Assignment

1. Input monthly bond and stock returns ' 97 - present

2. Add 1997-present data to All data from Ibbotson

3. Plot Market l-t bond yield - risk premium - real interest rate - sd bonds and

| stocks

Stock Returns

Common Stock Total Returns
January 1926-December 2000
888 Observations

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	5-Yr Moving Std Dev	Annual Returns
1926	0.0000	-0.0385	-0.0575	0.0253	0.0179	0.0457	0.0479	0.0248	0.0252	-0.0284	0.0347	0.0196		0.1161
1927	-0.0193	0.0537	0.0087	0.0201	0.0607	-0.0067	0.0670	0.0515	0.0450	-0.0502	0.0721	0.0279		0.3749
1928	-0.0040	-0.0125	0.1101	0.0345	0.0197	-0.0385	0.0141	0.0803	0.0259	0.0168	0.1292	0.0049		0.4361
1929	0.0583	-0.0019	-0.0012	0.0176	-0.0362	0.1140	0.0471	0.1028	-0.0476	-0.1973	-0.1246	0.0282		-0.0841
1930	0.0639	0.0259	0.0812	-0.0080	-0.0096	-0.1625	0.0386	0.0141	-0.1282	-0.0855	-0.0089	-0.0706	0.0620	-0.2490
1931	0.0502	0.1193	-0.0675	-0.0935	-0.1279	0.1421	-0.0722	0.0182	-0.2973	0.0896	-0.0798	-0.1400	0.0833	-0.4335
1932	-0.0271	0.0570	-0.1158	-0.1997	-0.2196	-0.0022	0.3815	0.3869	-0.0346	-0.1349	-0.0417	0.0565	0.1165	-0.0820
1933	0.0087	-0.1772	0.0353	0.4256	0.1683	0.1338	-0.0862	0.1206	-0.1118	-0.0855	0.1127	0.0253	0.1349	0.5397
1934	0.1069	-0.0322	0.0000	-0.0251	-0.0736	0.0229	-0.1132	0.0611	-0.0033	-0.0286	0.0942	-0.0010	0.1322	-0.0144
1935	-0.0411	-0.0341	-0.0286	0.0980	0.0409	0.0699	0.0850	0.0280	0.0256	0.0777	0.0474	0.0394	0.1299	0.4766
1936	0.0670	0.0224	0.0268	-0.0751	0.0545	0.0333	0.0701	0.0151	0.0031	0.0775	0.0134	-0.0029	0.1168	0.3392
1937	0.0390	0.0191	-0.0077	-0.0809	-0.0024	-0.0504	0.1045	-0.0483	-0.1403	-0.0981	-0.0866	-0.0459	0.0890	-0.3502
1938	0.0152	0.0674	-0.2487	0.1447	-0.0330	0.2503	0.0744	-0.0226	0.0166	0.0776	-0.0273	0.0401	0.0744	0.3114
1939	-0.0674	0.0390	-0.1339	-0.0027	0.0733	-0.0612	0.1105	-0.0648	0.1673	-0.0123	-0.0398	0.0270	0.0781	-0.0042
1940	-0.0336	0.0133	0.0124	-0.0024	-0.2289	0.0809	0.0341	0.0350	0.0123	0.0422	-0.0316	0.0009	0.0817	-0.0978
1941	-0.0463	-0.0060	0.0071	-0.0612	0.0183	0.0578	0.0579	0.0010	-0.0068	-0.0657	-0.0284	-0.0407	0.0811	-0.1158
1942	0.0161	-0.0159	-0.0652	-0.0399	0.0796	0.0221	0.0337	0.0164	0.0290	0.0678	-0.0021	0.0549	0.0766	0.2035
1943	0.0737	0.0583	0.0545	0.0035	0.0552	0.0223	-0.0526	0.0171	0.0263	-0.0108	-0.0654	0.0617	0.0598	0.2591
1944	0.0171	0.0042	0.0195	-0.0100	0.0505	0.0543	-0.0193	0.0157	-0.0008	0.0023	0.0133	0.0374	0.0485	0.1973
1945	0.0158	0.0683	-0.0441	0.0902	0.0195	-0.0007	-0.0180	0.0641	0.0438	0.0322	0.0396	0.0116	0.0391	0.3641
1946	0.0714	-0.0641	0.0480	0.0393	0.0288	-0.0370	-0.0239	-0.0674	-0.0997	-0.0060	-0.0027	0.0457	0.0414	-0.0807
1947	0.0255	-0.0077	-0.0149	-0.0363	0.0014	0.0554	0.0381	-0.0203	-0.0111	0.0238	-0.0175	0.0233	0.0392	0.0570
1948	-0.0379	-0.0388	0.0793	0.0292	0.0879	0.0054	-0.0508	0.0158	-0.0276	0.0710	-0.0961	0.0346	0.0420	0.0551
1949	0.0039	-0.0296	0.0328	-0.0179	-0.0258	0.0014	0.0650	0.0219	0.0263	0.0340	0.0175	0.0486	0.0427	0.1879
1950	0.0197	0.0199	0.0070	0.0486	0.0509	-0.0548	0.0119	0.0443	0.0592	0.0093	0.0169	0.0513	0.0414	0.3174
1951	0.0637	0.0157	-0.0156	0.0509	-0.0299	-0.0228	0.0711	0.0478	0.0013	-0.0103	0.0096	0.0424	0.0370	0.2402
1952	0.0181	-0.0282	0.0503	-0.0402	0.0343	0.0490	0.0196	-0.0071	-0.0176	0.0020	0.0571	0.0382	0.0375	0.1835
1953	-0.0049	-0.0106	-0.0212	-0.0237	0.0077	-0.0134	0.0273	-0.0501	0.0034	0.0540	0.0204	0.0052	0.0310	-0.0098
1954	0.0536	0.0111	0.0325	0.0516	0.0418	0.0031	0.0589	-0.0275	0.0851	-0.0167	0.0909	0.0534	0.0337	0.5262
1955	0.0197	0.0098	-0.0030	0.0396	0.0055	0.0841	0.0622	-0.0025	0.0130	-0.0284	0.0827	0.0015	0.0346	0.3155
1956	-0.0347	0.0413	0.0710	-0.0004	-0.0593	0.0409	0.0530	-0.0328	-0.0440	0.0066	-0.0050	0.0370	0.0364	0.0656
1957	-0.0401	-0.0264	0.0215	0.0388	0.0437	0.0004	0.0131	-0.0505	-0.0602	-0.0302	0.0231	-0.0395	0.0384	-0.1079
1958	0.0445	-0.0141	0.0328	0.0337	0.0212	0.0279	0.0449	0.0176	0.0501	0.0270	0.0284	0.0535	0.0375	0.4337
1959	0.0053	0.0049	0.0020	0.0402	0.0240	-0.0022	0.0363	-0.0102	-0.0443	0.0128	0.0186	0.0292	0.0341	0.1198
1960	-0.0700	0.0147	-0.0123	-0.0161	0.0326	0.0211	-0.0234	0.0317	-0.0590	-0.0007	0.0465	0.0479	0.0343	0.0046
1961	0.0645	0.0319	0.0270	0.0051	0.0239	-0.0275	0.0342	0.0243	-0.0184	0.0298	0.0447	0.0046	0.0315	0.2689
1962	-0.0366	0.0209	-0.0046	-0.0607	-0.0811	-0.0803	0.0652	0.0208	-0.0465	0.0064	0.1086	0.0153	0.0367	-0.0873
1963	0.0506	-0.0239	0.0370	0.0500	0.0193	-0.0188	-0.0022	0.0535	-0.0097	0.0339	-0.0046	0.0262	0.0368	0.2278
1964	0.0283	0.0147	0.0165	0.0075	0.0162	0.0178	0.0195	-0.0118	0.0301	0.0096	0.0005	0.0056	0.0359	0.1651
1965	0.0345	0.0031	-0.0133	0.0356	-0.0030	-0.0473	0.0147	0.0272	0.0334	0.0289	-0.0031	0.0106	0.0333	0.1245
1966	0.0062	-0.0131	-0.0205	0.0220	-0.0492	-0.0146	-0.0120	-0.0725	-0.0053	0.0494	0.0095	0.0002	0.0345	-0.1005
1967	0.0798	0.0072	0.0409	0.0437	-0.0477	0.0190	0.0468	-0.0070	0.0342	-0.0276	0.0065	0.0278	0.0280	0.2399
1968	-0.0425	-0.0261	0.0110	0.0834	0.0161	0.0105	-0.0172	0.0164	0.0400	0.0087	0.0531	-0.0402	0.0297	0.1108
1969	-0.0068	-0.0426	0.0359	0.0229	0.0026	-0.0542	-0.0587	0.0454	-0.0236	0.0459	-0.0297	-0.0177	0.0338	-0.0849
1970	-0.0743	0.0586	0.0030	-0.0889	-0.0547	-0.0482	0.0752	0.0509	0.0347	-0.0097	0.0536	0.0584	0.0407	0.0403
1971	0.0419	0.0141	0.0382	0.0377	-0.0367	0.0021	-0.0399	0.0412	-0.0056	-0.0404	0.0027	0.0877	0.0415	0.1432
1972	0.0194	0.0299	0.0072	0.0057	0.0219	-0.0205	0.0036	0.0391	-0.0036	0.0107	0.0505	0.0131	0.0394	0.1898
1973	-0.0159	-0.0333	-0.0002	-0.0395	-0.0139	-0.0051	0.0394	-0.0318	0.0415	0.0003	-0.1082	0.0183	0.0405	-0.1467
1974	-0.0085	0.0019	-0.0217	-0.0373	-0.0272	-0.0128	-0.0759	-0.0828	-0.1170	0.1657	-0.0448	-0.0177	0.0486	-0.2645

