610 | | | |
| 11/10/94 | 5.180 | 5.336 | 5.813 | 6.170 | 6.500 | 6.950 | 7.400 | 7.750 | 8.140 | 8.370 | 8.500 | | | |
| 11/04/94 | 4.940 | 5.188 | 5.750 | 6.080 | 6.430 | 6.890 | 7.390 | 7.780 | 8.190 | 8.430 | 8.590 | | | |
| 10/28/94 | 5.000 | 5.063 | 5.688 | 5.940 | 6.290 | 6.700 | 7.240 | 7.530 | 7.990 | 8.250 | 8.410 | | | |
| 10/21/94 | 4.910 | 5.000 | 5.625 | 5.900 | 6.270 | 6.690 | 7.240 | 7.520 | 7.960 | 8.220 | 8.370 | | | |
| 10/14/94 | 4.920 | 5.063 | 5.625 | 5.860 | 6.130 | 6.550 | 7.010 | 7.330 | 7.730 | 8.030 | 8.210 | | | |
| 10/07/94 | 4.960 | 5.250 | 5.688 | 5.990 | 6.290 | 6.620 | 7.070 | 7.400 | 7.880 | 8.130 | 8.320 | | | |
| 09/30/94 | 5.590 | 5.055 | 5.500 | 5.590 | 6.060 | 6.500 | 6.980 | 7.290 | 7.760 | 8.000 | 8.190 | | | |
| 09/23/94 | 4.980 | 5.063 | 5.250 | 5.600 | 6.060 | 6.390 | 6.870 | 7.170 | 7.660 | 7.920 | 8.130 | | | |
| 09/16/94 | 4.950 | 4.875 | 5.063 | 5.420 | 5.760 | 6.280 | 6.730 | 7.040 | 7.550 | 7.800 | 8.040 | | | |
| 09/09/94 | 4.910 | 4.875 | 5.000 | 5.340 | 5.650 | 6.140 | 6.670 | 6.990 | 7.490 | 7.770 | 7.990 | | | |
| 09/02/94 | 4.990 | 4.875 | 5.000 | 5.310 | 5.560 | 6.020 | 6.500 | 6.800 | 7.270 | 7.520 | 7.760 | | | |
| 08/26/94 | 4.970 | 4.813 | 4.984 | 5.270 | 5.590 | 6.040 | 6.530 | 6.830 | 7.310 | 7.570 | 7.800 | | | |
| 08/19/94 | 4.920 | 4.813 | 5.000 | 5.310 | 5.640 | 6.140 | 6.630 | 6.930 | 7.400 | 7.660 | 7.830 | | | |
| 08/12/94 | 4.490 | 4.688 | 4.938 | 5.230 | 5.650 | 6.100 | 6.560 | 6.940 | 7.380 | 7.670 | 7.830 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 08/05/94 | 4.510 | 4.500 | 4.750 | 5.200 | 5.650 | 6.080 | 6.560 | 6.980 | 7.380 | 7.680 | 7.810 | | | |
| 07/29/94 | 4.560 | 4.500 | 4.875 | 5.040 | 5.470 | 5.900 | 6.350 | 6.730 | 7.190 | 7.510 | 7.670 | | | |
| 07/22/94 | 4.510 | 4.500 | 4.813 | 5.150 | 5.570 | 6.060 | 6.580 | 6.880 | 7.410 | 7.670 | 7.830 | | | |
| 07/15/94 | 4.450 | 4.563 | 4.813 | 5.090 | 5.500 | 5.900 | 6.400 | 6.760 | 7.290 | 7.560 | 7.760 | | | |
| 07/08/94 | 4.540 | 4.563 | 4.820 | 5.190 | 5.640 | 6.050 | 6.600 | 6.960 | 7.510 | 7.790 | 7.980 | | | |
| 07/01/94 | 4.080 | 4.625 | 4.875 | 5.070 | 5.420 | 5.990 | 6.530 | 6.880 | 7.472 | 7.710 | 7.890 | | | |
| 06/24/94 | 4.420 | 4.438 | 4.688 | 4.950 | 5.340 | 5.860 | 6.400 | 6.700 | 7.270 | 7.550 | 7.740 | | | |
| 06/17/94 | 4.390 | 4.313 | 4.000 | 4.910 | 5.200 | 5.660 | 6.280 | 6.580 | 7.170 | 7.440 | 7.660 | | | |
| 06/10/94 | 4.390 | 4.313 | 4.563 | 4.870 | 5.230 | 5.650 | 6.190 | 6.550 | 7.050 | 7.320 | 7.570 | | | |
| 06/03/94 | 4.330 | 4.375 | 4.625 | 4.880 | 5.290 | 5.730 | 6.280 | 6.620 | 7.090 | 7.400 | 7.570 | | | |
| 05/27/94 | 4.430 | 4.375 | 4.625 | 4.930 | 5.380 | 5.830 | 6.410 | 6.780 | 7.250 | 7.570 | 7.760 | | | |
| 05/20/94 | 4.510 | 4.313 | 4.653 | 4.880 | 5.280 | 5.670 | 6.230 | 6.540 | 7.070 | 7.420 | 7.600 | | | |
| 05/13/94 | 4.140 | 4.438 | 4.813 | 5.010 | 5.450 | 5.950 | 6.500 | 6.900 | 7.420 | 7.740 | 7.930 | | | |
| 05/06/94 | 4.070 | 4.188 | 4.563 | 4.950 | 5.420 | 5.940 | 6.510 | 6.930 | 7.440 | 7.750 | 7.880 | | | |
| 04/29/94 | 4.030 | 4.000 | 4.313 | 4.550 | 5.030 | 5.590 | 6.150 | 6.600 | 7.140 | 7.470 | 7.620 | | | |
| 04/22/94 | 3.930 | 3.875 | 4.250 | 4.510 | 4.970 | 5.420 | 6.050 | 6.460 | 7.020 | 7.370 | 7.500 | | | |
| 04/15/94 | 3.670 | 3.750 | 4.000 | 4.330 | 4.760 | 5.280 | 5.910 | 6.370 | 7.000 | 7.350 | 7.530 | | | |
| 04/08/94 | 3.660 | 3.750 | 4.000 | 4.280 | 4.650 | 5.190 | 5.790 | 6.260 | 6.870 | 7.270 | 7.460 | | | |
| 04/01/94 | 3.860 | 3.688 | 3.938 | 4.340 | 4.690 | 5.170 | 5.790 | 6.250 | 6.860 | 7.260 | 7.490 | | | |
| 03/25/94 | 3.780 | 3.688 | 3.875 | 4.170 | 4.480 | 4.860 | 5.490 | 5.910 | 6.490 | 6.900 | 7.090 | | | |
| 03/18/94 | 3.410 | 3.563 | 3.875 | 4.180 | 4.490 | 4.840 | 5.450 | 5.800 | 6.380 | 6.730 | 6.990 | | | |
| 03/11/94 | 3.410 | 3.563 | 3.875 | 4.180 | 4.490 | 4.830 | 5.320 | 5.740 | 6.310 | 6.740 | 7.000 | | | |
| 03/04/94 | 3.420 | 3.625 | 3.828 | 4.190 | 4.470 | 4.810 | 5.270 | 5.630 | 6.190 | 6.580 | 6.850 | | | |
| 02/25/94 | 3.440 | 3.500 | 3.750 | 4.010 | 4.260 | 4.480 | 5.060 | 5.400 | 5.990 | 6.410 | 6.670 | | | |
| 02/18/94 | 3.430 | 3.438 | 3.563 | 3.920 | 4.110 | 4.390 | 4.890 | 5.250 | 5.860 | 6.250 | 6.530 | | | |
| 02/11/94 | 3.380 | 3.375 | 3.563 | 3.910 | 4.070 | 4.350 | 4.780 | 5.170 | 5.720 | 6.050 | 6.370 | | | |
| 02/04/94 | 3.440 | 3.250 | 3.438 | 3.890 | 4.050 | 4.250 | 4.730 | 5.070 | 5.620 | 6.000 | 6.300 | | | |
| 01/28/94 | 3.180 | 3.125 | 3.250 | 3.540 | 3.680 | 3.900 | 4.420 | 4.710 | 5.340 | 5.700 | 6.070 | | | |
| 01/21/94 | 3.160 | 3.125 | 3.250 | 3.530 | 3.680 | 3.920 | 4.460 | 4.750 | 5.420 | 5.830 | 6.180 | | | |
| 01/14/94 | 3.190 | 3.125 | 3.250 | 3.540 | 3.730 | 3.980 | 4.500 | 4.800 | 5.460 | 5.900 | 6.220 | | | |
| 01/07/94 | 3.140 | 3.188 | 3.313 | 3.600 | 3.770 | 3.990 | 4.470 | 4.780 | 5.440 | 5.850 | 6.180 | | | |
| 12/31/93 | 3.240 | 3.250 | 3.375 | 3.650 | 3.790 | 4.050 | 4.600 | 4.900 | 5.590 | 5.950 | 6.300 | | | |
| 12/24/93 | 2.990 | 3.250 | 3.313 | 3.660 | 3.800 | 4.020 | 4.540 | 4.830 | 5.480 | 5.850 | 6.180 | | | |
| 12/17/93 | 3.140 | 3.188 | 3.250 | 3.650 | 3.810 | 4.030 | 4.570 | 4.890 | 5.570 | 5.910 | 6.260 | | | |
| 12/10/93 | 3.140 | 3.313 | 3.375 | 3.660 | 3.820 | 4.050 | 4.550 | 4.850 | 5.480 | 5.840 | 6.140 | | | |
| 12/03/93 | 3.190 | 3.500 | 3.500 | 3.710 | 3.860 | 4.070 | 4.590 | 4.930 | 5.560 | 5.970 | 6.260 | | | |
| 11/26/93 | 3.280 | 3.133 | 3.500 | 3.700 | 3.840 | 4.020 | 4.510 | 4.830 | 5.470 | 5.920 | 6.230 | | | |
| 11/19/93 | 3.170 | 3.125 | 3.500 | 3.700 | 3.860 | 4.060 | 4.570 | 4.910 | 5.510 | 5.960 | 6.270 | | | |
| 11/12/93 | 3.250 | 3.188 | 3.500 | 3.690 | 3.840 | 4.010 | 4.480 | 4.830 | 5.420 | 5.810 | 6.130 | | | |
| 11/05/93 | 3.150 | 3.188 | 3.500 | 3.690 | 3.830 | 4.010 | 4.540 | 4.910 | 5.470 | 5.880 | 6.190 | | | |
| 10/29/93 | 3.250 | 3.188 | 3.438 | 3.690 | 3.770 | 3.910 | 4.340 | 4.650 | 5.180 | 5.550 | 5.860 | | | |
| 10/22/93 | 3.180 | 3.188 | 3.375 | 3.640 | 3.710 | 3.830 | 4.250 | 4.520 | 5.080 | 5.430 | 5.770 | | | |
| 10/15/93 | 3.170 | 3.188 | 3.375 | 3.630 | 3.680 | 3.800 | 4.150 | 4.400 | 4.930 | 5.290 | 5.610 | | | |
| 10/08/93 | 3.150 | 3.188 | 3.375 | 3.640 | 3.660 | 3.760 | 4.120 | 4.400 | 4.980 | 5.360 | 5.670 | | | |
| 10/01/93 | 3.440 | 3.188 | 3.188 | 3.570 | 3.670 | 3.800 | 4.200 | 4.520 | 5.100 | 5.480 | 5.830 | | | |
| 09/24/93 | 3.210 | 3.188 | 3.188 | 3.550 | 3.660 | 3.830 | 4.240 | 4.550 | 5.150 | 5.480 | 5.910 | | | |
| 09/17/93 | 3.160 | 3.188 | 3.188 | 3.550 | 3.660 | 3.850 | 4.250 | 4.510 | 5.120 | 5.430 | 5.870 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 09/10/93 | 3.160 | 3.125 | 3.188 | 3.550 | 3.660 | 3.780 | 4.140 | 4.450 | 5.020 | 5.380 | 5.790 | | | |
| 09/03/93 | 3.140 | 3.188 | 3.188 | 3.520 | 3.610 | 3.700 | 4.060 | 4.390 | 5.010 | 5.390 | 5.820 | | | |
| 08/27/93 | 3.200 | 3.188 | 3.250 | 3.580 | 3.680 | 3.810 | 4.200 | 4.520 | 5.150 | 5.540 | 5.980 | | | |
| 08/20/93 | 3.150 | 3.188 | 3.250 | 3.560 | 3.680 | 3.850 | 4.310 | 4.640 | 5.320 | 5.690 | 6.110 | | | |
| 08/13/93 | 3.170 | 3.188 | 3.250 | 3.590 | 3.720 | 3.880 | 4.350 | 4.740 | 5.440 | 5.830 | 6.250 | | | |
| 08/06/93 | 3.180 | 3.188 | 3.250 | 3.600 | 3.780 | 3.960 | 4.450 | 4.860 | 5.530 | 5.950 | 6.350 | | | |
| 07/30/93 | 3.290 | 3.188 | 3.313 | 3.600 | 3.760 | 3.970 | 4.490 | 4.810 | 5.510 | 5.920 | 6.340 | | | |
| 07/23/93 | 3.180 | 3.188 | 3.313 | 3.630 | 3.810 | 4.060 | 4.610 | 4.940 | 5.640 | 6.090 | 6.460 | | | |
| 07/16/93 | 3.200 | 3.123 | 3.250 | 3.580 | 3.720 | 3.870 | 4.320 | 4.650 | 5.640 | 5.780 | 6.200 | | | |
| 07/09/93 | 3.150 | 3.188 | 3.313 | 3.590 | 3.720 | 3.890 | 4.340 | 4.680 | 5.800 | 5.860 | 6.270 | | | |
| 07/02/93 | 3.320 | 3.188 | 3.130 | 3.570 | 3.670 | 3.820 | 4.310 | 4.650 | 5.380 | 5.860 | 6.270 | | | |
| 06/25/93 | 3.170 | 3.188 | 3.313 | 3.660 | 3.790 | 3.970 | 4.480 | 4.780 | 5.500 | 5.940 | 6.340 | | | |
| 06/18/93 | 3.100 | 3.188 | 3.313 | 3.620 | 3.780 | 3.970 | 4.560 | 4.860 | 5.590 | 6.040 | 6.460 | | | |
| 06/11/93 | 3.140 | 3.250 | 3.350 | 3.660 | 3.800 | 3.980 | 4.520 | 4.900 | 5.590 | 6.060 | 6.470 | | | |
| 06/04/93 | 3.200 | 3.188 | 3.313 | 3.660 | 3.850 | 4.100 | 4.680 | 5.040 | 5.730 | 6.220 | 6.620 | | | |
| 05/28/93 | 3.220 | 3.250 | 3.375 | 3.620 | 3.790 | 4.020 | 4.610 | 4.990 | 5.750 | 6.240 | 6.630 | | | |
| 05/21/93 | 3.220 | 3.125 | 3.250 | 3.550 | 3.690 | 3.870 | 4.510 | 4.900 | 5.700 | 6.250 | 6.640 | | | |
| 05/14/93 | 3.140 | 3.125 | 3.250 | 3.520 | 3.640 | 3.770 | 4.320 | 4.780 | 5.570 | 6.140 | 6.510 | | | |
| 05/07/93 | 2.990 | 3.125 | 3.188 | 3.470 | 3.540 | 3.640 | 4.120 | 4.630 | 5.390 | 6.010 | 6.400 | | | |
| 04/30/93 | 3.260 | 3.125 | 3.188 | 3.490 | 3.570 | 3.680 | 3.150 | 4.580 | 5.470 | 6.030 | 6.490 | | | |
| 04/23/93 | 3.050 | 3.125 | 3.188 | 3.480 | 3.540 | 3.610 | 4.120 | 4.510 | 5.430 | 5.930 | 6.380 | | | |
| 04/16/93 | 3.130 | 3.188 | 3.250 | 3.490 | 3.550 | 3.650 | 4.170 | 4.580 | 5.460 | 5.990 | 6.400 | | | |
