

HS01 1805	0.79	0.503	0.367	0.734	2.185					
HS01 1810	2.336	0.818	0.838	0.855	0.452	0.723	1.15	0.674	0.797	1.872
HS01 1820	2.886	1.419	0.694	0.937	1.347	1.521	1.46	1.471	1.207	0.982
HS01 1830	1.227	1.043	0.13	0.685	0.405	1.283	1.32	0.746	0.712	0.458
HS01 1840	0.248	0.373	0.748	1.282	1.983	1.608	1.023	1.235	1.237	0.757
HS01 1850	0.908	1.09	1.675	0.942	0.584	0.351	0.142	0.295	0.23	0.185
HS01 1860	0.515	0.079	0.153	0.155	0.503	0.464	0.93	0.283	1.103	1.533
HS01 1870	1.398	1.701	1.732	1.507	1.619	0.867	1.25	0.861	0.622	1.118
HS01 1880	0.855	0.433	0.47	0.382	0.587	0.674	0.971	0.803	1.19	0.903
HS01 1890	0.711	0.678	0.423	0.811	1.303	1.66	1.644	1.902	1.572	1.13
HS01 1900	0.17	0.814	0.743	1.042	1.358	1.127	0.762	1.143	0.914	0.676
HS01 1910	0.348	0.733	1.273	2.325	2.568	1.357	0.514	0.583	0.882	1.428
HS01 1920	1.387	1.084	1.088	0.991	0.735	1.309	1.037	0.661	0.178	0.366
HS01 1930	0.498	0.659	1.219	1.133	1.66	2.155	1.305	1.306	1.33	1.054
HS01 1940	1.373	1.425	0.835	1.841	1.822	2.076	1.54	0.382	1.341	1.495
HS01 1950	2.516	1.228	1.417	1.155	0.966	1.22	1.884	1.963	1.699	1.727
HS01 1960	1.352	1.681	1.377	0.903	0.879	0.899	0.523	0.636	0.761	1.505
HS01 1970	1.582	1.223	0.39	1.018	1.226	0.558	0.833	0.962	0.785	1.111
HS01 1980	1.123	1.018	1.014	1.234	0.89	0.594	0.172	0.796	0.518	0.628
HS01 1990	0.706	0.959	0.601	0.625	0.333	0.497	0.82	0.877	1.403	0.243
HS01 2000	0.392	0.387	0.358	0.364	0.319	0.281	-9999			
HS02 1778	1.086	2.497								
HS02 1780	3.243	3.882	2.965	2.422	2.238	2.436	2.35	1.368	2.285	2.666
HS02 1790	2.764	2.695	2.414	3.046	3.22	2.534	2.108	2.421	2.328	1.717
HS02 1800	1.01	1.03	0.9	0.11	0.945	1.074	1.186	1.258	1.336	1.049
HS02 1810	0.897	0.688	0.754	0.908	0.663	0.767	0.706	0.761	0.994	1.35
HS02 1820	0.662	1.147	1.592	1.239	1.435	1.374	1.167	0.914	0.871	0.926
HS02 1830	1.272	0.754	0.337	0.986	0.878	0.797	0.464	0.638	0.647	0.611
HS02 1840	0.478	0.564	0.842	1.067	0.89	0.269	0.381	0.63	0.627	0.494
HS02 1850	0.732	0.917	0.898	0.497	0.545	0.797	1.226	1.119	0.76	0.571
HS02 1860	0.709	0.38	0.479	0.792	0.634	0.834	0.713	0.34	1.167	1.506
HS02 1870	1.33	1.067	1.723	1.989	2.213	1.345	1.886	1.785	1.272	1.383
HS02 1880	1.705	1.288	1.152	1.522	1.089	1.463	1.872	1.64	1.189	0.971
HS02 1890	1.129	0.735	0.49	0.916	1.023	0.851	0.943	0.959	0.84	0.876
HS02 1900	0.447	0.966	1.337	1.728	1.4	1.457	1.433	1.507	1.706	1.522
HS02 1910	1.079	1.631	1.53	1.451	1.543	1.348	0.62	0.969	1.603	1.107