1975	0.1251	0.0674	0.0237	0.0493	0.0509	0.0462	-0.0659	-0.0144	-0.0328	0.0637	0.0313	-0.0096	0.0486	0.3721
1976	0.1199	-0.0058	0.0326	-0.0099	-0.0073	0.0427	-0.0068	0.0014	0.0247	-0.0206	-0.0009	0.0540	0.0489	0.2385
1977	-0.0489	-0.0151	-0.0119	0.0014	-0.0150	0.0475	-0.0151	-0.0133	0.0000	-0.0415	0.0370	0.0048	0.0495	-0.0718
1978	-0.0596	-0.0161	0.0276	0.0870	0.0136	-0.0152	0.0560	0.0340	-0.0048	-0.0891	0.0260	0.0172	0.0504	0.0657
1979	0.0421	-0.0284	0.0575	0.0036	-0.0168	0.0410	0.0110	0.0611	0.0025	-0.0656	0.0514	0.0192	0.0417	0.1844
1980	0.0610	0.0031	-0.0987	0.0429	0.0562	0.0296	0.0676	0.0131	0.0281	0.0187	0.1095	-0.0315	0.0418	0.3242
1981	-0.0438	0.0208	0.0380	-0.0213	0.0062	-0.0080	0.0007	-0.0554	-0.0502	0.0528	0.0441	-0.0265	0.0416	-0.0491
1982	-0.0163	-0.0512	-0.0060	0.0414	-0.0288	-0.0174	-0.0215	0.1267	0.0110	0.1126	0.0438	0.0173	0.0460	0.2141
1983	0.0348	0.0260	0.0365	0.0758	-0.0052	0.0382	-0.0313	0.0170	0.0136	-0.0134	0.0233	-0.0061	0.0429	0.2251
1984	-0.0065	-0.0328	0.0171	0.0069	-0.0534	0.0221	-0.0143	0.1125	0.0002	0.0026	-0.0101	0.0253	0.0433	0.0627
1985	0.0768	0.0137	0.0018	-0.0032	0.0615	0.0159	-0.0026	-0.0061	-0.0321	0.0447	0.0716	0.0467	0.0398	0.3216
1986	0.0044	0.0761	0.0554	-0.0124	0.0549	0.0166	-0.0569	0.0748	-0.0822	0.0556	0.0256	-0.0264	0.0420	0.1847
1987	0.1343	0.0413	0.0272	-0.0088	0.0103	0.0499	0.0498	0.0385	-0.0220	-0.2152	-0.0819	0.0738	0.0513	0.0523
1988	0.0427	0.0470	-0.0302	0.0108	0.0078	0.0464	-0.0040	-0.0331	0.0424	0.0273	-0.0142	0.0181	0.0513	0.1681
1989	0.0723	-0.0249	0.0236	0.0516	0.0402	-0.0054	0.0898	0.0193	-0.0039	-0.0233	0.0208	0.0236	0.0506	0.3149
1990	-0.0671	0.0129	0.0263	-0.0247	0.0975	-0.0070	-0.0032	-0.0903	-0.0492	-0.0037	0.0644	0.0274	0.0537	-0.0317
1991	0.0442	0.0716	0.0238	0.0028	0.0428	-0.0457	0.0468	0.0235	-0.0164	0.0134	-0.0404	0.1143	0.0529	0.3055
1992	-0.0186	0.0128	-0.0196	0.0291	0.0054	-0.0145	0.0403	-0.0202	0.0115	0.0036	0.0337	0.0131	0.0383	0.0767
1993	0.0073	0.0135	0.0215	-0.0245	0.0270	0.0033	-0.0047	0.0381	-0.0074	0.0203	-0.0094	0.0123	0.0370	0.0999
1994	0.0335	-0.0270	-0.0435	0.0130	0.0163	-0.0247	0.0331	0.0407	-0.0241	0.0229	-0.0367	0.0146	0.0358	0.0131
1995	0.0260	0.0388	0.0296	0.0291	0.0395	0.0235	0.0333	0.0027	0.0419	-0.0035	0.0440	0.0185	0.0289	0.3743
1996	0.0344	0.0096	0.0096	0.0147	0.0258	0.0041	-0.0445	0.0212	0.0562	0.0274	0.0759	-0.0196	0.0248	0.2307
1997	0.0621	0.0081	-0.0416	0.0597	0.0614	0.0446	0.0794	-0.0556	0.0548	-0.0334	0.0463	0.0172	0.0306	0.3337
1998	0.0111	0.0721	0.0512	0.0101	-0.0172	0.0406	-0.0107	-0.1446	0.0641	0.0813	0.0606	0.0576	0.0396	0.2857
1999	0.0418	-0.0311	0.0400	0.0387	-0.0236	0.0555	-0.0312	-0.0050	-0.0274	0.0633	0.0203	0.0589	0.0399	0.2103
2000	-0.0502	-0.0189	0.0978	-0.0301	-0.0205	0.0246	-0.0156	0.0621	-0.0528	-0.0042	-0.0788	0.0049	0.0460	-0.0910
2001	0.0355	-0.0912	-0.0634	0.0777	0.0067	-0.0243	-0.0098	-0.0626	-0.0808	0.0191	0.0767	0.0088	0.0512	-0.1188