| 04/09/93 | 3.120 | 3.188 | 3.250 | 3.520 | 3.590 | 3.710 | 4.200 | 4.650 | 5.510 | 6.080 | 6.480 | | | |
| 04/02/93 | 3.360 | 3.188 | 3.250 | 3.520 | 3.580 | 3.730 | 4.320 | 4.780 | 5.660 | 6.240 | 6.640 | | | |
| 03/26/93 | 3.220 | 3.188 | 3.250 | 3.540 | 3.620 | 3.750 | 4.350 | 4.810 | 5.660 | 6.210 | 6.570 | | | |
| 03/19/93 | 3.100 | 3.188 | 3.250 | 3.530 | 3.650 | 3.760 | 4.320 | 4.740 | 5.580 | 6.110 | 6.460 | | | |
| 03/12/93 | 3.130 | 3.188 | 3.250 | 3.500 | 3.650 | 3.800 | 4.390 | 4.880 | 5.690 | 6.200 | 6.570 | | | |
| 03/05/93 | 3.220 | 3.188 | 3.188 | 3.570 | 3.660 | 3.810 | 4.300 | 4.750 | 5.560 | 6.040 | 6.440 | | | |
| 02/26/93 | 3.420 | 3.125 | 3.188 | 3.490 | 3.620 | 3.740 | 4.280 | 4.750 | 5.910 | 6.070 | 6.510 | | | |
| 02/19/93 | 3.070 | 3.125 | 3.188 | 3.510 | 3.630 | 3.770 | 4.390 | 4.860 | 5.730 | 6.190 | 6.680 | | | |
| 02/12/93 | 3.170 | 3.125 | 3.250 | 3.540 | 3.680 | 3.870 | 4.550 | 5.080 | 5.960 | 6.440 | 6.890 | | | |
| 02/05/93 | 3.080 | 3.188 | 3.250 | 3.530 | 3.670 | 3.850 | 4.480 | 5.030 | 5.870 | 6.350 | 6.810 | | | |
| 01/29/93 | 3.200 | 3.125 | 3.250 | 3.520 | 3.650 | 3.830 | 4.590 | 5.080 | 6.030 | 6.510 | 6.940 | | | |
| 01/22/93 | 3.060 | 3.188 | 3.313 | 3.540 | 3.680 | 3.880 | 4.710 | 5.170 | 6.220 | 6.720 | 7.090 | | | |
| 01/15/93 | 3.090 | 3.188 | 3.313 | 3.520 | 3.680 | 3.890 | 4.660 | 5.190 | 6.220 | 6.740 | 7.110 | | | |
| 01/08/93 | 3.150 | 3.250 | 3.438 | 3.650 | 3.820 | 4.080 | 4.910 | 5.400 | 6.420 | 6.940 | 7.270 | | | |
| 12/31/92 | 3.470 | 3.313 | 3.438 | 3.690 | 3.880 | 4.060 | 4.960 | 5.480 | 6.510 | 6.920 | 7.230 | | | |
| 12/24/92 | 3.120 | 3.438 | 3.500 | 3.750 | 3.920 | 4.090 | 5.020 | 5.530 | 6.510 | 6.890 | 7.210 | | | |
| 12/18/92 | 3.030 | 3.563 | 3.563 | 3.770 | 3.970 | 4.180 | 5.130 | 5.620 | 6.580 | 6.940 | 7.300 | | | |
| 12/11/92 | 3.030 | 3.688 | 3.625 | 3.860 | 4.030 | 4.280 | 5.150 | 5.700 | 6.580 | 6.970 | 7.320 | | | |
| 12/04/92 | 3.120 | 4.063 | 3.813 | 3.910 | 4.080 | 4.290 | 5.170 | 5.800 | 6.680 | 7.070 | 7.430 | | | |
| 11/27/92 | 3.370 | 4.125 | 3.938 | 3.830 | 4.070 | 4.250 | 5.170 | 5.790 | 6.690 | 7.080 | 7.450 | | | |
| 11/20/92 | 3.100 | 3.188 | 3.938 | 3.800 | 3.980 | 4.210 | 5.060 | 5.620 | 6.540 | 6.950 | 7.370 | | | |
| 11/13/92 | 3.110 | 3.250 | 3.688 | 3.750 | 3.920 | 4.140 | 4.930 | 5.530 | 6.470 | 6.930 | 7.360 | | | |
| 11/06/92 | 3.100 | 3.188 | 3.563 | 3.730 | 3.820 | 3.990 | 4.820 | 5.460 | 6.440 | 6.980 | 7.470 | | | |
| 10/30/92 | 3.260 | 3.250 | 3.563 | 3.690 | 3.810 | 3.990 | 4.810 | 5.390 | 6.370 | 6.860 | 7.340 | | | |
| 10/23/92 | 3.100 | 3.250 | 3.563 | 3.630 | 3.780 | 3.940 | 4.770 | 5.330 | 6.350 | 6.900 | 7.330 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 10/16/92 | 3.260 | 3.250 | 3.438 | 3.540 | 3.620 | 3.740 | 4.410 | 4.940 | 5.970 | 6.590 | 7.080 | | | |
| 10/09/92 | 3.200 | 3.188 | 3.313 | 3.460 | 3.540 | 3.640 | 4.350 | 4.830 | 5.900 | 6.560 | 7.020 | | | |
| 10/02/92 | 3.390 | 3.000 | 3.125 | 3.330 | 3.400 | 3.460 | 4.110 | 4.560 | 5.660 | 6.310 | 6.780 | | | |
| 09/25/92 | 3.360 | 3.313 | 3.130 | 3.440 | 3.470 | 3.540 | 4.180 | 4.660 | 5.760 | 6.410 | 6.930 | | | |
| 09/18/92 | 3.200 | 3.250 | 3.250 | 3.470 | 3.500 | 3.600 | 4.250 | 4.740 | 5.840 | 6.420 | 6.930 | | | |
| 09/11/92 | 3.150 | 3.188 | 3.188 | 3.490 | 3.520 | 3.620 | 4.200 | 4.720 | 5.710 | 6.300 | 6.820 | | | |
| 09/04/92 | 3.230 | 3.438 | 3.438 | 3.490 | 3.550 | 3.620 | 4.280 | 4.760 | 5.720 | 6.340 | 6.910 | | | |
| 08/28/92 | 3.490 | 3.500 | 3.500 | 3.730 | 3.820 | 3.910 | 4.560 | 5.100 | 6.010 | 6.620 | 7.130 | | | |
| 08/21/92 | 3.530 | 3.375 | 3.438 | 3.710 | 3.820 | 3.990 | 4.590 | 5.100 | 6.050 | 6.610 | 7.130 | | | |
| 08/14/92 | 3.450 | 3.375 | 3.438 | 3.670 | 3.770 | 3.860 | 4.470 | 5.060 | 5.930 | 6.500 | 7.030 | | | |
| 08/07/92 | 3.380 | 3.438 | 3.438 | 3.710 | 3.770 | 3.900 | 4.540 | 5.110 | 5.970 | 6.520 | 7.090 | | | |
| 07/31/92 | 3.550 | 3.375 | 3.438 | 3.750 | 3.870 | 4.060 | 4.740 | 5.210 | 6.190 | 6.700 | 7.220 | | | |
| 07/24/92 | 3.320 | 3.375 | 3.438 | 3.730 | 3.850 | 4.010 | 4.650 | 5.060 | 6.090 | 6.690 | 7.280 | | | |
| 07/17/92 | 3.360 | 3.375 | 3.438 | 3.740 | 3.800 | 3.920 | 4.600 | 5.090 | 6.220 | 6.850 | 7.420 | | | |
| 07/10/92 | 3.430 | 3.438 | 3.500 | 3.770 | 3.860 | 4.040 | 4.720 | 5.230 | 6.320 | 6.930 | 7.460 | | | |
| 07/03/92 | 3.310 | 3.563 | 3.625 | 3.870 | 3.990 | 4.180 | 4.950 | 5.470 | 6.460 | 7.050 | 7.510 | | | |
| 06/26/92 | 3.940 | 3.875 | 3.938 | 4.260 | 4.340 | 4.580 | 5.260 | 5.730 | 6.730 | 7.250 | 7.700 | | | |
| 06/19/92 | 3.890 | 3.875 | 3.938 | 4.230 | 4.340 | 4.580 | 5.390 | 5.860 | 6.860 | 7.340 | 7.780 | | | |
| 06/12/92 | 3.860 | 3.938 | 4.000 | 4.240 | 4.360 | 4.570 | 5.400 | 5.940 | 6.900 | 7.400 | 7.820 | | | |
| 06/05/92 | 3.910 | 4.000 | 4.063 | 4.260 | 4.410 | 4.620 | 5.480 | 6.030 | 6.940 | 7.430 | 7.840 | | | |
| 05/29/92 | 3.940 | 4.000 | 4.063 | 4.290 | 4.450 | 4.690 | 5.560 | 6.120 | 7.020 | 7.510 | 7.890 | | | |
| 05/22/92 | 3.980 | 3.980 | 4.000 | 4.260 | 4.410 | 4.670 | 5.650 | 6.210 | 7.120 | 7.580 | 7.900 | | | |
| 05/15/92 | 4.180 | 3.875 | 3.875 | 4.170 | 4.300 | 4.540 | 5.560 | 6.120 | 7.060 | 7.510 | 7.860 | | | |
| 05/08/92 | 3.900 | 3.750 | 3.875 | 4.220 | 4.390 | 4.690 | 5.730 | 6.380 | 7.230 | 7.660 | 8.010 | | | |
| 05/01/92 | 3.970 | 3.938 | 4.063 | 4.280 | 4.410 | 4.750 | 5.730 | 6.370 | 7.270 | 7.730 | 8.100 | | | |
| 04/24/92 | 3.780 | 4.000 | 4.063 | 4.280 | 4.450 | 4.780 | 5.770 | 6.360 | 7.310 | 7.740 | 8.110 | | | |
| 04/17/92 | 3.520 | 4.063 | 4.125 | 4.270 | 4.420 | 4.680 | 5.810 | 6.320 | 7.220 | 7.660 | 8.000 | | | |
| 04/10/92 | 3.790 | 4.000 | 4.063 | 4.290 | 4.380 | 4.600 | 5.570 | 6.140 | 7.120 | 7.570 | 7.910 | | | |
| 04/03/92 | 4.280 | 4.250 | 4.313 | 4.580 | 4.710 | 4.930 | 5.810 | 6.380 | 7.280 | 7.630 | 7.950 | | | |
| 03/27/92 | 4.150 | 4.313 | 4.375 | 4.620 | 4.800 | 5.140 | 6.090 | 6.680 | 7.500 | 7.770 | 8.070 | | | |
| 03/20/92 | 4.110 | 4.375 | 4.375 | 4.660 | 4.880 | 5.230 | 6.270 | 6.800 | 7.610 | 7.880 | 8.150 | | | |
| 03/13/92 | 4.090 | 4.375 | 4.438 | 4.640 | 4.870 | 5.250 | 6.210 | 6.810 | 7.600 | 7.900 | 8.200 | | | |
| 03/06/92 | 4.160 | 4.375 | 4.438 | 4.650 | 4.840 | 5.130 | 6.010 | 6.550 | 7.350 | 7.660 | 8.000 | | | |
| 02/28/92 | 4.340 | 4.250 | 4.250 | 4.510 | 4.620 | 4.790 | 5.670 | 6.240 | 7.090 | 7.460 | 7.810 | | | |
| 02/21/92 | 4.100 | 4.250 | 4.313 | 4.550 | 4.690 | 4.930 | 5.820 | 6.370 | 7.240 | 7.560 | 7.950 | | | |
| 02/14/92 | 4.960 | 4.188 | 4.188 | 4.430 | 4.540 | 4.750 | 5.610 | 6.220 | 7.100 | 7.500 | 7.900 | | | |
| 02/07/92 | 4.110 | 4.125 | 4.125 | 4.340 | 4.390 | 4.550 | 5.340 | 5.890 | 6.850 | 7.300 | 7.710 | | | |
| 01/31/92 | 4.710 | 4.188 | 4.188 | 4.440 | 4.550 | 4.680 | 5.520 | 6.080 | 6.940 | 7.440 | 7.840 | | | |
| 01/24/92 | 4.150 | 4.188 | 4.250 | 4.370 | 4.510 | 4.640 | 5.440 | 5.950 | 6.686 | 7.400 | 7.770 | | | |
| 01/17/92 | 4.050 | 4.250 | 4.313 | 4.390 | 4.470 | 4.580 | 5.430 | 5.780 | 6.860 | 7.350 | 7.630 | | | |
| 01/10/92 | 4.230 | 4.125 | 4.062 | 4.410 | 4.500 | 4.580 | 5.280 | 5.630 | 6.580 | 7.060 | 7.360 | | | |
| 01/03/92 | 4.560 | 4.250 | 4.187 | 4.470 | 4.510 | 4.600 | 5.190 | 5.540 | 6.480 | 7.010 | 7.370 | | | |
| 12/27/91 | 4.500 | 4.875 | 4.375 | 4.600 | 4.600 | 4.670 | 5.250 | 5.530 | 6.480 | 6.980 | 7.350 | | | |
| 12/20/91 | 4.350 | 4.625 | 5.125 | 4.520 | 4.560 | 4.630 | 5.240 | 5.590 | 6.500 | 7.080 | 7.520 | | | |
| 12/13/91 | 4.650 | 4.875 | 4.563 | 4.810 | 4.820 | 4.880 | 5.450 | 5.810 | 6.720 | 7.230 | 7.720 | | | |
| 12/06/91 | 4.740 | 5.125 | 4.812 | 4.900 | 4.910 | 4.960 | 5.550 | 5.930 | 6.700 | 7.220 | 7.730 | | | |
| 11/29/91 | 5.090 | 5.188 | 5.000 | 5.090 | 5.130 | 5.170 | 5.760 | 6.120 | 6.940 | 7.430 | 7.890 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 11/22/91 | 4.990 | 4.813 | 5.000 | 5.130 | 5.190 | 5.200 | 5.860 | 6.190 | 6.990 | 7.470 | 7.920 | | | |
| 11/15/91 | 5.230 | 4.938 | 5.125 | 5.250 | 5.330 | 5.370 | 5.940 | 6.310 | 7.040 | 7.500 | 7.870 | | | |
| 11/08/91 | 4.970 | 4.938 | 5.063 | 5.290 | 5.370 | 5.400 | 6.020 | 6.390 | 7.100 | 7.580 | 7.940 | | | |
| 11/01/91 | 5.280 | 5.125 | 5.250 | 5.390 | 5.470 | 5.470 | 6.050 | 6.380 | 7.150 | 7.620 | 7.950 | | | |
| 10/25/91 | 5.460 | 5.313 | 5.500 | 5.660 | 5.720 | 5.750 | 6.320 | 6.610 | 7.360 | 7.830 | 8.150 | | | |
| 10/18/91 | 5.440 | 5.313 | 5.500 | 5.680 | 5.760 | 5.830 | 6.320 | 6.630 | 7.300 | 7.700 | 8.020 | | | |
| 10/11/91 | 5.320 | 5.313 | 5.500 | 5.640 | 5.740 | 5.780 | 6.330 | 6.620 | 7.310 | 7.720 | 8.050 | | | |
| 10/04/91 | 5.420 | 5.313 | 5.438 | 5.700 | 5.780 | 5.800 | 6.350 | 6.640 | 7.310 | 7.720 | 7.980 | | | |
| 09/27/91 | 5.530 | 5.500 | 5.500 | 5.790 | 5.880 | 5.930 | 6.440 | 6.730 | 7.450 | 7.840 | 8.060 | | | |
| 09/20/91 | 5.520 | 5.563 | 5.563 | 5.820 | 5.950 | 6.010 | 6.540 | 6.830 | 7.530 | 7.900 | 8.110 | | | |
| 09/13/91 | 5.590 | 5.563 | 5.563 | 5.830 | 5.910 | 5.960 | 6.590 | 6.910 | 7.590 | 7.990 | 8.180 | | | |