HS02 1920	1.462	1.35	1.168	0.973	0.918	1.229	0.957	0.69	0.575	0.633
HS02 1930	0.7	1.245	1.221	1.42	1.808	1.295	1.121	1.465	1.419	0.985
HS02 1940	1.227	1.348	1.106	1.512	1.883	1.747	1.659	1.078	1.598	1.673
HS02 1950	1.429	0.665	0.721	0.936	1.376	0.863	0.815	0.75	1.426	0.926
HS02 1960	1.023	1.086	0.591	0.364	0.51	0.451	0.416	0.599	0.534	0.921
HS02 1970	0.516	0.481	0.378	0.667	0.761	0.599	0.63	0.374	0.332	0.588
HS02 1980	0.6	0.628	1.569	1.195	0.499	0.355	0.403	0.837	0.487	0.342
HS02 1990	0.558	0.175	0.378	0.228	0.316	0.362	0.906	0.613	0.391	0.17

HS02 2000	0.168	0.221	0.283	0.417	0.574	0.366	0.436	0.371	0.652	0.367
HS02 2010	0.702	-9999								
HS03 1778	0.435	0.852								
HS03 1780	0.948	1.1	1.013	0.75	0.754	1.076	0.94	0.439	0.93	0.79
HS03 1790	0.919	0.835	0.607	0.821	0.764	1.108	0.772	0.873	0.833	0.746
HS03 1800	0.58	1.031	0.879	0.876	0.987	1.318	1.264	1.435	1.119	0.991
HS03 1810	1.204	0.984	1.101	0.981	0.889	0.723	0.828	1.186	1.403	0.848
HS03 1820	0.374	1.051	1.178	1.315	1.625	1.503	0.956	0.751	1.341	1.448
HS03 1830	1.692	1.438	0.841	1.034	1.567	1.52	1.237	1.213	1.166	1.02
HS03 1840	0.94	1.318	1.19	1.866	2.209	1.443	1.447	1.693	1.71	1.844
HS03 1850	1.727	1.431	2.126	1.324	1.655	1.334	2.177	2.133	1.463	1.257
HS03 1860	1.472	1.151	1.214	1.459	1.237	1.533	1.022	0.72	1.217	1.036
HS03 1870	1.272	1.038	1.32	1.394	1.324	1.602	1.706	1.161	1.107	1.013
HS03 1880	1.247	1.084	0.985	1.107	0.842	0.887	1.137	1.224	1.392	1.283
HS03 1890	1.606	1.144	0.802	1.218	1.216	1.256	1.022	1.369	1.234	1.32
HS03 1900	0.851	1.238	1.213	1.573	1.063	1.095	1.195	1.208	1.305	1.129
HS03 1910	1.177	1.248	1.188	1.222	1.425	1.104	0.723	0.982	1.134	1.398
HS03 1920	1.328	0.937	1.3	1.103	1.046	1.286	1.073	1.141	0.903	1.047
HS03 1930	0.801	1.266	1.141	1.129	1.233	1.078	1.196	1.386	1.225	1.294
HS03 1940	1.072	1.522	1.337	1.705	1.012	1.126	1.057	0.726	1.21	1.553
HS03 1950	1.6	0.976	1.134	1.062	0.877	0.759	0.903	0.722	0.786	1.06
HS03 1960	0.967	1.136	0.781	0.509	0.686	0.631	0.848	0.826	0.734	0.757
HS03 1970	0.743	0.534	0.589	0.928	1.146	0.655	0.584	0.605	0.351	0.772
HS03 1980	0.738	0.767	0.814	0.864	0.507	0.627	0.481	1.093	0.534	0.52
HS03 1990	0.581	0.289	0.354	0.358	0.348	0.565	0.81	0.601	0.482	0.522
HS03 2000	0.287	0.195	0.359	0.388	0.408	0.312	0.069	0.578	0.306	0.405
HS03 2010	0.461	-9999								
HS04 1778	0.844	1.422								
HS04 1780	1.097	1.649	1.12	0.76	0.569	0.733	0.498	0.31	0.857	0.625