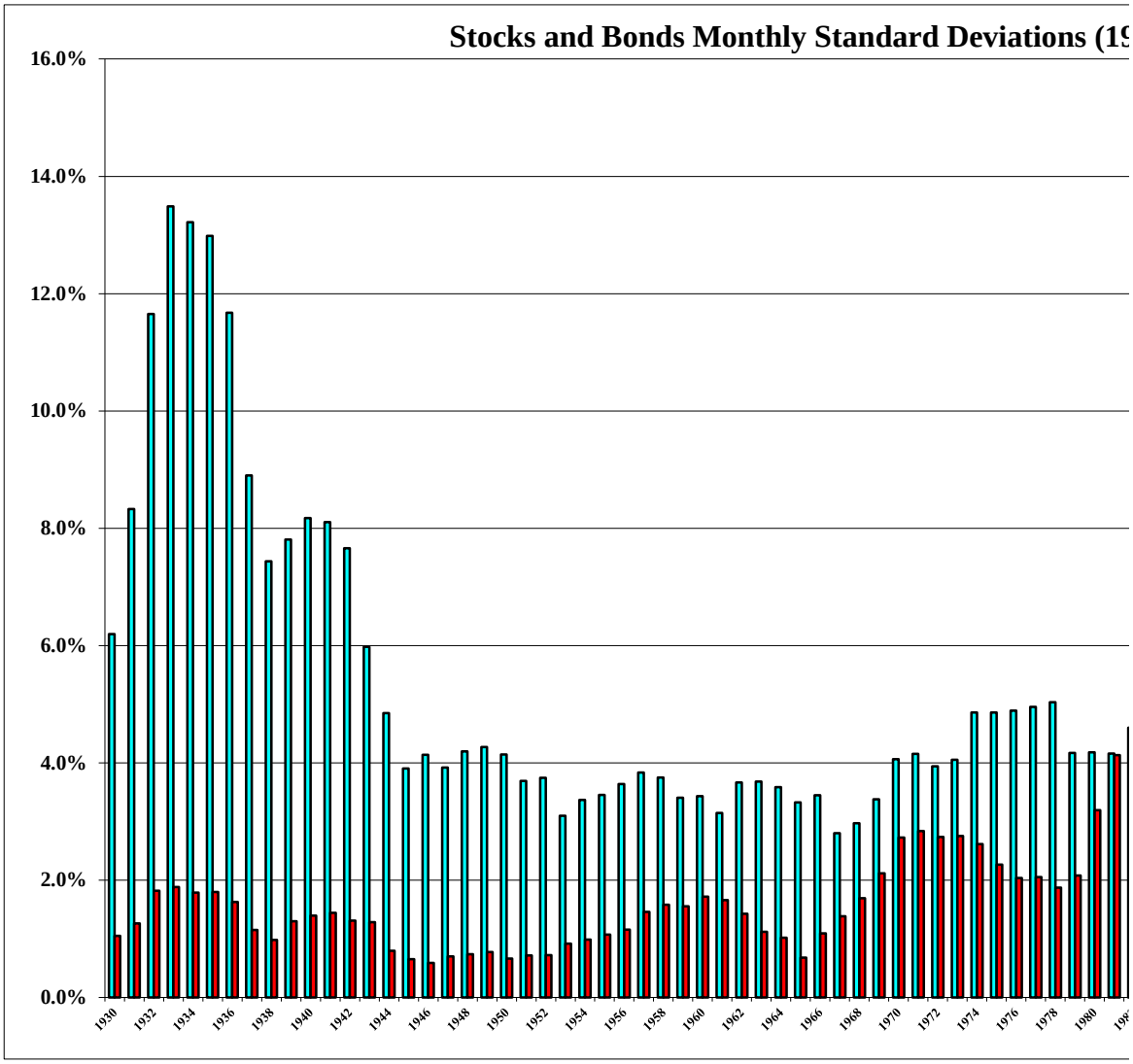
Long Term Government Bond Total Returns
January 1926-December 2000
888 Observations