| 09/06/91 | 5.800 | 5.750 | 5.750 | 5.970 | 6.080 | 6.120 | 6.700 | 7.050 | 7.720 | 8.130 | 8.310 | | | |
| 08/30/91 | 5.790 | 5.688 | 5.688 | 6.020 | 6.100 | 6.200 | 6.770 | 7.110 | 7.810 | 8.190 | 8.350 | | | |
| 08/23/91 | 5.850 | 5.688 | 5.688 | 6.070 | 6.210 | 6.280 | 6.820 | 7.180 | 7.830 | 8.210 | 8.400 | | | |
| 08/16/91 | 5.800 | 5.688 | 5.688 | 5.970 | 6.050 | 6.110 | 6.670 | 7.130 | 7.810 | 8.190 | 8.380 | | | |
| 08/09/91 | 5.870 | 5.750 | 5.750 | 6.010 | 6.120 | 6.260 | 6.870 | 7.290 | 7.960 | 8.310 | 8.450 | | | |
| 08/02/91 | 5.960 | 5.938 | 6.000 | 6.180 | 6.350 | 6.530 | 7.120 | 7.450 | 8.120 | 8.430 | 8.590 | | | |
| 07/26/91 | 5.990 | 6.063 | 6.000 | 6.280 | 6.470 | 6.680 | 7.250 | 7.580 | 8.290 | 8.560 | 8.710 | | | |
| 07/19/91 | 6.010 | 6.000 | 6.125 | 6.330 | 6.500 | 6.750 | 7.320 | 7.680 | 8.390 | 8.660 | 8.830 | | | |
| 07/12/91 | 6.020 | 6.063 | 6.188 | 6.340 | 6.480 | 6.710 | 7.290 | 7.740 | 8.390 | 8.660 | 8.810 | | | |
| 07/05/91 | 6.010 | 6.063 | 6.188 | 6.350 | 6.500 | 6.900 | 7.450 | 7.860 | 8.510 | 8.760 | 8.860 | | | |
| 06/28/91 | 6.160 | 6.063 | 6.160 | 6.350 | 6.500 | 6.800 | 7.320 | 7.710 | 8.410 | 8.680 | 8.810 | | | |
| 06/21/91 | 5.970 | 6.063 | 6.125 | 6.330 | 6.550 | 6.800 | 7.370 | 7.760 | 8.430 | 8.680 | 8.860 | | | |
| 06/14/91 | 5.930 | 6.125 | 6.250 | 6.400 | 6.600 | 6.850 | 7.420 | 7.810 | 8.430 | 8.710 | 8.860 | | | |
| 06/07/91 | 5.920 | 6.125 | 6.188 | 6.400 | 6.550 | 6.850 | 7.370 | 7.810 | 8.460 | 8.710 | 8.860 | | | |
| 05/31/91 | 6.060 | 5.983 | 6.063 | 6.250 | 6.400 | 6.600 | 7.120 | 7.460 | 8.210 | 8.510 | 8.660 | | | |
| 05/24/91 | 5.900 | 5.938 | 6.063 | 6.200 | 6.400 | 6.550 | 7.120 | 7.460 | 8.210 | 8.510 | 8.660 | | | |
| 05/17/91 | 6.000 | 5.938 | 6.063 | 6.200 | 6.400 | 6.650 | 7.270 | 7.560 | 8.360 | 8.610 | 8.760 | | | |
| 05/10/91 | 5.910 | 5.938 | 6.063 | 6.200 | 6.350 | 6.550 | 7.220 | 7.560 | 8.260 | 8.510 | 8.660 | | | |
| 05/03/91 | 5.960 | 5.312 | 6.000 | 6.150 | 6.350 | 6.550 | 7.200 | 7.560 | 8.180 | 8.460 | 8.610 | | | |
| 04/26/91 | 6.160 | 6.125 | 6.188 | 6.330 | 6.500 | 6.700 | 7.320 | 7.610 | 8.260 | 8.560 | 8.710 | | | |
| 04/19/91 | 6.120 | 6.188 | 6.250 | 6.500 | 6.580 | 6.800 | 7.470 | 7.710 | 8.360 | 8.560 | 8.680 | | | |
| 04/12/91 | 5.620 | 6.000 | 6.125 | 6.200 | 6.400 | 6.600 | 7.270 | 7.610 | 8.210 | 8.510 | 8.660 | | | |
| 04/05/91 | 6.130 | 6.250 | 6.313 | 6.400 | 6.500 | 6.700 | 7.320 | 7.660 | 8.180 | 8.430 | 8.550 | | | |
| 03/29/91 | 5.510 | 6.312 | 6.375 | 6.550 | 6.600 | 6.800 | 7.520 | 7.810 | 8.310 | 8.510 | 8.660 | | | |
| 03/22/91 | 6.290 | 6.438 | 6.438 | 6.600 | 6.700 | 6.900 | 7.570 | 7.860 | 8.360 | 8.610 | 8.760 | | | |
| 03/15/91 | 6.190 | 6.312 | 6.312 | 6.500 | 6.600 | 6.750 | 7.370 | 7.660 | 8.210 | 8.510 | 8.660 | | | |
| 03/08/91 | 6.440 | 6.750 | 6.750 | 6.750 | 6.830 | 6.900 | 7.470 | 7.710 | 8.260 | 8.560 | 8.680 | | | |
| 03/01/91 | 6.590 | 7.000 | 6.938 | 6.850 | 6.900 | 7.000 | 7.570 | 8.810 | 8.310 | 8.510 | 8.660 | | | |
| 02/22/91 | 6.410 | 6.563 | 6.750 | 6.700 | 6.750 | 6.800 | 7.420 | 7.660 | 8.110 | 8.360 | 8.500 | | | |
| 02/15/91 | 6.370 | 6.500 | 6.625 | 6.650 | 6.700 | 6.750 | 7.270 | 7.510 | 7.960 | 8.260 | 8.400 | | | |
| 02/08/91 | 6.540 | 6.438 | 6.625 | 6.650 | 6.700 | 6.700 | 7.270 | 7.460 | 7.960 | 8.260 | 8.410 | | | |
| 02/01/91 | 6.330 | 6.938 | 7.063 | 6.750 | 6.750 | 6.750 | 7.220 | 7.460 | 8.010 | 8.310 | 8.450 | | | |
| 01/25/91 | 7.640 | 6.812 | 7.000 | 6.950 | 7.000 | 7.050 | 7.470 | 7.760 | 8.160 | 8.460 | 8.610 | | | |
| 01/18/91 | 6.500 | 7.375 | 7.438 | 7.100 | 7.100 | 7.100 | 7.520 | 7.810 | 8.210 | 8.460 | 8.610 | | | |
| 01/11/91 | 7.050 | 7.187 | 7.312 | 7.030 | 7.050 | 7.050 | 7.520 | 7.810 | 8.310 | 8.560 | 8.710 | | | |
| 01/04/91 | 5.730 | 7.375 | 7.375 | 7.280 | 7.280 | 7.250 | 7.620 | 7.810 | 8.210 | 8.510 | 8.630 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 12/28/90 | 7.130 | 7.625 | 7.562 | 7.450 | 7.450 | 7.400 | 7.670 | 7.890 | 8.260 | 8.560 | 8.660 | | | |
| 12/21/90 | 7.440 | 8.687 | 8.125 | 7.400 | 7.400 | 7.350 | 7.670 | 7.860 | 8.210 | 8.560 | 8.660 | | | |
| 12/14/90 | 7.680 | 8.125 | 7.812 | 7.650 | 7.650 | 7.600 | 7.720 | 7.860 | 8.260 | 8.510 | 8.630 | | | |
| 12/07/90 | 7.560 | 8.312 | 8.000 | 7.800 | 7.700 | 7.600 | 7.720 | 7.810 | 8.160 | 8.460 | 8.610 | | | |
| 11/30/90 | 7.840 | 8.75 | 8.38 | 7.950 | 7.900 | 7.800 | 7.900 | 8.060 | 8.410 | 8.710 | 8.860 | | | |
| 11/23/90 | 7.850 | 7.9375 | 8.25 | 7.900 | 7.900 | 7.730 | 7.820 | 8.010 | 8.380 | 8.660 | 8.860 | | | |
| 11/16/90 | 8.170 | 7.9375 | 8.0625 | 7.850 | 7.850 | 7.750 | 8.000 | 8.200 | 8.550 | 8.800 | 9.000 | | | |
| 11/09/90 | 7.950 | 8.0625 | 8.1875 | 7.950 | 7.950 | 7.800 | 8.100 | 8.300 | 8.700 | 9.000 | 9.200 | | | |
| 11/02/90 | 8.220 | 7.875 | 7.9375 | 7.950 | 7.950 | 7.850 | 8.150 | 8.350 | 8.750 | 9.000 | 9.200 | | | |
| 10/26/90 | 8.200 | 7.9375 | 8 | 8.100 | 8.100 | 8.150 | 8.300 | 8.500 | 8.800 | 9.100 | 9.250 | | | |
| 10/19/90 | 8.220 | 8.125 | 8.125 | 8.200 | 8.150 | 8.200 | 8.300 | 8.500 | 8.800 | 9.100 | 9.250 | | | |
| 10/12/90 | 8.220 | 8.25 | 8.25 | 8.200 | 8.150 | 8.250 | 8.450 | 8.650 | 9.050 | 9.350 | 9.550 | | | |
| 10/05/90 | 8.410 | 8.1875 | 8.1875 | 8.150 | 8.100 | 8.150 | 8.350 | 8.500 | 8.900 | 9.200 | 9.350 | | | |
| 09/28/90 | 8.290 | 8.25 | 8.3125 | 8.250 | 8.250 | 8.300 | 8.500 | 8.600 | 9.050 | 9.350 | 9.500 | | | |
| 09/21/90 | 8.420 | 8.3125 | 8.3125 | 8.200 | 8.250 | 8.300 | 8.500 | 8.700 | 9.100 | 9.400 | 9.600 | | | |
| 09/14/90 | 8.160 | 8.1875 | 8.125 | 8.150 | 8.200 | 8.300 | 8.500 | 8.650 | 9.050 | 9.350 | 9.500 | | | |
| 09/07/90 | 8.320 | 8.125 | 8.0625 | 8.200 | 8.250 | 8.400 | 8.550 | 8.700 | 9.050 | 9.350 | 9.500 | | | |
| 08/31/90 | 8.300 | 8.0625 | 8.0625 | 8.200 | 8.250 | 8.400 | 8.550 | 8.750 | 9.150 | 9.400 | 9.550 | | | |
| 08/24/90 | 8.300 | 8.25 | 8.3125 | 8.350 | 8.400 | 8.550 | 8.750 | 8.900 | 9.250 | 9.550 | 9.700 | | | |
| 08/17/90 | 8.340 | 8.1875 | 8.25 | 8.300 | 8.350 | 8.500 | 8.600 | 8.750 | 9.100 | 9.350 | 9.500 | | | |
| 08/10/90 | 8.280 | 8.0625 | 8.0625 | 8.350 | 8.350 | 8.300 | 8.450 | 8.600 | 8.950 | 9.250 | 9.400 | | | |
| 08/03/90 | 8.180 | 8.125 | 8.0625 | 8.350 | 8.350 | 8.100 | 8.250 | 8.400 | 8.650 | 8.950 | 9.100 | | | |
| 07/27/90 | 8.240 | 8.125 | 8.125 | 8.500 | 8.500 | 8.350 | 8.450 | 8.600 | 8.850 | 9.050 | 9.150 | | | |
| 07/20/90 | 8.220 | 8.125 | 8.125 | 8.550 | 8.550 | 8.400 | 8.500 | 8.650 | 8.900 | 9.100 | 9.200 | | | |
| 07/13/90 | 8.440 | 8.1875 | 8.1875 | 8.750 | 8.700 | 8.500 | 8.600 | 8.700 | 8.950 | 9.150 | 9.200 | | | |
| 07/06/90 | 8.560 | 8.375 | 8.375 | 8.700 | 8.700 | 8.700 | 8.850 | 8.900 | 9.050 | 9.250 | 9.250 | | | |
| 06/29/90 | 8.430 | 8.375 | 8.375 | 8.750 | 8.750 | 8.600 | 8.750 | 8.800 | 9.000 | 9.150 | 9.150 | | | |
| 06/22/90 | 8.490 | 8.375 | 8.375 | 8.750 | 8.800 | 8.700 | 8.850 | 8.900 | 9.100 | 9.250 | 9.250 | | | |
| 06/15/90 | 8.510 | 8.3125 | 8.375 | 8.700 | 8.750 | 8.650 | 8.850 | 8.900 | 9.050 | 9.200 | 9.200 | | | |
| 06/08/90 | 8.500 | 8.25 | 8.3125 | 8.650 | 8.700 | 8.600 | 8.800 | 8.900 | 9.050 | 9.150 | 9.250 | | | |
| 06/01/90 | 8.530 | 8.3125 | 8.4375 | 8.650 | 8.700 | 8.600 | 8.800 | 8.850 | 9.000 | 9.200 | 9.200 | | | |
| 05/25/90 | 8.530 | 8.3125 | 8.375 | 8.750 | 8.900 | 8.800 | 9.000 | 9.050 | 9.250 | 9.400 | 9.400 | | | |
| 05/18/90 | 8.490 | 8.3125 | 8.4375 | 8.750 | 8.850 | 8.850 | 9.050 | 9.150 | 9.300 | 9.500 | 9.500 | | | |
| 05/11/90 | 8.490 | 8.375 | 8.375 | 8.750 | 8.900 | 8.800 | 9.000 | 9.100 | 9.250 | 9.400 | 9.400 | | | |
| 05/04/90 | 8.450 | 8.375 | 8.5625 | 8.900 | 9.100 | 9.000 | 9.150 | 9.250 | 9.400 | 9.550 | 9.550 | | | |
| 04/27/90 | 8.510 | 8.5 | 8.625 | 9.000 | 9.200 | 9.200 | 9.500 | 9.550 | 9.700 | 9.850 | 9.850 | | | |
| 04/20/90 | 8.490 | 8.4375 | 8.625 | 8.900 | 9.050 | 9.050 | 9.250 | 9.300 | 9.400 | 9.550 | 9.600 | | | |
| 04/13/90 | 8.370 | 8.375 | 8.5 | 8.800 | 8.950 | 8.850 | 9.100 | 9.150 | 9.250 | 9.400 | 9.400 | | | |
| 04/06/90 | 8.510 | 8.4375 | 8.5 | 8.800 | 9.000 | 8.900 | 9.050 | 9.100 | 9.250 | 9.300 | 9.350 | | | |
| 03/30/90 | 8.660 | 8.375 | 8.5 | 8.850 | 9.000 | 9.000 | 9.200 | 9.250 | 9.350 | 9.500 | 9.400 | | | |
| 03/23/90 | 8.500 | 8.375 | 8.4375 | 8.850 | 9.000 | 9.000 | 9.100 | 9.150 | 9.200 | 9.350 | 9.300 | | | |
| 03/16/90 | 8.480 | 8.4375 | 8.625 | 8.900 | 9.050 | 9.000 | 9.200 | 9.150 | 9.250 | 9.350 | 9.350 | | | |
| 03/09/90 | 8.550 | 8.4375 | 8.5 | 8.850 | 8.900 | 9.000 | 9.200 | 9.200 | 9.300 | 9.450 | 9.400 | | | |
| 03/02/90 | 8.550 | 8.375 | 8.4375 | 8.700 | 8.800 | 8.750 | 8.950 | 9.000 | 9.100 | 9.300 | 9.250 | | | |
| 02/23/90 | 8.510 | 8.3125 | 8.375 | 8.700 | 8.750 | 8.750 | 8.950 | 8.950 | 9.100 | 9.300 | 9.300 | | | |
| 02/16/90 | 8.490 | 8.375 | 8.375 | 8.700 | 8.700 | 8.650 | 8.850 | 8.850 | 9.000 | 9.200 | 9.200 | | | |
| 02/09/90 | 8.470 | 8.3125 | 8.375 | 8.700 | 8.750 | 8.650 | 8.800 | 8.850 | 9.000 | 9.150 | 9.150 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 02/02/90 | 8.490 | 8.25 | 8.375 | 8.650 | 8.750 | 8.700 | 8.900 | 8.900 | 9.050 | 9.200 | 9.250 | | | |