HS04 1790	0.886	0.645	0.692	1.218	1.14	1.19	1.248	1.5	1.45	1.615
HS04 1800	0.858	1.003	1.538	0.964	0.986	1.14	1.905	1.093	1.463	1.662
HS04 1810	1.523	0.863	1.367	1.258	1.261	1.598	2.063	1.478	2.526	2.323
HS04 1820	1.426	1.605	0.846	0.637	0.696	1.18	0.842	0.837	0.877	1.677
HS04 1830	1.882	1.321	0.871	1.37	0.834	1.508	1.174	1.125	1.404	0.73
HS04 1840	0.885	1.48	1.264	1.776	1.816	0.846	0.713	0.953	0.918	0.763
HS04 1850	1.055	1.171	1.199	0.629	0.624	1.445	2.09	2.024	1.186	1.335
HS04 1860	0.903	0.603	0.645	0.987	1.15	1.264	1.054	0.654	1.678	1.665
HS04 1870	1.346	1.127	1.647	1.32	1.626	1.371	1.505	1.108	1.493	1.59
HS04 1880	1.836	1.213	1.484	1.803	1.04	1.116	1.011	1.492	0.782	0.612
HS04 1890	1.054	0.903	0.973	1.297	1.135	1.199	1.414	1.534	1.658	1.615
HS04 1900	0.577	1.263	1.096	1.296	1.539	2.031	1.69	1.597	1.37	1.383
HS04 1910	0.715	1.32	2.572	1.489	1.423	1.12	0.77	1.159	1.358	0.918
HS04 1920	1.42	1.279	1.636	1.05	1.215	1.608	1.035	0.616	0.552	0.801
HS04 1930	1.253	1.354	1.339	2.264	1.47	1.219	0.725	0.637	0.734	0.714

HS06 1925	1.369	0.902	0.795	0.49	0.634					
HS06 1930	0.782	1.053	1.01	1.51	0.941	0.928	0.896	0.937	1.002	0.919
HS06 1940	0.845	1.022	1.04	1.142	1.745	1.235	1.757	0.532	1.197	0.916
HS06 1950	1.139	0.872	1.148	0.664	0.807	0.601	0.743	0.749	0.913	0.968
HS06 1960	0.812	1.104	1.533	1.211	2.513	2.216	1.544	1.077	0.892	0.954
HS06 1970	0.915	0.703	0.687	0.803	0.818	0.57	0.539	0.53	0.576	0.977
HS06 1980	0.842	0.805	0.661	0.806	0.544	0.394	0.523	1.052	1.02	0.941
HS06 1990	1.027	0.839	0.883	0.703	0.665	1.302	2.02	1.286	1.129	1.264
HS06 2000	0.71	0.626	0.44	0.688	0.973	0.884	0.608	0.726	-9999	
HS07 1826	1.566	0.992	1.648	1.636						
HS07 1830	1.409	0.949	0.835	0.985	0.905	0.675	0.76	0.879	0.933	0.801
HS07 1840	0.525	0.78	0.813	1.162	1.026	0.93	1.0	1.0	0.993	1.017
HS07 1850	0.906	0.801	1.049	0.611	0.736	1.061	1.165	0.913	1.091	0.849
HS07 1860	0.92	0.64	0.65	0.583	0.719	0.814	0.837	0.525	1.137	1.197
HS07 1870	1.142	0.957	0.856	1.179	0.949	0.83	1.163	1.186	1.278	1.152
HS07 1880	1.513	0.74	0.866	0.836	0.877	0.911	0.951	0.865	0.741	0.789
HS07 1890	0.868	1.208	0.997	1.054	1.036	0.966	1.028	1.105	0.945	1.168
HS07 1900	1.0	1.322	1.405	1.449	1.163	1.017	0.796	0.686	0.772	0.913
HS07 1910	0.817	1.164	0.989	1.27	1.279	1.136	0.859	0.628	1.472	1.675
HS07 1920	1.693	1.172	1.082	0.925	0.933	1.473	1.01	0.926	0.569	0.93