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	5-Yr Moving Std Dev	Yearly Return
1926	0.0138	0.0063	0.0041	0.0076	0.0014	0.0038	0.0004	0.0000	0.0038	0.0102	0.0160	0.0078		0.0777
1927	0.0075	0.0088	0.0253	-0.0005	0.0109	-0.0069	0.0050	0.0076	0.0018	0.0099	0.0097	0.0072		0.0894
1928	-0.0036	0.0061	0.0045	-0.0004	-0.0077	0.0041	-0.0217	0.0076	-0.0041	0.0158	0.0003	0.0004		0.0008
1929	-0.0090	-0.0157	-0.0144	0.0275	-0.0196	0.0145	0.0000	-0.0034	0.0027	0.0382	0.0236	-0.0089		0.0341
1930	-0.0057	0.0129	0.0083	-0.0016	0.0139	0.0051	0.0034	0.0013	0.0074	0.0035	0.0042	-0.0070	0.0105	0.0464
1931	-0.0121	0.0085	0.0104	0.0086	0.0145	0.0004	-0.0042	0.0012	-0.0281	-0.0330	0.0027	-0.0220	0.0127	-0.0532
1932	0.0034	0.0413	-0.0018	0.0604	-0.0497	0.0392	0.0481	0.0003	0.0057	-0.0017	0.0032	0.0131	0.0182	0.1684
1933	0.0148	-0.0258	0.0097	-0.0032	0.0303	0.0050	-0.0017	0.0044	0.0023	-0.0091	-0.0149	-0.0113	0.0189	-0.0007
1934	0.0257	0.0081	0.0197	0.0126	0.0131	0.0067	0.0040	-0.0118	-0.0146	0.0182	0.0037	0.0112	0.0179	0.1001
1935	0.0182	0.0092	0.0041	0.0079	-0.0057	0.0092	0.0046	-0.0133	0.0009	0.0061	0.0010	0.0070	0.0180	0.0500
1936	0.0055	0.0081	0.0106	0.0035	0.0040	0.0021	0.0060	0.0111	-0.0031	0.0006	0.0205	0.0038	0.0163	0.0750
1937	-0.0013	0.0086	-0.0412	0.0039	0.0053	-0.0018	0.0138	-0.0104	0.0045	0.0042	0.0096	0.0082	0.0115	0.0022
1938	0.0057	0.0052	-0.0037	0.0210	0.0044	0.0004	0.0043	0.0000	0.0022	0.0087	-0.0022	0.0080	0.0098	0.0551
1939	0.0059	0.0080	0.0125	0.0118	0.0171	-0.0027	0.0113	-0.0201	-0.0545	0.0410	0.0162	0.0145	0.0130	0.0595
1940	-0.0017	0.0027	0.0177	-0.0035	-0.0299	0.0258	0.0052	0.0028	0.0110	0.0031	0.0205	0.0067	0.0140	0.0609
1941	-0.0201	0.0020	0.0096	0.0129	0.0027	0.0066	0.0022	0.0018	-0.0012	0.0140	-0.0029	-0.0177	0.0145	0.0093
1942	0.0069	0.0011	0.0092	-0.0029	0.0075	0.0003	0.0018	0.0038	0.0003	0.0024	-0.0035	0.0049	0.0131	0.0322
1943	0.0033	-0.0006	0.0009	0.0048	0.0050	0.0018	-0.0001	0.0021	0.0011	0.0005	-0.0001	0.0018	0.0128	0.0207
1944	0.0021	0.0032	0.0021	0.0013	0.0028	0.0008	0.0036	0.0027	0.0014	0.0012	0.0024	0.0042	0.0080	0.0282
1945	0.0127	0.0077	0.0021	0.0160	0.0056	0.0169	-0.0086	0.0026	0.0054	0.0104	0.0125	0.0194	0.0066	0.1073
1946	0.0025	0.0032	0.0010	-0.0135	-0.0012	0.0070	-0.0040	-0.0112	-0.0009	0.0074	-0.0054	0.0145	0.0059	-0.0009
1947	-0.0006	0.0021	0.0020	-0.0037	0.0033	0.0010	0.0063	0.0081	-0.0044	-0.0037	-0.0174	-0.0192	0.0070	-0.0263
1948	0.0020	0.0046	0.0034	0.0045	0.0141	-0.0084	-0.0021	0.0001	0.0014	0.0007	0.0076	0.0056	0.0074	0.0339
1949	0.0082	0.0049	0.0074	0.0011	0.0019	0.0167	0.0033	0.0111	-0.0011	0.0019	0.0021	0.0052	0.0078	0.0644
1950	-0.0061	0.0021	0.0008	0.0030	0.0033	-0.0025	0.0055	0.0014	-0.0072	-0.0048	0.0035	0.0016	0.0067	0.0005
1951	0.0058	-0.0074	-0.0157	-0.0063	-0.0069	-0.0062	0.0138	0.0099	-0.0080	0.0010	-0.0136	-0.0061	0.0072	-0.0394
1952	0.0028	0.0014	0.0111	0.0171	-0.0034	0.0003	-0.0020	-0.0070	-0.0130	0.0148	-0.0015	-0.0086	0.0072	0.0116
1953	0.0012	-0.0087	-0.0088	-0.0105	-0.0148	0.0223	0.0039	-0.0008	0.0299	0.0074	-0.0049	0.0206	0.0092	0.0363
1954	0.0089	0.0240	0.0058	0.0104	-0.0087	0.0163	0.0134	-0.0036	-0.0010	0.0006	-0.0025	0.0064	0.0099	0.0718
1955	-0.0241	-0.0078	0.0087	0.0001	0.0073	-0.0076	-0.0102	0.0004	0.0073	0.0144	-0.0045	0.0037	0.0107	-0.0128
1956	0.0083	-0.0002	-0.0149	-0.0113	0.0225	0.0027	-0.0209	-0.0187	0.0050	-0.0054	-0.0057	-0.0179	0.0116	-0.0559
1957	0.0346	0.0025	-0.0024	-0.0222	-0.0023	-0.0180	-0.0041	0.0002	0.0076	-0.0050	0.0533	0.0307	0.0146	0.0747
1958	-0.0084	0.0100	0.0102	0.0186	0.0001	-0.0160	-0.0278	-0.0436	-0.0117	0.0138	0.0120	-0.0181	0.0158	-0.0612
1959	-0.0080	0.0117	0.0017	-0.0117	-0.0006	0.0010	0.0060	-0.0041	-0.0057	0.0150	-0.0119	-0.0159	0.0156	-0.0228
1960	0.0112	0.0204	0.0282	-0.0170	0.0152	0.0173	0.0368	-0.0067	0.0075	-0.0028	-0.0066	0.0279	0.0172	0.1379
1961	-0.0107	0.0200	-0.0038	0.0115	-0.0046	-0.0075	0.0035	-0.0038	0.0129	0.0071	-0.0020	-0.0125	0.0166	0.0096
1962	-0.0014	0.0103	0.0253	0.0082	0.0046	-0.0076	-0.0109	0.0187	0.0061	0.0084	0.0021	0.0035	0.0143	0.0688
1963	-0.0001	0.0008	0.0009	-0.0012	0.0023	0.0019	0.0031	0.0021	0.0004	-0.0026	0.0051	-0.0006	0.0112	0.0121
1964	-0.0014	-0.0011	0.0037	0.0047	0.0050	0.0069	0.0008	0.0020	0.0050	0.0043	0.0017	0.0030	0.0102	0.0351
1965	0.0040	0.0014	0.0054	0.0036	0.0018	0.0047	0.0022	-0.0013	-0.0034	0.0027	-0.0062	-0.0078	0.0068	0.0070
1966	-0.0104	-0.0250	0.0296	-0.0063	-0.0059	-0.0016	-0.0037	-0.0206	0.0332	0.0228	-0.0148	0.0413	0.0109	0.0365
1967	0.0154	-0.0221	0.0198	-0.0291	-0.0039	-0.0312	0.0068	-0.0084	-0.0005	-0.0400	-0.0197	0.0192	0.0139	-0.0919
1968	0.0328	-0.0033	-0.0212	0.0227	0.0043	0.0230	0.0289	-0.0003	-0.0102	-0.0132	-0.0269	-0.0363	0.0169	-0.0026
1969	-0.0206	0.0042	0.0010	0.0427	-0.0490	0.0214	0.0079	-0.0069	-0.0531	0.0365	-0.0243	-0.0068	0.0212	-0.0507
1970	-0.0021	0.0587	-0.0068	-0.0413	-0.0468	0.0486	0.0319	-0.0019	0.0228	-0.0109	0.0791	-0.0084	0.0273	0.1210
1971	0.0506	-0.0163	0.0526	-0.0283	-0.0006	-0.0159	0.0030	0.0471	0.0204	0.0167	-0.0047	0.0044	0.0284	0.1324
1972	-0.0064	0.0088	-0.0082	0.0027	0.0270	-0.0065	0.0216	0.0029	-0.0083	0.0234	0.0226	-0.0229	0.0274	0.0567
1973	-0.0321	0.0014	0.0082	0.0046	-0.0105	-0.0021	-0.0433	0.0391	0.0318	-0.0130	0.0161	-0.0082	0.0276	-0.0110
1974	-0.0083	-0.0024	-0.0292	-0.0253	0.0123	0.0045	-0.0029	-0.0232	0.0247	0.0489	0.0295	0.0171	0.0262	0.0434
1975	0.0225	0.0131	-0.0267	-0.0182	0.0212	0.0292	-0.0087	-0.0068	-0.0098	0.0475	-0.0109	0.0390	0.0227	0.0919
1976	0.0090	0.0062	0.0166	0.0018	-0.0158	0.0208	0.0078	0.0211	0.0145	0.0084	0.0339	0.0327	0.0204	0.1676
1977	-0.0388	-0.0044	0.0089	0.0073	0.0121	0.0165	-0.0038	0.0163	-0.0027	-0.0094	0.0095	-0.0166	0.0205	-0.0065
1978	-0.0083	0.0009	-0.0023	0.0000	-0.0065	-0.0062	0.0141	0.0216	-0.0102	-0.0203	0.0190	-0.0127	0.0187	-0.0118