| 01/26/90 | 8.490 | 8.3125 | 8.375 | 8.700 | 8.700 | 8.700 | 8.850 | 8.900 | 9.050 | 9.250 | 9.250 | | | |
| 01/19/90 | 8.450 | 8.3125 | 8.375 | 8.650 | 8.750 | 8.600 | 8.750 | 8.800 | 8.900 | 9.000 | 9.050 | | | |
| 01/12/90 | 8.470 | 8.25 | 8.25 | 8.600 | 8.550 | 8.400 | 8.500 | 8.550 | 8.700 | 8.850 | 8.900 | | | |
| 01/05/90 | 8.500 | 8.375 | 8.375 | 8.600 | 8.500 | 8.350 | 8.450 | 8.500 | 8.550 | 8.700 | 8.750 | | | |
| 12/29/89 | 8.890 | 8.5 | 8.375 | 8.800 | 8.550 | 8.400 | 8.450 | 8.500 | 8.550 | 8.700 | 8.700 | | | |
| 12/22/89 | 8.440 | 8.75 | 8.5 | 8.750 | 8.500 | 8.350 | 8.350 | 8.400 | 8.500 | 8.600 | 8.600 | | | |
| 12/15/89 | 8.790 | 8.875 | 8.5 | 8.900 | 8.700 | 8.300 | 8.250 | 8.300 | 8.400 | 8.600 | 8.600 | | | |
| 12/08/89 | 8.680 | 8.75 | 8.5625 | 8.850 | 8.600 | 8.350 | 8.350 | 8.350 | 8.450 | 8.600 | 8.600 | | | |
| 12/01/89 | 8.740 | 8.75 | 8.4375 | 8.750 | 8.500 | 8.300 | 8.350 | 8.350 | 8.500 | 8.600 | 8.650 | | | |
| 11/24/89 | 8.540 | 8.25 | 8.3125 | 8.650 | 8.500 | 8.250 | 8.250 | 8.300 | 8.400 | 8.550 | 8.600 | | | |
| 11/17/89 | 8.680 | 8.5625 | 8.4375 | 8.850 | 8.650 | 8.350 | 8.400 | 8.350 | 8.550 | 8.600 | 8.650 | | | |
| 11/10/89 | 8.710 | 8.5625 | 8.5625 | 8.900 | 8.750 | 8.500 | 8.450 | 8.500 | 8.600 | 8.650 | 8.650 | | | |
| 11/03/89 | 8.980 | 8.75 | 8.75 | 9.050 | 8.950 | 8.600 | 8.600 | 8.600 | 8.700 | 8.750 | 8.750 | | | |
| 10/27/89 | | 8.6875 | 8.6875 | 9.000 | 8.800 | 8.550 | 8.450 | 8.500 | 8.600 | 8.700 | 8.650 | | | |
| 10/20/89 | | 8.75 | 8.6875 | 9.000 | 8.850 | 8.550 | 8.500 | 8.550 | 8.650 | 8.750 | 8.750 | | | |
| 10/13/89 | | 8.75 | 8.75 | 9.150 | 8.950 | 9.750 | 8.650 | 8.600 | 8.700 | 8.800 | 8.800 | | | |
| 10/06/89 | | 9 | 9.0625 | 9.300 | 9.250 | 8.800 | 8.700 | 8.650 | 8.750 | 8.800 | 8.800 | | | |
| 09/29/89 | | 9.125 | 9.1875 | 9.450 | 9.450 | 9.150 | 9.100 | 9.100 | 9.100 | 9.150 | 9.050 | | | |
| 09/22/89 | | 9 | 8.9375 | 9.300 | 9.250 | 8.950 | 8.900 | 8.850 | 8.900 | 9.000 | 8.950 | | | |
| 09/15/89 | | 8.9375 | 8.875 | 9.200 | 9.050 | 8.800 | 8.700 | 8.700 | 8.750 | 8.850 | 8.850 | | | |
| 09/08/89 | | 9 | 9 | 9.250 | 9.250 | 8.950 | 8.950 | 8.900 | 8.950 | 9.000 | 8.900 | | | |
| 09/01/89 | | 9 | 9 | 9.350 | 9.400 | 9.000 | 9.000 | 8.950 | 8.950 | 9.000 | 9.000 | | | |
| 08/25/89 | | 9 | 8.9375 | 9.250 | 9.250 | 9.050 | 9.100 | 9.050 | 9.050 | 9.050 | 9.050 | | | |
| 08/18/89 | | 9 | 8.9375 | 9.300 | 9.250 | 8.900 | 8.900 | 8.850 | 8.900 | 8.950 | 8.950 | | | |
| 08/11/89 | | 8.9375 | 8.75 | 9.000 | 8.800 | 8.800 | 8.750 | 8.700 | 8.750 | 8.750 | 8.800 | | | |
| 08/04/89 | | 8.75 | 8.5625 | 9.000 | 8.900 | 8.700 | 8.600 | 8.600 | 8.650 | 8.650 | 8.700 | | | |
| 07/28/89 | | 8.875 | 8.75 | 9.200 | 9.000 | 8.500 | 8.400 | 8.400 | 8.450 | 8.600 | 8.750 | | | |
| 07/21/89 | | 9.125 | 8.9375 | 9.350 | 9.200 | 8.800 | 8.650 | 8.700 | 8.700 | 8.800 | 8.900 | | | |
| 07/14/89 | | 9.0625 | 8.875 | 9.300 | 9.150 | 8.600 | 8.450 | 8.500 | 8.600 | 8.700 | 8.850 | | | |
| 07/07/89 | | 9.3125 | 9.1875 | 9.500 | 9.350 | 8.750 | 8.550 | 8.550 | 8.650 | 8.750 | 8.850 | | | |
| 06/30/89 | | 9.4375 | 9.3125 | 9.850 | 9.550 | 9.000 | 8.850 | 8.800 | 8.800 | 8.950 | 8.950 | | | |
| 06/23/89 | | 9.625 | 9.5625 | 9.900 | 9.850 | 9.350 | 9.100 | 9.100 | 9.100 | 9.150 | 9.150 | | | |
| 06/16/89 | | 9.5 | 9.4375 | 9.900 | 9.800 | 9.350 | 9.250 | 9.200 | 9.150 | 9.200 | 9.200 | | | |
| 06/09/89 | | 9.375 | 9.25 | 9.700 | 9.650 | 9.250 | 9.100 | 9.100 | 9.050 | 9.100 | 9.100 | | | |
| 06/02/89 | | 9.75 | 9.625 | 9.950 | 9.900 | 9.450 | 9.300 | 9.250 | 9.250 | 9.250 | 9.300 | | | |
| 05/26/89 | | 9.75 | 9.75 | 10.150 | 10.150 | 9.900 | 9.700 | 9.600 | 9.500 | 9.550 | 9.500 | | | |
| 05/19/89 | | 9.75 | 9.6875 | 10.100 | 10.150 | 9.900 | 9.700 | 9.650 | 9.600 | 9.600 | 9.600 | | | |
| 05/12/89 | | 9.875 | 9.9375 | 10.150 | 10.100 | 9.800 | 9.700 | 9.600 | 9.650 | 9.700 | 9.700 | | | |
| 05/05/89 | | 9.875 | 10 | 10.350 | 10.400 | 10.100 | 9.950 | 9.850 | 9.850 | 9.850 | 9.850 | | | |
| 04/28/89 | | 9.875 | 10.0625 | 10.400 | 10.500 | 10.200 | 10.100 | 10.050 | 9.950 | 9.950 | 9.950 | | | |
| 04/21/89 | | 10 | 10.125 | 10.600 | 10.800 | 10.450 | 10.300 | 10.250 | 10.150 | 10.150 | 10.100 | | | |
| 04/14/89 | | 10.0625 | 10.3125 | 10.700 | 10.900 | 10.500 | 10.350 | 10.350 | 10.200 | 10.250 | 10.150 | | | |
| 04/07/89 | | 10.0625 | 10.3125 | 10.600 | 10.900 | 10.550 | 10.550 | 10.400 | 10.250 | 10.250 | 10.200 | | | |
| 03/31/89 | | 10.0625 | 10.3125 | 10.750 | 11.100 | 10.800 | 10.600 | 10.600 | 10.450 | 10.350 | 10.250 | | | |
| 03/24/89 | | 10.125 | 10.375 | 10.800 | 11.100 | 10.800 | 10.600 | 10.650 | 10.500 | 10.400 | 10.350 | | | |
| 03/17/89 | | 10.0625 | 10.1875 | 10.800 | 11.050 | 10.800 | 10.750 | 10.750 | 10.550 | 10.500 | 10.450 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 03/10/89 | | 10.0625 | 10.1875 | 10.650 | 10.950 | 10.550 | 10.450 | 10.400 | 10.300 | 10.250 | 10.200 | | | |
| 03/03/89 | | 10 | 10.125 | 10.600 | 10.900 | 10.250 | 10.200 | 10.150 | 10.150 | 10.150 | 10.200 | | | |
| 02/24/89 | | 9.75 | 10.0625 | 10.450 | 10.750 | 10.350 | 10.350 | 10.300 | 10.300 | 10.300 | 10.250 | | | |
| 02/17/89 | | 9.5 | 9.75 | 10.150 | 10.400 | 10.150 | 10.100 | 10.100 | 10.100 | 10.100 | 10.100 | | | |
| 02/10/89 | | 9.4375 | 9.625 | 10.000 | 10.250 | 10.050 | 10.050 | 10.100 | 10.050 | 10.050 | 10.050 | | | |
| 02/03/89 | | 9.25 | 9.375 | 9.850 | 10.050 | 9.850 | 9.950 | 9.950 | 9.900 | 9.900 | 9.900 | | | |
| 01/27/89 | | 9.25 | 9.4375 | 9.800 | 10.000 | 9.750 | 9.750 | 9.750 | 9.750 | 9.750 | 9.750 | | | |
| 01/20/89 | | 9.25 | 9.375 | 9.750 | 10.000 | 9.750 | 9.800 | 9.800 | 9.800 | 9.850 | 9.800 | | | |
| 01/13/89 | | 9.25 | 9.4375 | 9.800 | 10.050 | 9.900 | 9.850 | 9.800 | 9.850 | 9.900 | 9.900 | | | |
| 01/06/89 | | 9.25 | 9.4375 | 9.800 | 10.000 | 10.000 | 10.050 | 10.100 | 10.100 | 10.150 | 10.150 | | | |
| 12/30/88 | | 9.1875 | 9.62 | 9.750 | 9.850 | 9.800 | 9.750 | 9.850 | 9.850 | 10.000 | 10.000 | | | |
| 12/23/88 | | 8.5625 | 9.375 | 9.750 | 9.850 | 9.800 | 9.700 | 9.800 | 9.800 | 9.900 | 9.950 | | | |
| 12/16/88 | | 9.8125 | 9.625 | 9.950 | 10.050 | 9.900 | 9.800 | 9.850 | 9.900 | 10.000 | 10.000 | | | |
| 12/09/88 | | 9.5625 | 9.4375 | 9.800 | 9.850 | 9.600 | 9.750 | 9.800 | 9.800 | 9.900 | 9.900 | | | |
| 12/02/88 | | 9.4375 | 9.25 | 9.850 | 9.950 | 9.550 | 9.800 | 9.850 | 9.850 | 9.950 | 9.950 | | | |
| 11/25/88 | | 8.625 | 9.1875 | 9.800 | 9.850 | 9.450 | 9.700 | 9.800 | 9.900 | 9.950 | 10.000 | | | |
| 11/18/88 | | 8.6875 | 9.1875 | 9.450 | 9.600 | 9.400 | 9.450 | 9.550 | 9.700 | 9.800 | 9.850 | | | |
| 11/10/88 | | 8.5625 | 8.9375 | 9.200 | 9.250 | 9.200 | 9.350 | 9.400 | 9.500 | 9.600 | 9.750 | | | |
| 11/04/88 | | 8.375 | 8.625 | 9.000 | 9.100 | 9.000 | 9.150 | 9.200 | 9.350 | 9.450 | 9.600 | | | |
| 10/28/88 | | 8.375 | 8.625 | 8.950 | 9.150 | 8.950 | 9.050 | 9.100 | 9.200 | 9.350 | 9.550 | | | |
| 10/21/88 | | 8.375 | 8.6875 | 8.950 | 9.150 | 9.000 | 9.100 | 9.200 | 9.300 | 9.500 | 9.600 | | | |
| 10/14/88 | | 8.3125 | 8.625 | 8.900 | 9.100 | 9.000 | 9.050 | 9.150 | 9.250 | 9.500 | 9.600 | | | |
| 10/07/88 | | 8.3125 | 8.625 | 8.950 | 9.100 | 8.950 | 9.050 | 9.100 | 9.200 | 9.400 | 9.550 | | | |
| 09/30/88 | | 8.375 | 8.625 | 8.900 | 9.150 | 9.050 | 9.200 | 9.250 | 9.350 | 9.550 | 9.700 | | | |
| 09/23/88 | | 8.25 | 8.3125 | 8.800 | 9.050 | 9.050 | 9.250 | 9.350 | 9.500 | 9.700 | 9.850 | | | |
| 09/16/88 | | 8.25 | 8.375 | 8.850 | 9.100 | 9.050 | 9.150 | 9.250 | 9.350 | 9.650 | 9.800 | | | |
| 09/09/88 | | 8.3125 | 8.375 | 8.900 | 9.200 | 9.050 | 9.200 | 9.300 | 9.500 | 9.700 | 9.850 | | | |
| 09/02/88 | | 8.4375 | 8.625 | 9.000 | 9.400 | 9.050 | 9.250 | 9.350 | 9.550 | 9.800 | 10.000 | | | |
| 08/26/88 | | 8.375 | 8.75 | 9.150 | 9.450 | 9.250 | 9.550 | 9.700 | 9.850 | 10.100 | 10.350 | | | |
| 08/19/88 | | 8.375 | 8.6875 | 9.100 | 9.350 | 9.200 | 9.500 | 9.550 | 9.800 | 10.050 | 10.300 | | | |
| 08/12/88 | | 8.375 | 8.75 | 9.050 | 9.350 | 9.100 | 9.400 | 9.600 | 9.800 | 10.050 | 10.300 | | | |
| 08/05/88 | | 8 | 8.3125 | 8.750 | 9.000 | 8.850 | 9.150 | 9.350 | 9.600 | 9.800 | 10.500 | | | |
| 07/29/88 | | 8.125 | 8.4375 | 8.700 | 9.000 | 8.850 | 9.150 | 9.300 | 9.600 | 9.850 | 10.100 | | | |
| 07/22/88 | | 8.0625 | 8.375 | 8.700 | 8.950 | 8.750 | 9.100 | 9.300 | 9.600 | 9.850 | 10.100 | | | |
| 07/15/88 | | 8.0625 | 8.375 | 8.650 | 8.950 | 8.800 | 8.900 | 9.150 | 9.500 | 9.800 | 10.050 | | | |
| 07/08/88 | | 7.8125 | 8 | 8.450 | 8.600 | 8.600 | 9.000 | 9.150 | 9.450 | 9.750 | 9.950 | | | |
| 07/01/88 | | 7.8125 | 7.875 | 8.250 | 8.400 | 8.350 | 8.750 | 8.900 | 9.200 | 9.500 | 9.750 | | | |
| 06/24/88 | | 7.6875 | 7.75 | 8.200 | 8.350 | 8.400 | 8.800 | 8.950 | 9.300 | 9.600 | 9.850 | | | |
| 06/17/88 | | 7.625 | 7.6875 | 8.150 | 8.350 | 8.450 | 8.850 | 9.050 | 9.400 | 9.650 | 9.950 | | | |