HS07 1930	1.103	1.337	1.015	1.229	1.195	1.264	1.276	1.122	0.949	0.707
HS07 1940	0.772	1.159	1.198	1.004	0.958	0.856	1.023	0.792	1.353	1.353
HS07 1950	1.959	1.779	1.197	0.897	1.17	0.774	1.189	1.256	1.093	0.916
HS07 1960	0.775	0.992	1.012	0.957	1.816	1.44	1.163	1.003	0.965	1.082
HS07 1970	1.006	0.383	0.0	0.784	0.929	0.0	1.096	1.297	0.679	0.807
HS07 1980	0.627	0.593	1.076	0.829	0.725	0.16	0.622	-9999		
HS08 1825	0.41	0.403	0.343	0.421	0.511					
HS08 1830	0.449	0.309	0.235	0.539	0.405	0.282	0.226	0.352	0.265	0.298
HS08 1840	0.349	0.453	0.263	0.339	0.296	0.309	0.358	0.513	0.406	0.399
HS08 1850	0.309	0.578	0.464	0.528	0.695	0.748	1.081	1.059	0.921	0.679
HS08 1860	0.656	0.434	0.723	0.904	0.99	0.874	0.746	0.774	1.074	1.115
HS08 1870	1.398	1.098	0.843	0.902	0.943	0.733	1.074	0.744	0.996	0.815
HS08 1880	0.61	0.576	1.057	0.943	0.882	1.022	1.046	0.846	0.923	1.408
HS08 1890	1.995	1.939	1.078	1.551	1.137	1.417	1.473	1.085	0.761	0.878
HS08 1900	1.053	1.445	1.916	2.358	0.997	1.229	1.439	1.478	1.115	1.573
HS08 1910	1.784	1.747	1.713	0.956	0.973	1.106	0.662	0.559	1.076	1.551
HS08 1920	0.91	0.841	0.554	0.802	0.908	1.378	0.649	0.593	0.705	0.992
HS08 1930	1.178	0.749	0.675	0.681	1.294	1.447	0.912	0.938	1.357	1.857
HS08 1940	1.779	1.523	1.374	1.868	1.991	2.075	2.11	1.195	1.409	1.918
HS08 1950	1.672	0.845	1.35	1.307	1.337	0.897	1.132	1.022	1.096	1.081
HS08 1960	1.074	1.001	0.755	0.41	0.559	0.729	0.613	0.893	0.986	1.793
HS08 1970	1.094	1.518	1.803	2.097	1.868	1.409	0.675	0.556	0.567	0.949
HS08 1980	1.037	1.163	1.27	1.352	0.945	0.873	1.257	2.191	1.808	1.572
HS08 1990	1.16	0.828	1.396	1.268	0.481	1.62	1.145	0.899	1.307	0.941

HS08 2000	0.83	0.82	0.485	0.416	0.399	0.41	-9999			
HS09 1781	1.192	2.344	1.197	0.488	0.698	1.224	1.067	0.903	0.666	
HS09 1790	0.834	0.299	0.541	0.824	0.527	0.895	0.443	1.339	1.182	1.133
HS09 1800	0.401	1.376	1.585	1.359	1.563	1.088	1.457	1.13	1.086	1.007
HS09 1810	0.972	0.316	0.552	0.577	0.308	0.804	1.452	0.818	1.124	1.532
HS09 1820	2.687	2.125	2.162	0.634	0.365	0.587	0.984	0.631	0.433	0.956
HS09 1830	1.035	0.857	0.212	0.849	0.729	1.216	0.681	0.485	0.286	0.27
HS09 1840	0.205	0.845	1.27	2.27	1.74	0.633	0.783	0.954	1.042	0.762
HS09 1850	1.549	1.165	1.001	0.401	0.196	0.777	1.226	1.247	0.882	0.463
HS09 1860	0.661	0.275	0.408	0.349	0.576	0.88	0.98	0.214	1.196	2.339
HS09 1870	1.658	2.075	2.921	3.349	2.379	1.406	2.393	1.21	0.84	1.294