1979	0.0193	-0.0129	0.0130	-0.0114	0.0259	0.0314	-0.0089	-0.0037	-0.0115	-0.0846	0.0313	0.0056	0.0208	-0.0121
1980	-0.0742	-0.0463	-0.0317	0.1524	0.0420	0.0357	-0.0478	-0.0428	-0.0265	-0.0264	0.0108	0.0344	0.0319	-0.0396
1981	-0.0113	-0.0428	0.0378	-0.0517	0.0626	-0.0185	-0.0356	-0.0388	-0.0143	0.0832	0.1409	-0.0714	0.0413	0.0186
1982	0.0052	0.0191	0.0220	0.0374	0.0042	-0.0233	0.0502	0.0775	0.0621	0.0640	-0.0006	0.0311	0.0443	0.4037
1983	-0.0310	0.0499	-0.0096	0.0353	-0.0391	0.0040	-0.0483	0.0012	0.0507	-0.0133	0.0186	-0.0057	0.0461	0.0069
1984	0.0238	-0.0174	-0.0155	-0.0108	-0.0518	0.0156	0.0688	0.0265	0.0351	0.0553	0.0119	0.0088	0.0463	0.1542
1985	0.0364	-0.0494	0.0307	0.0242	0.0896	0.0142	-0.0180	0.0260	-0.0021	0.0338	0.0401	0.0541	0.0408	0.3097
1986	-0.0025	0.1145	0.0770	-0.0080	-0.0505	0.0607	-0.0108	0.0499	-0.0500	0.0289	0.0267	-0.0019	0.0367	0.2444
1987	0.0162	0.0202	-0.0223	-0.0473	-0.0105	0.0098	-0.0178	-0.0165	-0.0369	0.0623	0.0037	0.0166	0.0367	-0.0270
1988	0.0666	0.0052	-0.0307	-0.0160	-0.0101	0.0368	-0.0170	0.0058	0.0345	0.0308	-0.0197	0.0110	0.0358	0.0967
1989	0.0203	-0.0179	0.0122	0.0159	0.0401	0.0550	0.0238	-0.0259	0.0019	0.0379	0.0078	-0.0006	0.0344	0.1810
1990	-0.0343	-0.0025	-0.0040	-0.0202	0.0415	0.0230	0.0107	-0.0419	-0.0117	0.0215	0.0402	0.0187	0.0327	0.0376
1991	0.0130	0.0030	0.0038	0.0140	0.0000	-0.0063	0.0157	0.0340	0.0303	0.0054	0.0082	0.0581	0.0256	0.1926
1992	-0.0324	0.0051	-0.0094	0.0016	0.0243	0.0200	0.0398	0.0067	0.0185	-0.0198	0.0010	0.0246	0.0234	0.0805
1993	0.0280	0.0354	0.0021	0.0072	0.0047	0.0449	0.0191	0.0434	0.0005	0.0096	-0.0259	0.0020	0.0218	0.1823
1994	0.0257	-0.0450	-0.0395	-0.0150	-0.0082	-0.0100	0.0363	-0.0086	-0.0331	-0.0025	0.0066	0.0161	0.0230	-0.0778
1995	0.0273	0.0287	0.0091	0.0169	0.0790	0.0139	-0.0168	0.0236	0.0175	0.0294	0.0249	0.0272	0.0227	0.3166
1996	-0.0011	-0.0483	-0.0210	-0.0165	-0.0054	0.0203	0.0018	-0.0139	0.0290	0.0404	0.0351	-0.0256	0.0245	-0.0092
1997	-0.0079	0.0005	-0.0252	0.0255	0.0097	0.0195	0.0626	-0.0317	0.0316	0.0341	0.0148	0.0184	0.0256	0.1587
1998	0.0200	-0.0072	0.0025	0.0026	0.0182	0.0228	-0.0040	0.0465	0.0395	-0.0218	0.0097	-0.0032	0.0253	0.1307
1999	0.0121	-0.0520	-0.0008	0.0021	-0.0185	-0.0078	-0.0077	-0.0053	0.0084	-0.0012	-0.0061	-0.0155	0.0242	-0.0899
2000	0.0228	0.0264	0.0367	-0.0076	-0.0054	0.0244	0.0173	0.0240	-0.0157	0.0187	0.0319	0.0243	0.0227	0.2149

	Annual Common Stock Returns		Annual Total LT Bond Returns		Market Risk Premium	LT US Treasury Yield	Annual CPI Inflation Rate	Real Rate
1926	0.1162		0.0777		0.0385	0.0361	-0.0149	0.0510
1927	0.3749		0.0893		0.2856	0.0323	-0.0208	0.0531
1928	0.4361		0.0010		0.4351	0.0347	-0.0097	0.0444
1929	-0.0842		0.0342		-0.1184	0.0347	0.0019	0.0328
1930	-0.2490	0.2618	0.0468	0.0315	-0.2958	0.0337	-0.0603	0.0940
1931	-0.4335	0.3427	-0.0531	0.0477	-0.3804	0.0385	-0.0952	0.1337
1932	-0.0820	0.2898	0.1684	0.0732	-0.2504	0.0321	-0.1030	0.1351
1933	0.5399	0.3275	-0.0008	0.0733	0.5407	0.0353	0.0051	0.0302
1934	-0.0144	0.3277	0.1001	0.0771	-0.1146	0.0298	0.0203	0.0095
1935	0.4766	0.3650	0.0500	0.0771	0.4266	0.0293	0.0299	-0.0006
1936	0.3392	0.2543	0.0750	0.0560	0.2643	0.0252	0.0121	0.0131
1937	-0.3502	0.3347	0.0022	0.0397	-0.3524	0.0279	0.0310	-0.0031
1938	0.3114	0.2986	0.0551	0.0324	0.2562	0.0257	-0.0278	0.0535
1939	-0.0042	0.2975	0.0595	0.0245	-0.0637	0.0238	-0.0048	0.0286
1940	-0.0978	0.2594	0.0609	0.0251	-0.1587	0.0198	0.0096	0.0102
1941	-0.1158	0.2142	0.0093	0.0260	-0.1251	0.0254	0.0972	-0.0718
1942	0.2035	0.1695	0.0322	0.0200	0.1713	0.0242	0.0929	-0.0687
1943	0.2591	0.1546	0.0207	0.0207	0.2384	0.0253	0.0316	-0.0063
1944	0.1973	0.1616	0.0282	0.0172	0.1691	0.0259	0.0211	0.0048
1945	0.3641	0.1603	0.1073	0.0348	0.2568	0.0203	0.0225	-0.0022
1946	-0.0807	0.1474	-0.0009	0.0367	-0.0798	0.0216	0.1817	-0.1601
1947	0.0570	0.1558	-0.0263	0.0449	0.0832	0.0240	0.0901	-0.0661
1948	0.0551	0.1510	0.0339	0.0450	0.0213	0.0241	0.0271	-0.0030
1949	0.1879	0.1501	0.0644	0.0472	0.1235	0.0220	-0.0180	0.0400
1950	0.3174	0.1351	0.0005	0.0315	0.3169	0.0243	0.0579	-0.0336
1951	0.2402	0.1029	-0.0394	0.0383	0.2796	0.0274	0.0587	-0.0313
1952	0.1835	0.0857	0.0116	0.0346	0.1719	0.0275	0.0088	0.0187
1953	-0.0098	0.1082	0.0363	0.0349	-0.0461	0.0278	0.0063	0.0215
1954	0.5262	0.1749	0.0718	0.0370	0.4544	0.0271	-0.0050	0.0321
1955	0.3155	0.1747	-0.0128	0.0385	0.3283	0.0306	0.0037	0.0269
1956	0.0656	0.1902	-0.0559	0.0433	0.1215	0.0352	0.0288	0.0064
1957	-0.1079	0.2314	0.0747	0.0505	-0.1826	0.0329	0.0302	0.0027
1958	0.4337	0.2351	-0.0612	0.0595	0.4949	0.0376	0.0178	0.0198
1959	0.1198	0.1904	-0.0228	0.0488	0.1425	0.0426	0.0150	0.0276
1960	0.0046	0.1818	0.1379	0.0787	-0.1333	0.0404	0.0148	0.0256
1961	0.2689	0.1913	0.0096	0.0709	0.2593	0.0447	0.0067	0.0380
1962	-0.0873	0.1860	0.0688	0.0702	-0.1561	0.0391	0.0122	0.0269
1963	0.2278	0.1335	0.0121	0.0567	0.2156	0.0422	0.0165	0.0257
1964	0.1651	0.1356	0.0351	0.0476	0.1300	0.0402	0.0119	0.0283
1965	0.1245	0.1240	0.0070	0.0234	0.1175	0.0457	0.0192	0.0265
1966	-0.1005	0.1346	0.0365	0.0219	-0.1369	0.0479	0.0335	0.0144
1967	0.2399	0.1233	-0.0919	0.0474	0.3318	0.0604	0.0304	0.0300
1968	0.1108	0.1135	-0.0026	0.0469	0.1134	0.0609	0.0472	0.0137
1969	-0.0849	0.1310	-0.0507	0.0455	-0.0341	0.0677	0.0611	0.0066
1970	0.0403	0.1267	0.1210	0.0735	-0.0808	0.0617	0.0549	0.0068
1971	0.1432	0.1084	0.1324	0.0904	0.0108	0.0608	0.0336	0.0272
1972	0.1898	0.0957	0.0567	0.0704	0.1330	0.0651	0.0341	0.0310
1973	-0.1467	0.1287	-0.0110	0.0718	-0.1356	0.0740	0.0880	-0.0140
1974	-0.2645	0.1728	0.0434	0.0528	-0.3079	0.0828	0.1220	-0.0392
1975	0.3721	0.2320	0.0919	0.0481	0.2803	0.0793	0.0701	0.0092