| 06/10/88 | | 7.5625 | 7.6875 | 8.100 | 8.350 | 8.400 | 8.700 | 8.900 | 9.300 | 9.600 | 9.900 | | | |
| 06/03/88 | | 7.625 | 7.75 | 8.150 | 8.300 | 8.500 | 8.850 | 9.050 | 9.400 | 9.700 | 10.000 | | | |
| 05/27/88 | | 7.5625 | 7.75 | 8.100 | 8.300 | 8.600 | 9.000 | 9.220 | 9.600 | 9.950 | 10.250 | | | |
| 05/20/88 | | 7.25 | 7.5 | 7.900 | 8.150 | 8.300 | 8.800 | 9.070 | 9.450 | 9.850 | 10.150 | | | |
| 05/13/88 | | 7.25 | 7.5 | 7.850 | 8.050 | 8.200 | 8.600 | 8.900 | 9.300 | 9.650 | 9.900 | | | |
| 05/06/88 | | 7.125 | 7.1875 | 7.700 | 8.000 | 8.100 | 8.550 | 8.850 | 9.300 | 9.650 | 9.900 | | | |
| 04/29/88 | | 7.125 | 7.3125 | 7.650 | 7.450 | 7.950 | 8.450 | 8.700 | 9.200 | 9.600 | 9.850 | | | |
| 04/22/88 | | 7.125 | 7.1875 | 7.600 | 7.450 | 7.900 | 8.400 | 8.600 | 9.100 | 9.500 | 9.750 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 04/15/88 | | 6.9375 | 7.125 | 7.550 | 7.750 | 7.850 | 8.350 | 8.550 | 9.100 | 9.500 | 9.750 | | | |
| 04/08/88 | | 7 | 7.125 | 7.450 | 7.650 | 7.750 | 8.200 | 8.400 | 8.900 | 9.250 | 9.550 | | | |
| 04/01/88 | | 6.8125 | 6.9375 | 7.300 | 7.500 | 7.550 | 8.100 | 8.350 | 8.850 | 9.250 | 9.550 | | | |
| 03/25/88 | | 6.8125 | 6.9375 | 7.300 | 7.450 | 7.550 | 8.100 | 8.350 | 8.850 | 9.200 | 9.500 | | | |
| 03/18/88 | | 6.8125 | 6.8125 | 7.200 | 7.350 | 7.400 | 7.850 | 8.100 | 8.600 | 8.950 | 9.300 | | | |
| 03/11/88 | | 6.8125 | 6.9375 | 7.200 | 7.350 | 7.450 | 7.900 | 8.150 | 8.600 | 9.000 | 9.300 | | | |
| 03/04/88 | | 6.75 | 6.75 | 7.250 | 7.350 | 7.450 | 7.850 | 8.150 | 8.500 | 8.950 | 9.250 | | | |
| 02/26/88 | | 6.8125 | 6.875 | 7.200 | 7.300 | 7.350 | 7.900 | 8.100 | 8.500 | 8.850 | 9.150 | | | |
| 02/19/88 | | 6.8125 | 6.875 | 7.250 | 7.400 | 7.350 | 7.950 | 8.100 | 8.550 | 8.950 | 9.300 | | | |
| 02/12/88 | | 6.625 | 6.6875 | 7.100 | 7.200 | 7.350 | 8.000 | 8.150 | 8.600 | 8.950 | 9.250 | | | |
| 02/05/88 | | 6.8125 | 6.875 | 7.150 | 7.250 | 7.350 | 7.850 | 8.050 | 8.500 | 8.850 | 9.100 | | | |
| 01/29/88 | | 6.8125 | 6.875 | 7.250 | 7.350 | 7.500 | 8.050 | 8.250 | 8.650 | 9.000 | 9.300 | | | |
| 01/22/88 | | 6.9375 | 7.125 | 7.400 | 7.550 | 7.700 | 8.250 | 8.450 | 8.900 | 9.250 | 9.500 | | | |
| 01/15/88 | | 7.0625 | 7.4375 | 7.500 | 7.700 | 7.900 | 8.350 | 8.600 | 9.100 | 9.450 | 9.750 | | | |
| 01/08/88 | | 7.0625 | 7.3125 | 7.650 | 7.900 | 8.000 | 8.700 | 8.950 | 9.400 | 9.750 | 10.050 | | | |
| 12/31/87 | | 7.1875 | 7.4375 | 7.650 | 7.800 | 8.050 | 8.550 | 8.800 | 9.250 | 9.600 | 9.900 | | | |
| 12/24/87 | | 8.0625 | 7.9375 | 8.150 | 8.150 | 8.250 | 8.650 | 8.900 | 9.350 | 9.650 | 9.950 | | | |
| 12/18/87 | | 8.3125 | 8.125 | 8.350 | 8.350 | 8.400 | 8.650 | 8.900 | 9.350 | 9.700 | 10.000 | | | |
| 12/11/87 | | 8.4375 | 8.25 | 8.500 | 8.550 | 8.400 | 8.800 | 9.100 | 9.650 | 10.100 | 10.400 | | | |
| 12/04/87 | | 8 | 7.8125 | 8.100 | 8.250 | 8.150 | 8.500 | 8.800 | 9.350 | 9.700 | 10.000 | | | |
| 11/27/87 | | 8.0625 | 7.875 | 7.950 | 8.050 | 8.150 | 8.650 | 8.950 | 9.450 | 9.850 | 10.100 | | | |
| 11/20/87 | | 6.9375 | 7.5 | 7.800 | 7.900 | 8.050 | 8.500 | 8.750 | 9.200 | 9.600 | 9.900 | | | |
| 11/13/87 | | 6.875 | 7.4375 | 7.700 | 7.850 | 8.050 | 8.500 | 8.800 | 9.300 | 9.700 | 9.900 | | | |
| 11/06/87 | | 6.6875 | 7.1875 | 7.600 | 7.750 | 7.950 | 8.450 | 8.800 | 9.300 | 9.650 | 9.900 | | | |
| 10/30/87 | | 7.125 | 7.625 | 7.950 | 8.100 | 8.150 | 8.500 | 8.900 | 9.350 | 9.750 | 10.050 | | | |
| 10/23/87 | | 7.0625 | 7.6875 | 7.750 | 7.850 | 8.300 | 8.700 | 9.000 | 9.550 | 9.900 | 10.100 | | | |
| 10/16/87 | | 8.125 | 8.1875 | 9.550 | 9.800 | 9.650 | 10.000 | 10.250 | 10.780 | 11.050 | 11.150 | | | |
| 10/09/87 | | 7.75 | 8.625 | 9.150 | 9.350 | 9.300 | 9.700 | 10.000 | 10.400 | 10.750 | 10.950 | | | |
| 10/02/87 | | 7.6875 | 8.25 | 8.550 | 8.850 | 8.950 | 9.400 | 9.750 | 10.150 | 10.600 | 10.800 | | | |
| 09/25/87 | | 7.625 | 7.6875 | 8.150 | 8.500 | 8.800 | 9.250 | 9.550 | 9.900 | 10.350 | 10.600 | | | |
| 09/18/87 | | 7.5625 | 7.6875 | 8.100 | 8.450 | 8.650 | 9.000 | 9.350 | 9.750 | 10.150 | 10.450 | | | |
| 09/11/87 | | 7.5 | 7.625 | 8.100 | 8.450 | 8.600 | 9.050 | 9.350 | 9.800 | 10.150 | 10.400 | | | |
| 09/04/87 | | 7.3125 | 7.3125 | 7.500 | 7.750 | 8.000 | 8.400 | 9.000 | 9.300 | 10.100 | 10.350 | | | |
| 08/28/87 | | 7.125 | 7.25 | 7.450 | 7.700 | 7.950 | 8.700 | 8.900 | 9.400 | 9.850 | 10.100 | | | |
| 08/21/87 | | 6.8125 | 7.0625 | 7.350 | 7.600 | 7.750 | 8.500 | 8.700 | 9.200 | 9.550 | 9.800 | | | |
| 08/14/87 | | 6.75 | 7 | 7.300 | 7.450 | 7.700 | 8.350 | 8.600 | 9.100 | 9.450 | 9.700 | | | |
| 08/07/87 | | 6.75 | 7.0625 | 7.350 | 7.600 | 7.750 | 8.400 | 8.650 | 9.200 | 9.550 | 9.850 | | | |
| 07/31/87 | | 6.8125 | 7 | 7.300 | 7.550 | 7.750 | 8.350 | 8.600 | 9.150 | 9.500 | 9.750 | | | |
| 07/24/87 | | 6.75 | 7.0625 | 7.250 | 7.500 | 7.650 | 8.200 | 8.500 | 9.050 | 9.400 | 9.700 | | | |
| 07/17/87 | | 6.75 | 6.9375 | 7.200 | 7.350 | 7.450 | 8.000 | 8.300 | 8.850 | 9.150 | 9.400 | | | |
| 07/10/87 | | 6.875 | 7 | 7.300 | 7.450 | 7.500 | 8.100 | 8.350 | 8.850 | 9.150 | 9.400 | | | |
| 07/03/87 | | 6.9375 | 7.0625 | 7.350 | 7.500 | 7.550 | 8.050 | 8.400 | 8.850 | 9.010 | 9.400 | | | |
| 06/26/87 | | 7.1875 | 7.375 | 7.550 | 7.650 | 7.750 | 8.250 | 8.550 | 8.950 | 9.060 | 9.400 | | | |
| 06/19/87 | | 7.125 | 7.25 | 7.550 | 7.650 | 7.750 | 8.200 | 8.500 | 8.900 | 9.010 | 9.400 | | | |
| 06/12/87 | | 7.0625 | 7.125 | 7.500 | 7.750 | 7.850 | 8.250 | 8.550 | 8.950 | 9.260 | 9.450 | | | |
| 06/05/87 | | 7.125 | 7.25 | 7.600 | 7.900 | 7.950 | 8.400 | 8.650 | 9.100 | 9.410 | 9.600 | | | |
| 05/29/87 | | 7.25 | 7.375 | 7.750 | 8.000 | 7.950 | 8.400 | 8.650 | 9.100 | 9.360 | 9.600 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 05/22/87 | | 7.3125 | 7.6875 | 7.900 | 8.200 | 8.150 | 8.750 | 9.000 | 9.450 | 9.710 | 9.900 | | | |
| 05/15/87 | | 7 | 7.25 | 7.600 | 7.800 | 7.950 | 8.650 | 8.900 | 9.250 | 9.610 | 9.800 | | | |
| 05/08/87 | | 6.9375 | 7.1875 | 7.450 | 7.650 | 7.650 | 8.300 | 8.550 | 8.900 | 9.310 | 9.500 | | | |
| 05/01/87 | | 7 | 7.1875 | 7.450 | 7.600 | 7.500 | 8.150 | 8.450 | 8.750 | 9.160 | 9.400 | | | |
| 04/24/87 | | 6.8125 | 7.0625 | 7.300 | 7.600 | 7.550 | 8.150 | 8.450 | 8.850 | 9.260 | 9.500 | | | |
| 04/17/87 | | 6.75 | 6.875 | 7.050 | 7.200 | 7.150 | 7.700 | 8.000 | 8.400 | 8.800 | 9.100 | | | |
| 04/10/87 | | 6.625 | 6.75 | 7.000 | 7.100 | 7.250 | 7.550 | 7.850 | 8.300 | 8.600 | 8.900 | | | |
| 04/03/87 | | 6.5 | 6.625 | 6.850 | 6.950 | 6.800 | 7.250 | 7.500 | 7.900 | 8.250 | 8.500 | | | |
| 03/27/87 | | 6.5 | 6.5 | 6.850 | 6.850 | 6.750 | 7.100 | 7.250 | 7.650 | 7.950 | 8.250 | | | |
| 03/20/87 | | 6.4375 | 6.4375 | 6.800 | 6.800 | 6.650 | 7.100 | 7.200 | 7.600 | 7.900 | 8.150 | | | |
| 03/13/87 | | 6.5625 | 6.5 | 6.800 | 6.800 | 6.650 | 7.050 | 7.200 | 7.550 | 7.900 | 8.150 | | | |
| 03/06/87 | | 6.4375 | 6.4375 | 6.650 | 6.700 | 6.650 | 7.100 | 7.300 | 7.600 | 7.950 | 8.200 | | | |
| 02/27/87 | | 6.5 | 6.4375 | 6.700 | 6.750 | 6.550 | 7.000 | 7.200 | 7.600 | 7.850 | 8.150 | | | |
| 02/20/87 | | 6.3125 | 6.4375 | 6.650 | 6.650 | 6.550 | 7.000 | 7.200 | 7.600 | 7.900 | 8.200 | | | |
| 02/13/87 | | 6.4375 | 6.4375 | 6.700 | 6.700 | 6.650 | 7.050 | 7.250 | 7.600 | 7.950 | 8.250 | | | |
| 02/06/87 | | 6.1875 | 6.25 | 6.550 | 6.600 | 6.650 | 7.050 | 7.150 | 7.500 | 7.850 | 8.200 | | | |
| 01/30/87 | | 6.25 | 6.25 | 6.450 | 6.450 | 6.550 | 7.000 | 7.150 | 7.550 | 7.850 | 8.200 | | | |
| 01/23/87 | | 6.1875 | 6.1875 | 6.400 | 6.350 | 6.400 | 6.900 | 7.020 | 7.450 | 7.750 | 8.100 | | | |
| 01/16/87 | | 6.125 | 6.125 | 6.400 | 6.400 | 6.400 | 6.850 | 7.000 | 7.450 | 7.750 | 8.050 | | | |
| 01/09/87 | | 6.125 | 6.125 | 6.350 | 6.350 | 6.450 | 6.850 | 7.000 | 7.450 | 7.800 | 8.050 | | | |
| 01/02/87 | | 6.5625 | 6.375 | 6.550 | 6.450 | 6.550 | 7.000 | 7.150 | 7.600 | 7.900 | 8.200 | | | |
| 12/26/86 | | 7.875 | 6.6875 | 6.800 | 6.600 | 6.650 | 7.000 | 7.100 | 7.500 | 7.850 | 8.150 | | | |
| 12/19/86 | | 7.4375 | 6.5625 | 6.400 | 6.400 | 6.450 | 6.900 | 7.050 | 7.650 | 8.100 | 8.450 | | | |
| 12/12/86 | | 6.4375 | 6.1875 | 6.500 | 6.450 | 6.500 | 6.900 | 7.000 | 7.500 | 7.850 | 8.200 | | | |
| 12/05/86 | | 6.4375 | 6.125 | 6.350 | 6.300 | 6.450 | 6.850 | 7.050 | 7.500 | 7.850 | 8.200 | | | |
| 11/28/86 | | 6.0125 | 6.125 | 6.400 | 6.350 | 6.400 | 6.850 | 7.050 | 7.550 | 7.950 | 8.300 | | | |
| 11/21/86 | | 6.125 | 6.0625 | 6.350 | 6.350 | 6.400 | 6.850 | 7.050 | 7.550 | 8.000 | 8.350 | | | |
| 11/14/86 | | 6.125 | 6.0125 | 6.400 | 6.400 | 6.500 | 6.950 | 7.200 | 7.750 | 8.200 | 8.500 | | | |
| 11/07/86 | | 6.0125 | 6.0125 | 6.400 | 6.450 | 6.500 | 7.000 | 7.200 | 7.800 | 8.300 | 8.650 | | | |
| 10/31/86 | | 6 | 6 | 6.200 | 6.200 | 6.400 | 6.850 | 7.150 | 7.700 | 8.200 | 8.500 | | | |
| 10/24/86 | | 6.0125 | 6.0125 | 6.350 | 6.350 | 6.450 | 7.000 | 7.200 | 7.750 | 8.300 | 8.650 | | | |
| 10/17/86 | | 6 | 6.0625 | 6.300 | 6.350 | 6.400 | 6.900 | 7.200 | 7.850 | 8.400 | 8.750 | | | |
| 10/10/86 | | 5.875 | 5.875 | 6.100 | 6.100 | 6.250 | 6.800 | 7.100 | 7.700 | 8.250 | 8.600 | | | |
