

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	6.710	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	5.940	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
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

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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
12/18/98	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	5.550	5.580	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			
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			

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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			
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			

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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
11/22/96	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	6.260	6.450	6.660	6.840	7.040	7.240			
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			
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			

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Rates Historical Data Information

1/04/80 through 12/31/99

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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	6.160	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			
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			

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Rates Historical Data Information

1/04/80 through 12/31/99

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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			
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			

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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
10/15/93	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			
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			
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			

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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
10/02/92	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			
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			

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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
09/20/91	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	8.260	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			
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			

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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
09/07/90	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			
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			

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Rates Historical Data Information

1/04/80 through 12/31/99

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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			
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			

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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
08/12/88		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			
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			

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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
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			
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			

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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
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			
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	8.500	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			
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			

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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
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			
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			

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Rates Historical Data Information

1/04/80 through 12/31/99

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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			
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			

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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					
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					

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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					
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					

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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
05/15/81						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					
01/30/81						16.450	14.950	14.200	13.950					
01/23/81						16.450	14.950	14.200	13.950					
01/15/81						16.100	14.400	13.850	13.600					
01/09/81						16.100	14.400	13.850	13.600					
01/02/81						15.750	15.250	14.250	14.000					
12/26/80						16.250	16.000	15.250	14.750					
12/19/80						16.250	16.000	15.250	14.750					
12/12/80						16.250	16.250	15.250	14.750					
12/05/80						16.250	16.250	15.250	14.750					
11/28/80						15.500	15.500	14.500	14.000					
11/21/80						14.500	14.500	14.000	14.000					
11/14/80						14.500	14.500	14.000	14.000					
11/07/80						14.500	14.500	14.000	14.000					
10/31/80						14.000	14.000	13.500	13.500					
10/24/80						12.750	12.500	12.500	12.500					
10/17/80						12.750	12.500	12.500	12.500					
10/10/80						12.750	12.500	12.500	12.500					
10/03/80						12.750	12.500	12.500	12.500					
09/26/80						11.750	12.000	12.000	12.000					
09/19/80						11.750	12.000	12.000	12.000					
09/12/80						11.750	12.000	12.000	12.000					
09/05/80						11.750	12.000	12.000	12.000					
08/29/80						11.750	12.000	12.000	12.000					
08/22/80						10.250	10.600	10.600	11.000					
08/15/80						10.250	10.600	10.600	11.000					
08/08/80						9.700	10.100	10.100	10.350					
08/01/80						9.700	10.100	10.100	10.350					
07/25/80						8.850	9.500	9.500	9.850					
07/18/80						8.850	9.500	9.500	9.850					
07/11/80						8.850	9.500	9.500	9.850					
07/03/80						8.850	9.500	9.500	9.850					
06/27/80						8.500	9.150	9.150	9.500					
06/20/80						8.500	9.150	9.150	9.500					
06/13/80						9.500	9.500	9.750	10.500					
06/06/80						9.500	9.500	9.750	10.500					
05/30/80						9.500	9.500	9.750	10.500					
05/23/80						11.000	11.000	11.500	11.500					
05/16/80						11.000	11.000	11.500	11.500					
05/09/80						12.000	12.000	12.000	12.000					

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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
05/02/80						13.750	13.750	13.250	12.750					
04/25/80						14.000	14.000	13.500	13.000					
04/18/80						14.000	14.000	13.500	13.000					
04/11/80														
04/04/80														
03/28/80														
03/21/80														
03/14/80														
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						

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