1976	0.2385	0.2419	0.1676	0.0591	0.0708	0.0764	0.0481	0.0283
1977	-0.0718	0.2403	-0.0065	0.0668	-0.0653	0.0801	0.0677	0.0124
1978	0.0657	0.2243	-0.0118	0.0669	0.0775	0.0899	0.0903	-0.0004
1979	0.1844	0.1512	-0.0121	0.0726	0.1964	0.0987	0.1331	-0.0344
1980	0.3242	0.1383	-0.0396	0.0750	0.3638	0.1184	0.1240	-0.0056
1981	-0.0491	0.1482	0.0186	0.0185	-0.0676	0.1405	0.0894	0.0511
1982	0.2141	0.1283	0.4037	0.1670	-0.1896	0.1061	0.0387	0.0674
1983	0.2251	0.1237	0.0069	0.1653	0.2183	0.1198	0.0380	0.0818
1984	0.0627	0.1321	0.1542	0.1610	-0.0915	0.1162	0.0395	0.0767
1985	0.3216	0.1314	0.3097	0.1572	0.0119	0.0946	0.0377	0.0569
1986	0.1847	0.0833	0.2444	0.1357	-0.0597	0.0796	0.0113	0.0683
1987	0.0523	0.1016	-0.0270	0.1307	0.0793	0.0920	0.0441	0.0479
1988	0.1681	0.0978	0.0967	0.1170	0.0714	0.0919	0.0442	0.0477
1989	0.3149	0.1007	0.1810	0.1174	0.1339	0.0816	0.0465	0.0351
1990	-0.0317	0.1188	0.0618	0.0942	-0.0935	0.0844	0.0611	0.0233
1991	0.3055	0.1368	0.1930	0.0810	0.1125	0.0730	0.0306	0.0424
1992	0.0767	0.1332	0.0805	0.0539	-0.0038	0.0726	0.0290	0.0436
1993	0.0999	0.1358	0.1824	0.0565	-0.0825	0.0654	0.0275	0.0379
1994	0.0131	0.1161	-0.0777	0.0981	0.0908	0.0799	0.0267	0.0532
1995	0.3743	0.1402	0.3167	0.1317	0.0576	0.0603	0.0254	0.0349
1996	0.2307	0.1289	-0.0093	0.1397	0.2400	0.0673	0.0332	0.0341
1997	0.3336	0.1368	0.1585	0.1412	0.1751	0.0602	0.0170	0.0432
1998	0.2858	0.1266	0.1306	0.1377	0.1552	0.0542	0.0161	0.0381
1999	0.2104	0.0614	-0.0896	0.1409	0.3000	0.0682	0.0268	0.0414
2000	-0.0911	0.1489	0.2148	0.1128	-0.3059	0.0558	0.0339	0.0219