HS09 1880	1.474	1.271	1.114	1.223	1.363	1.052	1.472	1.346	1.087	0.573
HS09 1890	0.536	0.61	0.359	1.121	1.168	1.81	2.009	2.212	0.767	0.239
HS09 1900	0.112	0.344	0.279	0.495	0.447	0.52	0.339	0.573	0.204	0.554
HS09 1910	0.295	0.356	0.971	0.954	1.185	1.172	0.344	0.514	0.898	0.915
HS09 1920	1.493	0.603	0.533	0.717	0.562	1.088	0.697	0.474	0.224	0.241
HS09 1930	0.437	0.518	0.856	0.965	1.917	2.012	0.704	0.986	1.103	0.819
HS09 1940	1.434	1.356	0.342	1.519	2.035	1.635	1.412	0.292	0.915	1.263
HS09 1950	1.859	0.768	1.132	1.202	1.646	2.016	2.607	2.415	1.645	1.266
HS09 1960	1.744	1.148	1.247	0.667	1.056	0.752	0.483	0.536	0.604	1.069
HS09 1970	0.868	0.486	0.378	0.925	1.455	0.3	1.285	2.06	1.058	2.77
HS09 1980	2.015	1.382	2.304	1.531	1.059	0.588	0.247	0.527	0.934	0.755
HS09 1990	0.696	0.933	1.233	0.741	0.577	0.385	0.449	0.822	0.606	1.037
HS09 2000	0.396	0.387	0.471	0.579	0.623	0.738	0.341	0.451	-9999	
HS10 1778	0.455	1.578								
HS10 1780	1.216	1.216	1.266	0.625	0.865	1.308	1.227	0.371	0.869	1.196
HS10 1790	1.205	0.551	0.634	1.248	1.172	1.024	0.742	1.317	1.41	1.136
HS10 1800	0.479	1.394	1.399	2.046	1.573	1.5	1.777	1.289	0.737	0.466
HS10 1810	0.369	0.199	0.419	0.362	0.248	0.679	1.12	0.565	0.945	1.249
HS10 1820	1.476	1.623	1.453	1.229	1.389	1.121	1.132	0.668	0.713	1.016
HS10 1830	1.098	0.662	0.444	0.82	0.846	0.721	0.66	0.543	0.461	0.598
HS10 1840	0.321	0.871	0.834	1.422	1.72	1.507	1.179	1.029	0.917	0.493
HS10 1850	0.778	0.983	1.114	0.96	0.488	0.764	1.587	1.222	1.027	0.912
HS10 1860	1.135	0.589	0.78	0.909	0.788	0.971	0.872	0.158	1.254	1.154
HS10 1870	1.142	1.025	0.46	0.492	0.332	0.174	0.935	0.812	0.594	1.236
HS10 1880	1.246	1.267	0.923	1.652	1.861	1.984	2.364	2.508	1.63	0.923
HS10 1890	1.249	1.608	1.279	2.163	2.447	2.916	2.343	1.592	0.687	0.624
HS10 1900	0.458	0.515	0.925	1.327	1.123	1.258	1.156	1.183	0.762	0.712
HS10 1910	0.58	0.788	0.949	0.759	1.422	0.947	0.936	0.547	0.611	0.821
HS10 1920	1.044	1.172	0.977	1.101	0.915	1.239	1.122	0.812	0.538	0.917
HS10 1930	1.306	1.153	1.733	1.474	0.666	0.977	0.456	0.561	1.056	1.257
HS10 1940	0.973	0.808	1.111	1.373	1.631	0.582	1.434	0.683	0.918	1.103
HS10 1950	1.664	1.136	1.263	1.384	1.018	1.595	0.746	0.797	0.834	0.961
HS10 1960	0.988	0.942	0.685	0.617	0.594	0.592	0.587	0.648	0.444	0.601

HS10 1970	0.509	0.792	0.61	0.816	0.732	0.313	0.638	0.776	0.782	1.635
HS10 1980	0.859	0.895	0.943	1.238	0.646	0.335	0.515	0.485	0.568	1.194