| 10/03/86 | | 5.8125 | 5.8125 | 6.200 | 6.200 | 6.300 | 6.850 | 7.150 | 7.700 | 8.250 | 8.550 | | | |
| 09/26/86 | | 6.125 | 6.125 | 6.350 | 6.350 | 6.450 | 7.100 | 7.350 | 7.900 | 8.450 | 8.800 | | | |
| 09/19/86 | | 6.1875 | 6.125 | 6.350 | 6.350 | 6.600 | 7.200 | 7.500 | 8.100 | 8.600 | 8.900 | | | |
| 09/12/86 | | 6.0625 | 6.0625 | 6.300 | 6.300 | 6.400 | 7.050 | 7.400 | 8.000 | 8.400 | 8.700 | | | |
| 09/05/86 | | 5.9375 | 5.875 | 6.100 | 6.100 | 6.350 | 6.850 | 7.150 | 7.600 | 8.100 | 8.350 | | | |
| 08/29/86 | | 5.75 | 5.5625 | 6.000 | 6.000 | 6.150 | 6.600 | 6.850 | 7.350 | 7.750 | 8.100 | | | |
| 08/22/86 | | 6 | 5.9375 | 6.300 | 6.300 | 6.400 | 6.800 | 7.000 | 7.550 | 7.950 | 8.250 | | | |
| 08/15/86 | | 6.3125 | 6.1875 | 6.550 | 6.500 | 6.600 | 7.050 | 7.200 | 7.750 | 8.100 | 8.350 | | | |
| 08/08/86 | | 6.5 | 6.4375 | 6.750 | 6.750 | 6.800 | 7.300 | 7.450 | 7.950 | 8.300 | 8.600 | | | |
| 08/01/86 | | 6.5 | 6.4375 | 6.800 | 6.850 | 6.800 | 7.350 | 7.500 | 8.000 | 8.300 | 8.600 | | | |
| 07/25/86 | | 6.5625 | 6.5625 | 6.850 | 6.900 | 6.950 | 7.450 | 7.600 | 8.050 | 8.300 | 8.550 | | | |
| 07/18/86 | | 6.4375 | 6.4375 | 6.900 | 6.900 | 6.800 | 7.250 | 7.400 | 7.900 | 8.200 | 8.400 | | | |
| 07/11/86 | | 6.6875 | 6.6875 | 6.950 | 6.950 | 6.800 | 7.350 | 7.600 | 8.050 | 8.250 | 8.550 | | | |
| 07/03/86 | | 7 | 6.875 | 7.050 | 7.000 | 6.900 | 7.450 | 7.700 | 8.100 | 8.250 | 8.450 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 06/27/86 | | 7.0625 | 7 | 7.200 | 7.100 | 7.150 | 7.590 | 7.750 | 8.150 | 8.300 | 8.450 | | | |
| 06/20/86 | | 6.9375 | 6.875 | 7.250 | 7.200 | 7.250 | 7.800 | 7.950 | 8.350 | 8.600 | 8.750 | | | |
| 06/13/86 | | 7.0625 | 7.0625 | 7.300 | 7.400 | 7.350 | 7.850 | 8.050 | 8.400 | 8.600 | 8.800 | | | |
| 06/06/86 | | 7.125 | 7.125 | 7.400 | 7.450 | 7.550 | 8.100 | 8.350 | 8.800 | 8.900 | 9.100 | | | |
| 05/30/86 | | 7.0625 | 7.125 | 7.400 | 7.450 | 7.550 | 8.050 | 8.250 | 8.600 | 8.850 | 9.000 | | | |
| 05/23/86 | | 7.0625 | 7.0625 | 7.300 | 7.350 | 7.400 | 7.950 | 8.100 | 8.550 | 8.810 | 8.900 | | | |
| 05/16/86 | | 7.0625 | 7.125 | 7.350 | 7.350 | 7.550 | 8.100 | 8.350 | 8.900 | 9.050 | 9.150 | | | |
| 05/09/86 | | 6.9375 | 6.875 | 7.150 | 7.100 | 7.200 | 7.600 | 7.700 | 8.100 | 8.450 | 8.550 | | | |
| 05/02/86 | | 7 | 6.9375 | 7.200 | 7.200 | 7.300 | 7.650 | 7.700 | 8.050 | 8.350 | 8.500 | | | |
| 04/25/86 | | 7 | 6.9375 | 7.200 | 7.200 | 7.300 | 7.700 | 7.900 | 8.200 | 8.450 | 8.600 | | | |
| 04/18/86 | | 6.6875 | 6.625 | 7.000 | 7.000 | 6.850 | 7.050 | 7.200 | 7.650 | 7.850 | 8.100 | | | |
| 04/11/86 | | 6.9375 | 6.875 | 7.100 | 7.100 | 7.050 | 7.350 | 7.450 | 7.900 | 8.050 | 8.300 | | | |
| 04/04/86 | | 7.375 | 7.25 | 7.500 | 7.400 | 7.300 | 7.550 | 7.700 | 8.000 | 8.150 | 8.300 | | | |
| 03/28/86 | | 7.5 | 7.3125 | 7.750 | 7.700 | 7.500 | 7.800 | 7.850 | 8.150 | 8.200 | 8.350 | | | |
| 03/21/86 | | 7.625 | 7.5 | 7.750 | 7.750 | 7.700 | 7.850 | 7.900 | 8.250 | 8.400 | 8.600 | | | |
| 03/14/86 | | 7.5625 | 7.5 | 7.800 | 7.800 | 7.700 | 7.800 | 7.900 | 8.100 | 8.300 | 8.400 | | | |
| 03/07/86 | | 7.5625 | 7.5625 | 7.950 | 7.950 | 7.800 | 8.000 | 8.100 | 8.300 | 8.500 | 8.700 | | | |
| 02/28/86 | | 7.875 | 7.875 | 8.250 | 8.200 | 8.100 | 8.400 | 8.450 | 8.650 | 8.750 | 8.900 | | | |
| 02/21/86 | | 8 | 8 | 8.300 | 8.300 | 8.250 | 8.650 | 8.700 | 8.900 | 9.200 | 9.350 | | | |
| 02/14/86 | | 8 | 8 | 8.200 | 8.300 | 8.250 | 8.600 | 8.700 | 9.000 | 9.350 | 9.500 | | | |
| 02/07/86 | | 8.0625 | 8.0625 | 8.450 | 8.550 | 8.500 | 8.850 | 9.050 | 9.350 | 9.750 | 9.950 | | | |
| 01/31/86 | | 8.0625 | 8.0625 | 8.350 | 8.450 | 8.250 | 8.650 | 8.850 | 9.200 | 9.600 | 9.800 | | | |
| 01/24/86 | | 8.125 | 8.125 | 8.450 | 8.550 | 8.350 | 8.800 | 9.000 | 9.350 | 9.800 | 9.950 | | | |
| 01/17/86 | | 8.125 | 8.125 | 8.450 | 8.500 | 8.450 | 8.850 | 9.050 | 9.400 | 9.800 | 9.950 | | | |
| 01/10/86 | | 8.1875 | 8.1875 | 8.500 | 8.550 | 8.550 | 8.900 | 9.150 | 9.450 | 9.850 | 10.000 | | | |
| 01/03/86 | | 8.1875 | 8.0625 | 8.400 | 8.400 | 8.300 | 8.650 | 8.850 | 9.200 | 9.650 | 9.850 | | | |
| 12/27/85 | | 8.375 | 8.0625 | 8.500 | 8.500 | 8.200 | 8.550 | 8.800 | 9.150 | 9.500 | 9.700 | | | |
| 12/20/85 | | 8.2875 | 7.9375 | 8.400 | 8.400 | 8.300 | 8.700 | 8.900 | 9.250 | 9.650 | 9.850 | | | |
| 12/13/85 | | 8.125 | 7.9375 | 8.350 | 8.350 | 8.150 | 8.650 | 8.950 | 9.400 | 9.800 | 10.000 | | | |
| 12/06/85 | | 8.3125 | 8.3125 | 8.550 | 8.600 | 8.550 | 9.200 | 9.400 | 9.950 | 10.300 | 10.450 | | | |
| 11/29/85 | | 8.1875 | 8.1875 | 8.500 | 8.550 | 8.500 | 9.150 | 9.350 | 9.900 | 10.300 | 10.450 | | | |
| 11/22/85 | | 8.13 | 8.13 | 8.500 | 8.500 | 8.600 | 9.250 | 9.450 | 9.950 | 10.350 | 10.500 | | | |
| 11/15/85 | | 8.25 | 8.25 | 8.650 | 8.650 | 8.750 | 9.600 | 9.850 | 10.350 | 10.700 | 10.900 | | | |
| 11/08/85 | | 8.125 | 8.125 | 8.500 | 8.550 | 8.600 | 9.500 | 9.800 | 10.350 | 10.650 | 10.800 | | | |
| 11/01/85 | | 8.05 | 8.15 | 8.500 | 8.650 | 8.700 | 9.650 | 9.900 | 10.500 | 10.800 | 11.000 | | | |
| 10/25/85 | | 8.1875 | 8.25 | 8.600 | 8.750 | 8.850 | 9.800 | 10.000 | 10.650 | 11.000 | 11.150 | | | |
| 10/18/85 | | 8.06 | 8.19 | 8.550 | 8.750 | 8.750 | 9.700 | 10.000 | 10.550 | 10.950 | 11.100 | | | |
| 10/11/85 | | 8.125 | 8.25 | 8.600 | 8.750 | 8.900 | 9.850 | 10.150 | 10.750 | 11.200 | 11.300 | | | |
| 10/04/85 | | 8 | 8.19 | 8.450 | 8.600 | 8.850 | 9.750 | 10.050 | 10.700 | 11.150 | 11.300 | | | |
| 09/27/85 | | 8 | 8.125 | 8.450 | 8.600 | 8.900 | 9.850 | 10.050 | 10.700 | 11.100 | 11.250 | | | |
| 09/20/85 | | 8.19 | 8.25 | 8.600 | 8.950 | 8.900 | 9.850 | 10.200 | 10.750 | 11.100 | 11.250 | | | |
| 09/13/85 | | 8.19 | 8.31 | 8.700 | 9.000 | 8.900 | 9.950 | 10.250 | 10.850 | 11.200 | 11.350 | | | |
| 09/06/85 | | 8.19 | 8.44 | 8.600 | 8.800 | 8.900 | 9.800 | 10.200 | 10.650 | 11.100 | 11.200 | | | |
| 08/30/85 | | 8.06 | 8.19 | 8.400 | 8.550 | 8.700 | 9.600 | 9.950 | 10.400 | 10.850 | 10.950 | | | |
| 08/23/85 | | 7.9375 | 8.0625 | 8.400 | 8.550 | 8.550 | 9.500 | 9.850 | 10.350 | 10.700 | 10.850 | | | |
| 08/16/85 | | 8.06 | 8.12 | 8.500 | 8.650 | 8.750 | 9.700 | 9.950 | 10.500 | 10.900 | 11.100 | | | |
| 08/09/85 | | 8 | 8.13 | 8.450 | 8.650 | 8.750 | 9.600 | 9.950 | 10.550 | 10.900 | 11.100 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 08/02/85 | | 7.9375 | 8.125 | 8.500 | 8.800 | 8.900 | 9.800 | 10.150 | 10.700 | 11.100 | 11.300 | | | |
| 07/26/85 | | 8 | 8.1875 | 8.450 | 8.650 | 8.650 | 9.700 | 10.000 | 10.650 | 11.100 | 11.250 | | | |
| 07/19/85 | | 8 | 8.19 | 8.400 | 8.550 | 8.550 | 9.550 | 9.850 | 10.400 | 10.850 | 10.950 | | | |
| 07/12/85 | | 7.88 | 8 | 8.350 | 8.500 | 8.450 | 9.350 | 9.650 | 10.250 | 10.700 | 10.850 | | | |
| 07/03/85 | | 7.75 | 7.8125 | 8.200 | 8.300 | 8.250 | 9.300 | 9.650 | 10.250 | 10.650 | 10.850 | | | |
| 06/28/85 | | 7.75 | 7.88 | 8.200 | 8.400 | 8.350 | 9.350 | 9.650 | 10.350 | 10.750 | 10.900 | | | |
| 06/21/85 | | 7.63 | 7.88 | 8.150 | 8.400 | 8.550 | 9.450 | 9.600 | 10.350 | 10.800 | 10.900 | | | |
| 06/14/85 | | 7.5 | 7.5 | 8.050 | 8.200 | 8.050 | 9.200 | 9.500 | 10.200 | 10.700 | 10.750 | | | |
| 06/07/85 | | 7.625 | 7.687 | 8.150 | 8.300 | 8.550 | 9.450 | 9.750 | 10.350 | 10.800 | 10.850 | | | |
| 05/31/85 | | 7.5625 | 7.625 | 8.250 | 8.450 | 8.700 | 9.700 | 10.050 | 10.550 | 10.950 | 11.100 | | | |
| 05/24/85 | | 7.6875 | 7.875 | 8.300 | 8.600 | 8.850 | 9.800 | 10.100 | 10.700 | 11.100 | 11.300 | | | |
| 05/17/85 | | 8.0625 | 8.1875 | 8.600 | 8.800 | 9.100 | 10.050 | 10.250 | 11.000 | 11.400 | 11.550 | | | |
| 05/10/85 | | 8.19 | 8.38 | 8.850 | 9.050 | 9.350 | 10.300 | 10.600 | 11.350 | 11.650 | 11.850 | | | |
| 05/03/85 | | 8.37 | 8.56 | 8.900 | 9.150 | 9.350 | 10.400 | 10.800 | 11.400 | 11.750 | 11.900 | | | |
| 04/26/85 | | 8.38 | 8.63 | 9.000 | 9.350 | 9.600 | 10.600 | 10.950 | 11.600 | 12.000 | 12.100 | | | |
| 04/19/85 | | 8.44 | 8.63 | 8.900 | 9.100 | 9.450 | 10.450 | 10.750 | 11.400 | 11.750 | 11.850 | | | |
| 04/12/85 | | 8.75 | 8.88 | 9.250 | 9.450 | 9.800 | 10.650 | 11.050 | 11.700 | 12.000 | 12.100 | | | |
| 04/05/85 | | 8.81 | 9.13 | 9.500 | 9.850 | 10.300 | 11.200 | 11.450 | 12.000 | 12.350 | 12.400 | | | |
| 03/29/85 | | 8.88 | 9.125 | 9.550 | 9.950 | 10.150 | 11.150 | 11.400 | 12.000 | 12.350 | 12.450 | | | |
| 03/22/85 | | 8.875 | 9.1875 | 9.550 | 10.100 | 10.450 | 11.400 | 11.600 | 12.200 | 12.500 | 12.550 | | | |
| 03/15/85 | | 8.9375 | 9.375 | 9.950 | 10.550 | 10.650 | 11.550 | 11.750 | 12.300 | 12.500 | 12.500 | | | |
| 03/08/85 | | 8.875 | 9.375 | 10.000 | 10.500 | 10.500 | 11.350 | 11.650 | 12.250 | 12.500 | 12.650 | | | |
| 03/01/85 | | 9.13 | 9.75 | 9.800 | 10.350 | 10.400 | 11.450 | 11.700 | 12.350 | 12.650 | 12.700 | | | |
| 02/22/85 | | 8.8125 | 9.375 | 9.550 | 10.000 | 9.900 | 10.850 | 11.200 | 11.950 | 12.250 | 12.350 | | | |
| 02/15/85 | | 8.75 | 9.13 | 9.350 | 9.600 | 9.750 | 10.600 | 10.950 | 11.550 | 11.900 | 12.050 | | | |
| 02/08/85 | | 8.6875 | 9 | 9.350 | 9.650 | 9.850 | 10.850 | 11.200 | 11.750 | 12.150 | 12.200 | | | |