Stocks and Bonds Monthly Standard Deviations (19
16.0%
14.0%
12.0%
10.0%
8.0%
6.0%
4.0%
2.0%
0.0%
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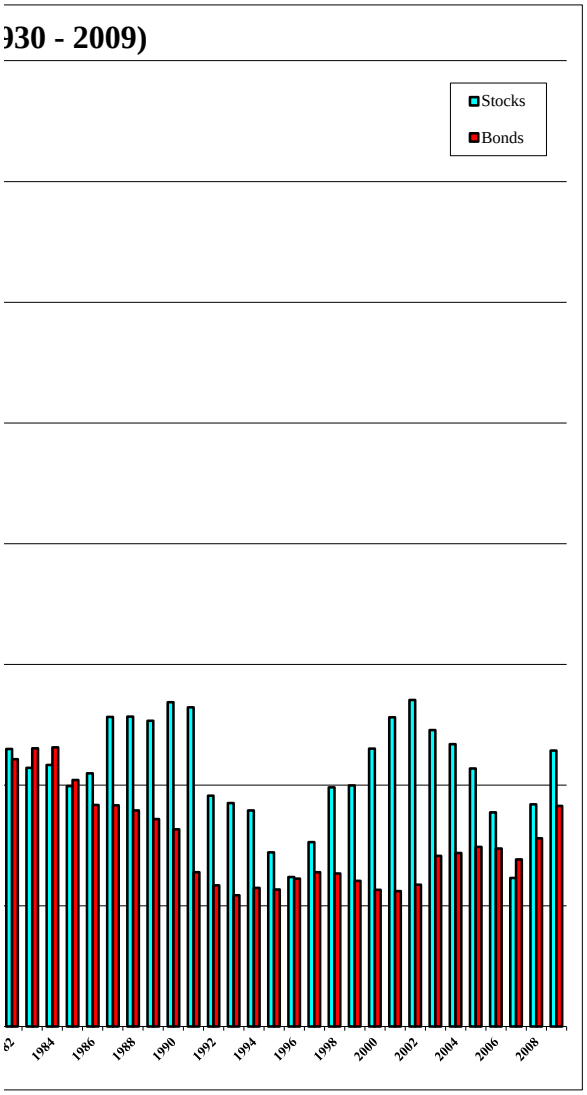
930 - 2009)
Stocks
Bonds
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1986
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1994
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2006
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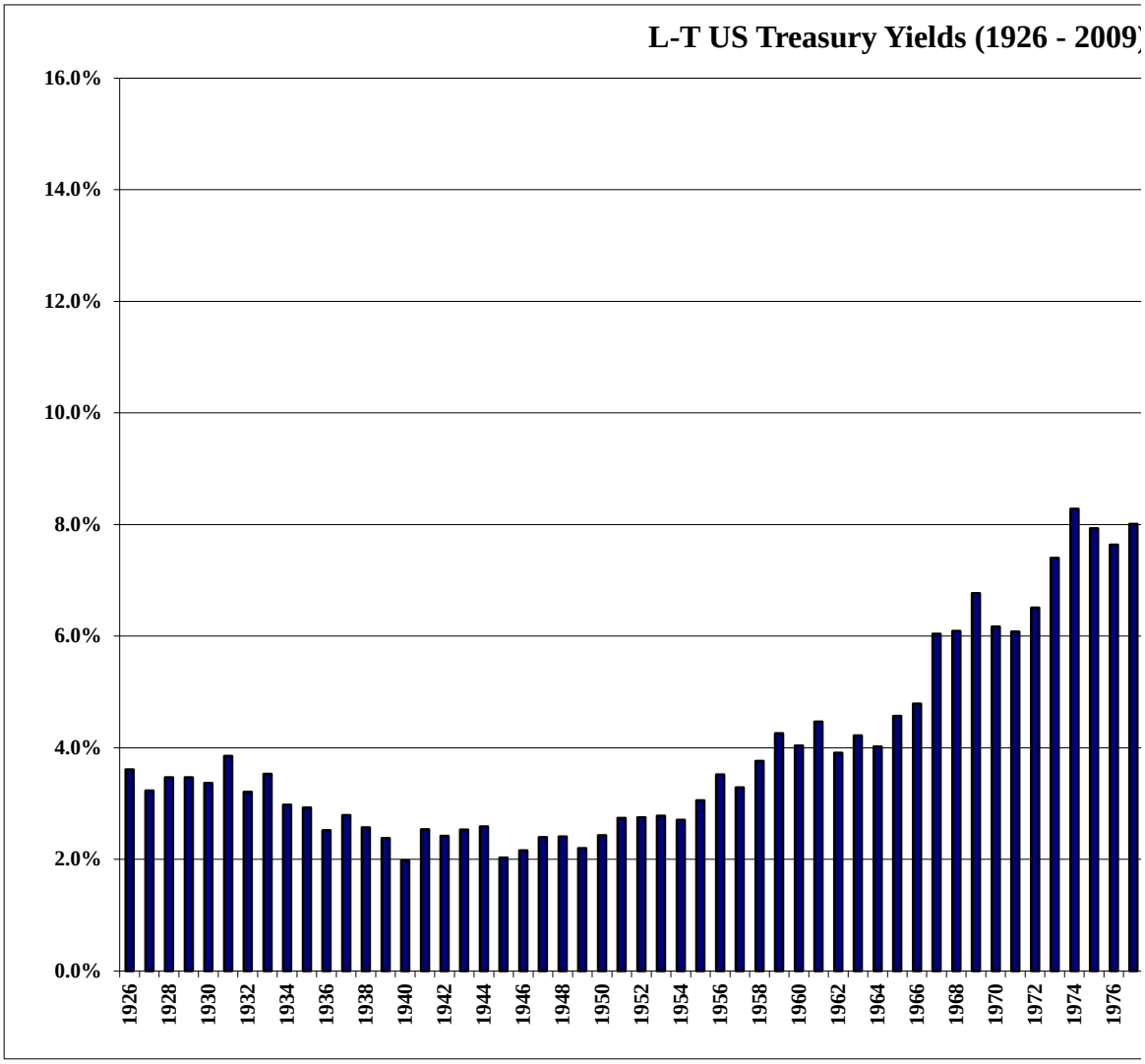
L-T US Treasury Yields (1926 - 2009)
16.0%
14.0%
12.0%
10.0%
8.0%
6.0%
4.0%
2.0%
0.0%
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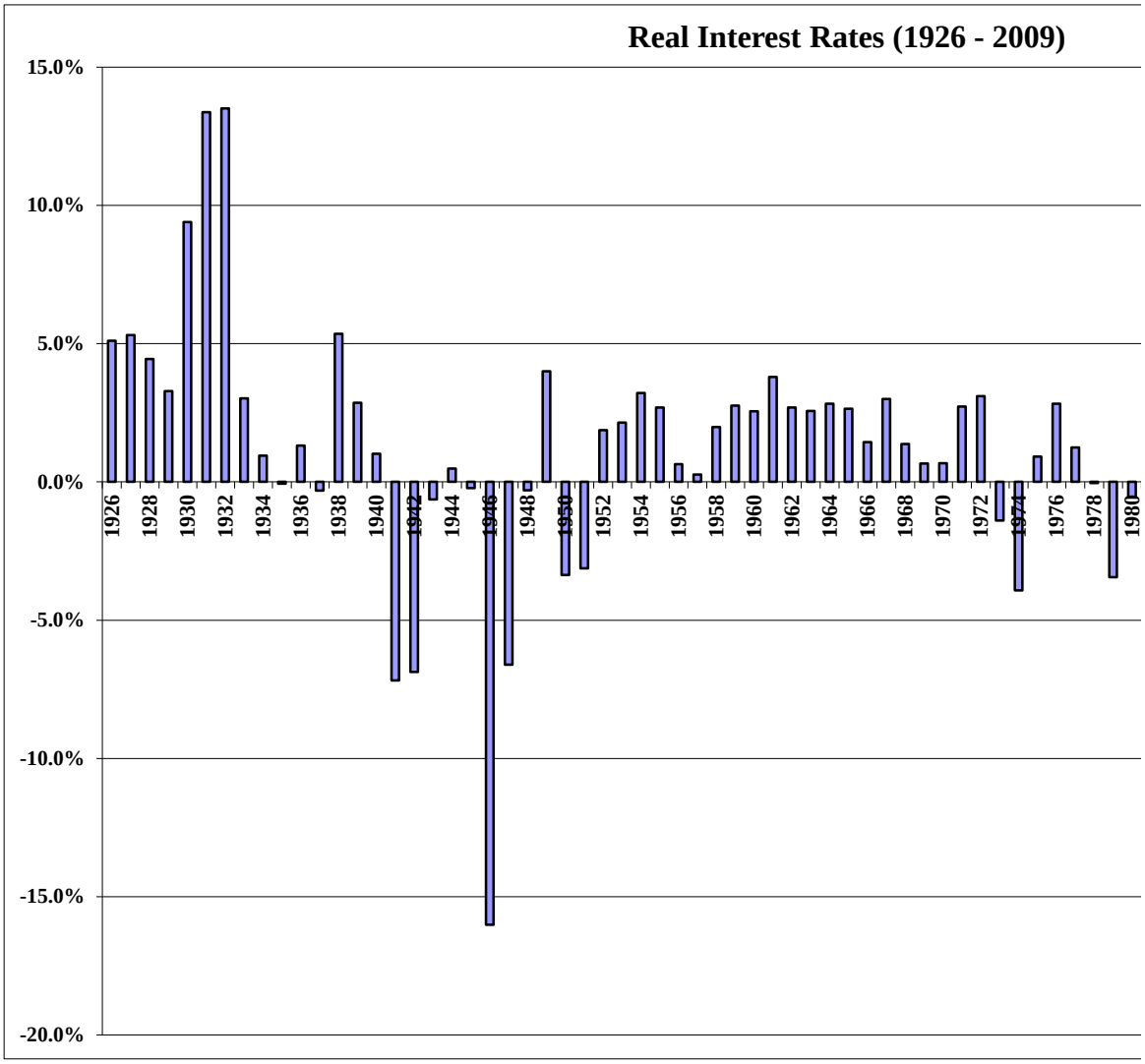
Real Interest Rates (1926 - 2009)
15.0%
10.0%
5.0%
0.0%
-5.0%
-10.0%
-15.0%
-20.0%
1926
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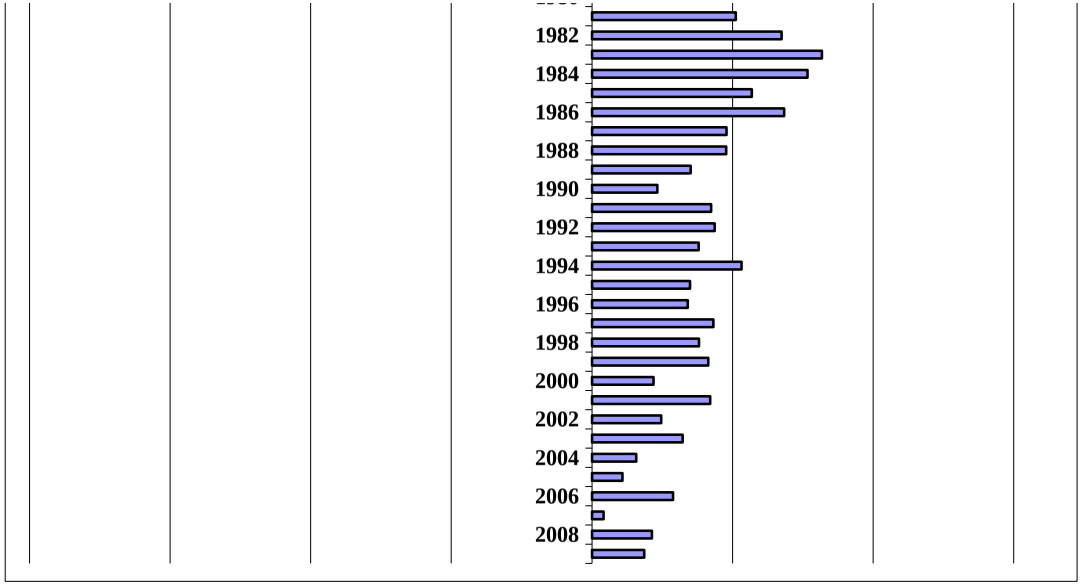
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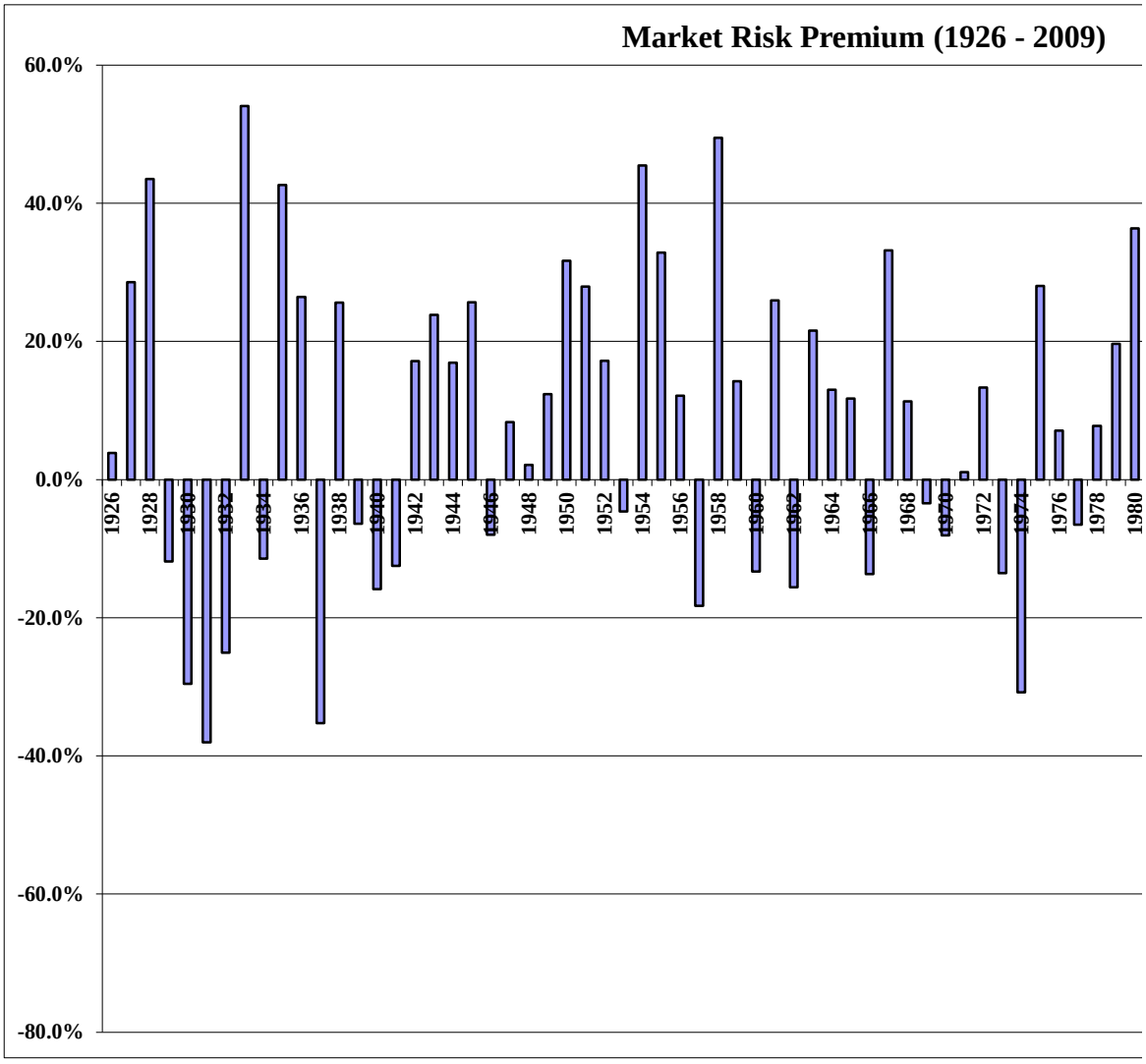
2006
2008


Market Risk Premium (1926 - 2009)
60.0%
40.0%
20.0%
0.0%
-20.0%
-40.0%
-60.0%
-80.0%
1926
1928
1930
1932
1934
1936
1938
1940
1942
1944
1946
1948
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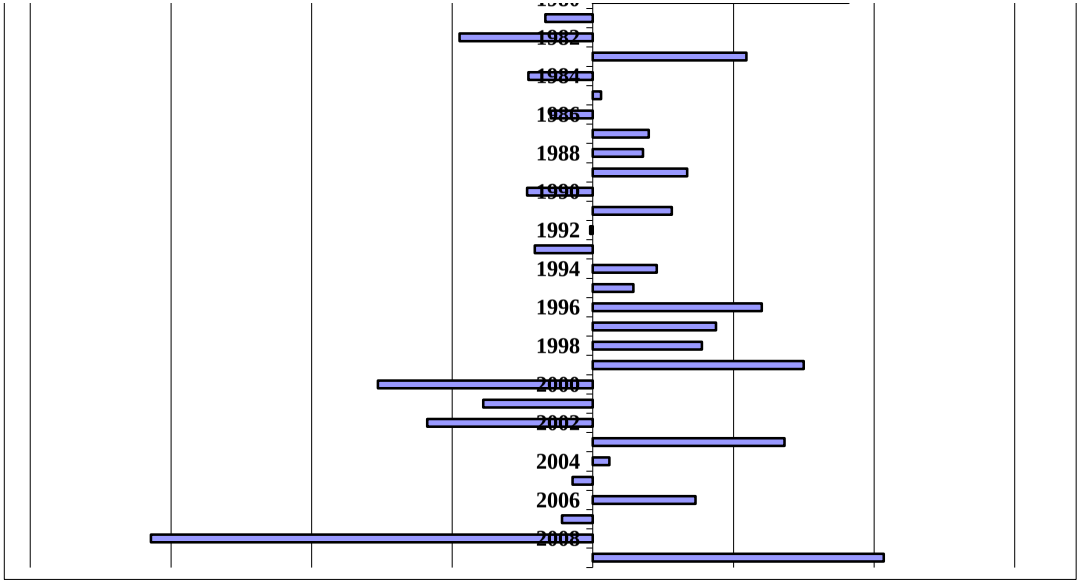
1980


1980
1982
1984
1986
1988
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1992
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1998
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2002
2004
2006
2008