| 02/01/85 | | 8.6875 | 8.875 | 9.100 | 9.300 | 9.800 | 10.750 | 11.150 | 11.600 | 11.900 | 12.050 | | | |
| 01/25/85 | | 8.31 | 8.44 | 8.700 | 9.000 | 9.400 | 10.450 | 10.800 | 11.300 | 11.650 | 11.800 | | | |
| 01/18/85 | | 8.25 | 8.44 | 8.800 | 9.100 | 9.600 | 10.650 | 11.100 | 11.600 | 12.050 | 12.150 | | | |
| 01/11/85 | | 8.31 | 8.56 | 8.850 | 9.150 | 9.650 | 10.600 | 11.100 | 11.750 | 12.050 | 12.150 | | | |
| 01/04/85 | | 8.44 | 8.75 | 8.950 | 9.200 | 9.700 | 10.600 | 11.050 | 11.750 | 12.150 | 12.300 | | | |
| 12/28/84 | | 8.375 | 8.625 | 9.150 | 9.400 | 9.750 | 10.600 | 11.000 | 11.650 | 12.050 | 12.150 | | | |
| 12/21/84 | | 8.3125 | 8.625 | 9.050 | 9.400 | 9.650 | 10.500 | 10.850 | 11.500 | 11.900 | 12.000 | | | |
| 12/14/84 | | 8.88 | 8.94 | 9.550 | 9.750 | 10.100 | 11.000 | 11.250 | 11.900 | 12.350 | 12.450 | | | |
| 12/07/84 | | 9.19 | 9.38 | 9.750 | 10.100 | 10.250 | 11.150 | 11.400 | 11.900 | 12.200 | 12.250 | | | |
| 11/30/84 | | | | 9.550 | 9.900 | 10.200 | 11.050 | 11.300 | 11.750 | 12.050 | 12.100 | | | |
| 11/23/84 | | | | 9.600 | 9.800 | 10.000 | 10.900 | 11.150 | 11.600 | 11.850 | 12.000 | | | |
| 11/16/84 | | | | 10.000 | 10.250 | 10.400 | 11.350 | 11.600 | 12.100 | 12.250 | 12.450 | | | |
| 11/09/84 | | | | 10.050 | 10.300 | 10.550 | 11.550 | 11.750 | 12.150 | 12.350 | 12.450 | | | |
| 11/02/84 | | | | 10.300 | 10.550 | 10.900 | 11.600 | 11.850 | 12.150 | 12.250 | 12.350 | | | |
| 10/26/84 | | | | 10.350 | 10.850 | 11.250 | 11.950 | 12.200 | 12.450 | 12.600 | 12.650 | | | |
| 10/19/84 | | | | 10.600 | 10.850 | 11.200 | 12.100 | 12.250 | 12.550 | 12.650 | 12.750 | | | |
| 10/12/84 | | | | 11.350 | 11.800 | 11.750 | 12.450 | 12.550 | 12.850 | 13.000 | 13.000 | | | |
| 10/05/84 | | | | 11.700 | 11.950 | 12.050 | 12.700 | 12.800 | 13.150 | 13.200 | 13.200 | | | |
| 09/28/84 | | | | 11.750 | 12.100 | 12.150 | 12.700 | 12.850 | 13.100 | 13.100 | 13.150 | | | |
| 09/21/84 | | | | 11.800 | 12.000 | 12.100 | 12.700 | 12.850 | 13.000 | 13.100 | 13.100 | | | |
| 09/14/84 | | | | 12.100 | 12.250 | 12.150 | 12.750 | 12.800 | 12.950 | 13.100 | 13.050 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 09/07/84 | | | | 12.300 | 12.550 | 12.550 | 13.200 | 13.250 | 13.500 | 13.550 | 13.500 | | | |
| 08/31/84 | | | | 12.350 | 12.600 | 12.650 | 13.300 | 13.300 | 13.550 | 13.600 | 13.550 | | | |
| 08/24/84 | | | | 12.250 | 12.500 | 12.500 | 13.100 | 13.150 | 13.350 | 13.450 | 13.450 | | | |
| 08/17/84 | | | | 12.250 | 12.500 | 12.450 | 13.050 | 13.100 | 13.350 | 13.450 | 13.450 | | | |
| 08/10/84 | | | | 12.200 | 12.350 | 12.350 | 12.900 | 12.950 | 13.200 | 13.300 | 13.350 | | | |
| 08/03/84 | | | | 12.050 | 12.300 | 12.400 | 13.000 | 13.050 | 13.250 | 13.250 | 13.250 | | | |
| 07/27/84 | | | | 12.050 | 12.450 | 12.400 | 13.250 | 13.350 | 13.550 | 13.650 | 13.650 | | | |
| 07/20/84 | | | | 12.250 | 12.800 | 12.650 | 13.550 | 13.600 | 13.950 | 14.000 | 14.050 | | | |
| 07/13/84 | | | | 12.250 | 12.750 | 12.700 | 13.600 | 13.700 | 14.050 | 14.050 | 14.050 | | | |
| 07/06/84 | | | | 12.450 | 12.900 | 13.050 | 13.900 | 14.100 | 14.550 | 14.650 | 14.700 | | | |
| 06/29/84 | | | | 11.400 | 12.350 | 13.000 | 13.950 | 14.200 | 14.550 | 14.650 | 14.650 | | | |
| 06/22/84 | | | | 11.400 | 12.400 | 13.100 | 14.000 | 14.100 | 14.550 | 14.600 | 14.650 | | | |
| 06/15/84 | | | | 11.150 | 12.050 | 12.550 | 13.350 | 13.600 | 13.900 | 13.950 | 14.100 | | | |
| 06/08/84 | | | | 11.250 | 12.250 | 12.750 | 13.400 | 13.700 | 14.200 | 14.350 | 14.400 | | | |
| 06/01/84 | | | | 11.150 | 12.300 | 12.750 | 13.600 | 13.900 | 14.450 | 14.450 | 14.600 | | | |
| 05/25/84 | | | | 11.300 | 12.200 | 12.600 | 13.500 | 13.700 | 14.250 | 14.350 | 14.550 | | | |
| 05/18/84 | | | | 11.350 | 12.100 | 12.450 | 13.300 | 13.550 | 14.000 | 14.250 | 14.400 | | | |
| 05/11/84 | | | | 11.350 | 12.000 | 12.350 | 13.100 | 13.350 | 13.850 | 14.050 | 14.200 | | | |
| 05/04/84 | | | | 11.050 | 11.700 | 11.850 | 12.700 | 13.000 | 13.450 | 13.650 | 13.800 | | | |
| 04/27/84 | | | | 10.800 | 11.300 | 11.600 | 12.500 | 12.700 | 13.200 | 13.400 | 13.500 | | | |
| 04/20/84 | | | | 10.900 | 11.350 | 11.650 | 12.500 | 12.900 | 13.150 | 13.450 | 13.650 | | | |
| 04/13/84 | | | | 10.750 | 11.150 | 11.350 | 12.100 | 12.350 | 12.900 | 13.050 | 13.200 | | | |
| 04/06/84 | | | | 10.800 | 11.250 | 11.400 | 12.250 | 12.500 | 13.100 | 13.250 | 13.300 | | | |
| 03/30/84 | | | | 10.800 | 11.250 | 11.350 | 12.150 | 12.350 | 12.950 | 13.150 | 13.200 | | | |
| 03/23/84 | | | | 10.850 | 11.300 | 11.450 | 12.150 | 12.350 | 12.900 | 13.100 | 13.200 | | | |
| 03/16/84 | | | | | | 11.100 | 11.850 | 12.050 | 12.600 | 12.800 | 13.000 | | | |
| 03/09/84 | | | | | | 11.000 | 11.850 | 12.100 | 12.650 | 12.850 | 13.050 | | | |
| 03/02/84 | | | | | | 10.700 | 11.550 | 11.750 | 12.350 | 12.550 | 12.650 | | | |
| 02/24/84 | | | | | | 10.750 | 11.600 | 11.750 | 12.350 | 12.550 | 12.650 | | | |
| 02/17/84 | | | | | | 10.750 | 11.500 | 11.650 | 12.250 | 12.450 | 12.550 | | | |
| 02/10/84 | | | | | | 10.450 | 11.300 | 11.600 | 12.100 | 12.350 | 12.450 | | | |
| 02/03/84 | | | | | | 10.350 | 11.150 | 11.400 | 11.900 | 12.200 | 12.350 | | | |
| 01/27/84 | | | | | | 10.400 | 11.200 | 11.400 | 11.850 | 12.150 | 12.300 | | | |
| 01/20/84 | | | | | | 10.450 | 11.250 | 11.400 | 11.900 | 12.150 | 12.300 | | | |
| 01/13/84 | | | | | | 10.400 | 11.250 | 11.500 | 12.050 | 12.300 | 12.400 | | | |
| 01/06/84 | | | | | | 10.600 | 11.450 | 11.650 | 12.200 | 12.450 | 12.550 | | | |
| 12/30/83 | | | | | | 10.650 | 11.500 | 11.700 | 12.250 | 12.450 | 12.550 | | | |
| 12/23/83 | | | | | | 10.650 | 11.500 | 11.650 | 12.200 | 12.400 | 12.500 | | | |
| 12/16/83 | | | | | | 10.700 | 11.600 | 11.750 | 12.300 | 12.500 | 12.600 | | | |
| 12/09/83 | | | | | | 10.700 | 11.400 | 11.700 | 12.200 | 12.400 | 12.500 | | | |
| 12/02/83 | | | | | | 10.700 | 11.400 | 11.700 | 12.200 | 12.400 | 12.500 | | | |
| 11/25/83 | | | | | | 10.700 | 11.400 | 11.700 | 12.200 | 12.400 | 12.500 | | | |
| 11/18/83 | | | | | | 10.700 | 11.400 | 11.700 | 12.200 | 12.400 | 12.500 | | | |
| 11/10/83 | | | | | | 10.700 | 11.400 | 11.700 | 12.200 | 12.400 | 12.500 | | | |
| 11/04/83 | | | | | | 10.700 | 11.400 | 11.700 | 12.200 | 12.400 | 12.500 | | | |
| 10/28/83 | | | | | | 10.800 | 11.550 | 11.750 | 12.200 | 12.350 | 12.350 | | | |
| 10/21/83 | | | | | | 10.800 | 11.550 | 11.750 | 12.200 | 12.350 | 12.350 | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 10/14/83 | | | | | | 10.800 | 11.550 | 11.750 | 12.200 | 12.350 | 12.350 | | | |
| 10/07/83 | | | | | | 10.500 | 11.250 | 11.450 | 11.900 | 12.050 | 12.100 | | | |
| 09/30/83 | | | | | | 10.750 | 11.500 | 11.750 | 12.100 | 12.300 | 12.300 | | | |
| 09/23/83 | | | | | | 10.750 | 11.500 | 11.750 | 12.100 | 12.300 | 12.300 | | | |
| 09/16/83 | | | | | | 11.100 | 11.800 | 12.000 | 12.350 | 12.500 | 12.500 | | | |
| 09/09/83 | | | | | | 11.300 | 11.800 | 12.000 | 12.400 | 12.500 | 12.500 | | | |
| 09/02/83 | | | | | | 11.400 | 12.050 | 12.250 | 12.650 | 12.800 | 12.800 | | | |
| 08/26/83 | | | | | | 11.000 | 11.550 | 11.750 | 12.050 | 12.200 | 12.300 | | | |
| 08/19/83 | | | | | | 11.400 | 11.950 | 12.150 | 12.400 | 12.550 | 12.550 | | | |
| 08/12/83 | | | | | | 11.600 | 12.200 | 12.400 | 12.750 | 12.850 | 12.900 | | | |
| 08/05/83 | | | | | | 11.450 | 12.000 | 12.250 | 12.600 | 12.650 | 12.700 | | | |
| 07/29/83 | | | | | | 11.200 | 11.800 | 12.000 | 12.350 | 12.500 | 12.550 | | | |
| 07/22/83 | | | | | | 11.050 | 11.550 | 11.700 | 12.100 | 12.300 | 12.300 | | | |
| 07/15/83 | | | | | | 11.050 | 11.550 | 11.700 | 12.100 | 12.300 | 12.300 | | | |
| 07/08/83 | | | | | | 10.800 | 11.300 | 11.500 | 11.850 | 11.950 | 12.000 | | | |
| 07/01/83 | | | | | | 10.750 | 11.250 | 11.300 | 11.600 | 11.800 | 11.800 | | | |
| 06/24/83 | | | | | | 10.400 | 10.900 | 11.000 | 11.350 | 11.550 | 11.550 | | | |
| 06/17/83 | | | | | | 10.400 | 10.900 | 11.000 | 11.350 | 11.550 | 11.550 | | | |
| 06/10/83 | | | | | | 10.400 | 10.900 | 11.000 | 11.350 | 11.550 | 11.550 | | | |
| 06/03/83 | | | | | | 9.800 | 10.350 | 10.450 | 10.800 | 11.100 | 11.200 | | | |
| 05/27/83 | | | | | | 9.800 | 10.350 | 10.450 | 10.800 | 11.100 | 11.200 | | | |
| 05/20/83 | | | | | | 9.800 | 10.350 | 10.450 | 10.800 | 11.100 | 11.200 | | | |
| 05/13/83 | | | | | | 9.400 | 10.000 | 10.200 | 10.600 | 10.850 | 10.950 | | | |
| 05/06/83 | | | | | | 9.750 | 10.250 | 10.400 | 10.750 | 11.050 | 11.100 | | | |
| 04/29/83 | | | | | | 9.750 | 10.250 | 10.400 | 10.750 | 11.050 | 11.100 | | | |
| 04/22/83 | | | | | | 9.750 | 10.250 | 10.400 | 10.750 | 11.050 | 11.100 | | | |
| 04/15/83 | | | | | | 9.750 | 10.250 | 10.400 | 10.750 | 11.050 | 11.100 | | | |
| 04/08/83 | | | | | | 10.000 | 10.600 | 10.700 | 10.900 | 11.250 | 11.350 | | | |
| 04/01/83 | | | | | | 10.000 | 10.600 | 10.700 | 10.900 | 11.250 | 11.350 | | | |
| 03/25/83 | | | | | | 10.000 | 10.600 | 10.700 | 10.900 | 11.250 | 11.350 | | | |
| 03/17/83 | | | | | | 9.550 | 10.200 | 10.550 | 10.800 | 11.050 | 11.200 | | | |
| 03/11/83 | | | | | | 9.550 | 10.200 | 10.550 | 10.800 | 11.050 | 11.200 | | | |
| 03/04/83 | | | | | | 9.550 | 10.200 | 10.500 | 10.800 | 11.050 | 11.200 | | | |
| 02/25/83 | | | | | | 9.750 | 10.400 | 10.650 | 11.000 | 11.300 | 11.400 | | | |
| 02/18/83 | | | | | | 10.000 | 10.750 | 11.000 | 11.300 | 11.500 | 11.700 | | | |
| 02/11/83 | | | | | | 10.000 | 10.750 | 11.000 | 11.500 | 11.850 | 11.950 | | | |
| 02/04/83 | | | | | | 9.850 | 10.400 | 10.750 | 11.250 | 11.600 | 11.600 | | | |
| 01/28/83 | | | | | | 9.850 | 10.400 | 10.750 | 11.250 | 11.600 | 11.600 | | | |
| 01/21/83 | | | | | | 9.250 | 10.000 | 10.250 | 10.750 | 11.150 | 11.150 | | | |
| 01/14/83 | | | | | | 9.250 | 10.000 | 10.250 | 10.750 | 11.150 | 11.150 | | | |
| 01/07/83 | | | | | | 9.500 | 10.250 | 10.500 | 11.000 | 11.400 | 11.400 | | | |
| 12/31/82 | | | | | | 9.500 | 10.250 | 10.500 | 11.000 | 11.600 | 11.600 | | | |
| 12/24/82 | | | | | | 9.500 | 10.250 | 10.500 | 11.000 | 11.600 | 11.600 | | | |
| 12/17/82 | | | | | | 9.500 | 10.250 | 10.500 | 11.000 | 11.600 | 11.600 | | | |
| 12/10/82 | | | | | | 9.800 | 10.500 | 10.750 | 11.250 | | | | | |
| 12/03/82 | | | | | | 9.800 | 10.500 | 10.750 | 11.250 | | | | | |
| 11/26/82 | | | | | | 9.800 | 10.500 | 10.750 | 11.250 | | | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 11/19/82 | | | | | | 9.800 | 10.500 | 10.750 | 11.250 | | | | | |
| 11/12/82 | | | | | | 9.800 | 10.500 | 10.750 | 11.250 | | | | | |
| 11/05/82 | | | | | | 9.800 | 10.500 | 10.750 | 11.250 | | | | | |
| 10/29/82 | | | | | | 9.800 | 10.500 | 10.750 | 11.250 | | | | | |
| 10/22/82 | | | | | | 9.800 | 10.500 | 10.750 | 11.250 | | | | | |
| 10/15/82 | | | | | | 9.800 | 10.500 | 10.750 | 11.250 | | | | | |
| 10/08/82 | | | | | | 10.300 | 11.000 | 11.250 | 11.750 | | | | | |
| 10/01/82 | | | | | | 11.300 | 12.250 | 12.500 | 12.750 | | | | | |
| 09/24/82 | | | | | | 11.300 | 12.250 | 12.500 | 12.750 | | | | | |
| 09/17/82 | | | | | | 12.500 | 12.750 | 13.000 | 13.500 | | | | | |
| 09/10/82 | | | | | | 12.500 | 12.750 | 13.000 | 13.500 | | | | | |
| 09/03/82 | | | | | | 12.500 | 12.750 | 13.000 | 13.500 | | | | | |
| 08/27/82 | | | | | | 12.500 | 12.750 | 13.000 | 13.500 | | | | | |
| 08/20/82 | | | | | | 13.750 | 14.300 | 14.500 | 14.500 | | | | | |
| 08/13/82 | | | | | | 13.250 | 13.750 | 14.000 | 14.250 | | | | | |
| 08/06/82 | | | | | | 13.250 | 13.750 | 14.000 | 14.250 | | | | | |
| 07/30/82 | | | | | | 13.500 | 14.250 | 14.500 | 14.500 | | | | | |
| 07/23/82 | | | | | | 13.500 | 14.250 | 14.500 | 14.500 | | | | | |
| 07/16/82 | | | | | | 14.250 | 14.800 | 14.950 | 14.950 | | | | | |
| 07/09/82 | | | | | | 15.250 | 15.500 | 15.500 | 15.500 | | | | | |
| 07/02/82 | | | | | | 15.250 | 15.500 | 15.500 | 15.500 | | | | | |
| 06/25/82 | | | | | | 15.250 | 15.500 | 15.500 | 15.500 | | | | | |
| 06/18/82 | | | | | | 15.250 | 15.500 | 15.500 | 15.500 | | | | | |
| 06/11/82 | | | | | | 14.250 | 14.650 | 14.650 | 14.750 | | | | | |
| 06/04/82 | | | | | | 14.000 | 14.400 | 14.400 | 14.500 | | | | | |
| 05/28/82 | | | | | | 14.000 | 14.400 | 14.400 | 14.500 | | | | | |
| 05/21/82 | | | | | | 14.250 | 14.500 | 14.500 | 14.500 | | | | | |
| 05/14/82 | | | | | | 14.250 | 14.500 | 14.500 | 14.500 | | | | | |
| 05/07/82 | | | | | | 14.750 | 14.750 | 14.750 | 14.750 | | | | | |
| 04/30/82 | | | | | | 15.000 | 15.250 | 15.250 | 15.250 | | | | | |
| 04/23/82 | | | | | | 15.000 | 15.250 | 15.250 | 15.250 | | | | | |
| 04/16/82 | | | | | | 15.000 | 15.250 | 15.250 | 15.250 | | | | | |
| 04/09/82 | | | | | | 15.000 | 15.250 | 15.250 | 15.250 | | | | | |
| 04/02/82 | | | | | | 15.000 | 15.250 | 15.250 | 15.250 | | | | | |
| 03/26/82 | | | | | | 15.000 | 15.250 | 15.250 | 15.250 | | | | | |
| 03/19/82 | | | | | | 15.000 | 15.250 | 15.250 | 15.250 | | | | | |
| 03/12/82 | | | | | | 15.000 | 15.250 | 15.250 | 15.250 | | | | | |
| 03/05/82 | | | | | | 15.000 | 15.250 | 15.250 | 15.250 | | | | | |
| 02/26/82 | | | | | | 15.500 | 15.250 | 15.250 | 15.250 | | | | | |
| 02/19/82 | | | | | | 16.000 | 15.750 | 15.750 | 15.750 | | | | | |
| 02/12/82 | | | | | | 15.500 | 15.750 | 15.750 | 15.750 | | | | | |
| 02/05/82 | | | | | | 15.500 | 15.750 | 15.750 | 15.750 | | | | | |
| 01/29/82 | | | | | | 15.500 | 15.750 | 15.750 | 15.750 | | | | | |
| 01/22/82 | | | | | | 15.000 | 15.250 | 15.500 | 15.500 | | | | | |
| 01/15/82 | | | | | | 15.000 | 15.250 | 15.500 | 15.500 | | | | | |
| 01/08/82 | | | | | | 14.500 | 14.750 | 15.000 | 15.000 | | | | | |
| 12/31/81 | | | | | | 14.500 | 14.750 | 15.000 | 15.000 | | | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 12/24/81 | | | | | | 14.500 | 14.750 | 15.000 | 15.000 | | | | | |
| 12/18/81 | | | | | | 13.250 | 13.750 | 14.250 | 14.400 | | | | | |
| 12/11/81 | | | | | | 12.750 | 13.250 | 13.750 | 14.250 | | | | | |
| 12/04/81 | | | | | | 12.750 | 13.250 | 13.750 | 14.250 | | | | | |
| 11/27/81 | | | | | | 12.750 | 13.250 | 13.750 | 14.250 | | | | | |
| 11/20/81 | | | | | | 12.750 | 13.250 | 13.750 | 14.250 | | | | | |
| 11/13/81 | | | | | | 14.000 | 14.000 | 14.500 | 14.750 | | | | | |
| 11/06/81 | | | | | | 15.000 | 15.000 | 15.000 | 15.500 | | | | | |
| 10/30/81 | | | | | | 16.250 | 16.250 | 16.250 | 16.250 | | | | | |
| 10/23/81 | | | | | | 16.250 | 16.250 | 16.250 | 16.250 | | | | | |
| 10/16/81 | | | | | | 16.250 | 16.250 | 16.250 | 16.250 | | | | | |
| 10/09/81 | | | | | | 17.000 | 17.000 | 17.000 | 17.000 | | | | | |
| 10/02/81 | | | | | | 17.500 | 17.500 | 17.500 | 17.500 | | | | | |
| 09/25/81 | | | | | | 16.850 | 16.850 | 16.700 | 16.600 | | | | | |
| 09/18/81 | | | | | | 17.350 | 17.350 | 17.100 | 17.000 | | | | | |
| 09/11/81 | | | | | | 17.850 | 17.850 | 17.600 | 17.250 | | | | | |
| 09/04/81 | | | | | | 17.850 | 17.850 | 17.600 | 17.250 | | | | | |
| 08/28/81 | | | | | | 17.850 | 17.850 | 17.600 | 17.250 | | | | | |
| 08/21/81 | | | | | | 17.500 | 17.500 | 17.250 | 16.900 | | | | | |
| 08/14/81 | | | | | | 17.500 | 17.500 | 17.250 | 16.900 | | | | | |
| 08/07/81 | | | | | | 17.500 | 17.500 | 17.250 | 16.900 | | | | | |
| 07/31/81 | | | | | | 16.880 | 16.880 | 16.630 | 16.380 | | | | | |
| 07/24/81 | | | | | | 16.880 | 16.880 | 16.630 | 16.380 | | | | | |
| 07/17/81 | | | | | | 16.130 | 16.130 | 15.880 | 15.630 | | | | | |
| 07/10/81 | | | | | | 16.130 | 16.130 | 15.880 | 15.630 | | | | | |
| 07/03/81 | | | | | | 15.750 | 15.750 | 15.500 | 15.250 | | | | | |
| 06/26/81 | | | | | | 15.750 | 15.750 | 15.500 | 15.250 | | | | | |
| 06/19/81 | | | | | | 15.750 | 15.750 | 15.500 | 15.250 | | | | | |
| 06/12/81 | | | | | | 15.750 | 15.750 | 15.500 | 15.250 | | | | | |
| 06/05/81 | | | | | | 17.380 | 17.380 | 16.500 | 16.000 | | | | | |
| 05/29/81 | | | | | | 17.380 | 17.380 | 16.500 | 16.000 | | | | | |
| 05/22/81 | | | | | | 17.380 | 17.380 | 16.500 | 16.000 | | | | | |
| 05/15/81 | | | | | | 17.380 | 17.380 | 16.500 | 16.000 | | | | | |
| 05/08/81 | | | | | | 16.250 | 16.250 | 16.000 | 15.630 | | | | | |
| 05/01/81 | | | | | | 16.500 | 15.500 | 15.250 | 15.250 | | | | | |
| 04/24/81 | | | | | | 16.500 | 15.500 | 15.250 | 15.250 | | | | | |
| 04/17/81 | | | | | | 16.500 | 15.500 | 15.250 | 15.250 | | | | | |
| 04/10/81 | | | | | | 16.200 | 14.700 | 14.700 | 14.700 | | | | | |
| 04/03/81 | | | | | | 15.850 | 14.350 | 14.350 | 14.350 | | | | | |
| 03/27/81 | | | | | | 15.850 | 14.350 | 14.350 | 14.350 | | | | | |
| 03/20/81 | | | | | | 15.500 | 14.000 | 14.000 | 14.000 | | | | | |
| 03/13/81 | | | | | | 16.650 | 15.250 | 14.750 | 14.350 | | | | | |
| 03/06/81 | | | | | | 17.150 | 15.650 | 14.900 | 14.650 | | | | | |
| 02/27/81 | | | | | | 17.150 | 15.650 | 14.900 | 14.650 | | | | | |
| 02/20/81 | | | | | | 17.150 | 15.650 | 14.900 | 14.650 | | | | | |
| 02/13/81 | | | | | | 17.150 | 15.650 | 14.900 | 14.650 | | | | | |
| 02/06/81 | | | | | | 16.450 | 14.950 | 14.200 | 13.950 | | | | | |

Rates Historical Data Information

1/04/80 through 12/31/99

| Date | Fed Funds | 1 mo LIBOR | 3 mo LIBOR | 3 mo REPO | 6 mo REPO | 1 Yr Fixed Advances | 2 Yr Fixed Advances | 3 Yr Fixed Advances | 5 Yr Fixed Advances | 7 Yr Fixed Advances | 10 Yr Fixed Advances | Callables 10/1 | Callables 10/3 | Callables 10/5 |
|----------|-----------|------------|------------|-----------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------|----------------|----------------|
| 03/07/80 | | | | | | 13.500 | 13.500 | 13.000 | | | | | | |
| 02/29/80 | | | | | | 13.500 | 13.500 | 13.000 | | | | | | |
| 02/22/80 | | | | | | 13.500 | 13.500 | 13.000 | | | | | | |
| 02/15/80 | | | | | | 13.500 | 13.500 | 13.000 | | | | | | |
| 02/08/80 | | | | | | 13.500 | 13.500 | 13.000 | | | | | | |
| 02/01/80 | | | | | | 12.950 | 12.950 | 12.200 | | | | | | |
| 01/25/80 | | | | | | 12.950 | 12.950 | 12.200 | | | | | | |
| 01/18/80 | | | | | | 12.950 | 12.950 | 12.200 | | | | | | |
| 01/11/80 | | | | | | 12.950 | 12.950 | 12.200 | | | | | | |
| 01/04/80 | | | | | | 12.950 | 12.950 | 12.200 | | | | | | |