HS10 1990	1.458	1.416	1.0	1.053	1.153	1.523	2.145	2.63	1.249	0.949
HS10 2000	0.698	0.607	1.254	0.903	0.851	0.571	0.787	0.247	0.725	0.496
HS10 2010	0.267	-9999								
HS11 1778	0.802	0.329								
HS11 1780	0.312	2.689	2.071	3.266	1.581	0.706	0.847	1.239	0.895	0.305
HS11 1790	0.242	0.763	0.714	0.836	0.939	0.354	0.486	0.283	0.352	0.601
HS11 1800	0.418	0.334	0.719	1.275	2.274	1.816	2.746	1.413	0.936	1.358
HS11 1810	1.049	0.373	0.707	0.89	0.66	0.954	1.187	0.766	1.192	1.421
HS11 1820	1.527	1.234	0.438	0.733	1.187	1.818	1.657	0.968	0.487	0.601
HS11 1830	0.498	0.514	0.15	0.832	0.397	0.841	0.626	0.432	0.454	0.23
HS11 1840	0.095	0.394	0.488	0.857	0.713	0.618	0.578	1.026	2.03	1.355
HS11 1850	2.013	1.029	0.927	0.397	0.352	0.574	0.893	0.963	0.543	0.363
HS11 1860	0.64	0.224	0.351	0.392	0.987	0.904	1.035	0.308	1.785	2.113
HS11 1870	1.582	1.901	2.653	3.038	3.072	1.604	2.737	1.431	1.207	1.283
HS11 1880	1.17	0.782	0.833	0.884	0.988	1.496	1.691	1.394	1.823	1.093
HS11 1890	0.929	0.962	0.634	1.291	2.508	2.951	1.863	2.466	2.313	1.496
HS11 1900	0.124	0.77	0.683	1.054	0.886	1.131	0.949	0.599	0.181	0.18
HS11 1910	0.122	0.236	0.332	0.459	0.533	0.236	0.132	0.133	0.363	0.363
HS11 1920	0.526	0.578	0.241	0.359	0.338	0.443	0.241	0.247	0.216	0.285
HS11 1930	0.288	0.195	0.301	0.417	0.713	1.205	0.804	1.549	1.168	0.845
HS11 1940	0.978	1.233	0.928	1.45	1.261	1.146	1.592	0.715	1.402	2.07
HS11 1950	1.954	0.906	1.183	1.006	1.16	1.284	1.909	2.546	1.973	1.974
HS11 1960	1.68	2.818	3.13	1.644	1.9	1.399	1.447	0.234	0.216	0.364
HS11 1970	0.407	0.329	0.372	0.484	0.672	0.163	0.96	0.855	0.828	1.548
HS11 1980	1.547	1.62	1.548	1.739	1.418	1.134	0.763	1.269	1.131	0.833
HS11 1990	1.084	1.585	1.181	1.009	0.627	0.93	1.114	1.122	1.792	0.566
HS11 2000	0.67	0.373	0.374	0.535	0.505	0.342	0.231	0.524	0.512	0.221
HS11 2010	0.25	-9999								
HS12 1778	0.405	0.916								
HS12 1780	1.099	1.771	0.952	0.568	0.858	2.101	1.908	0.374	1.545	1.52
HS12 1790	1.0	0.864	0.938	0.909	1.017	1.87	0.696	1.842	1.567	1.171
HS12 1800	0.236	1.09	2.071	1.94	1.431	1.27	1.881	2.241	2.179	1.885
HS12 1810	1.816	0.877	1.1	1.206	0.485	0.965	1.443	0.853	1.176	1.835
HS12 1820	2.419	2.147	0.883	0.595	0.461	0.404	0.691	0.522	0.452	0.746
HS12 1830	0.863	0.875	0.192	0.67	0.592	0.822	0.571	0.43	0.449	0.135
HS12 1840	0.143	0.359	0.328	0.663	0.823	0.782	0.746	0.748	1.032	0.258
HS12 1850	0.575	0.742	0.312	0.405	0.238	0.409	0.548	1.04	0.744	0.332
HS12 1860	0.545	0.249	0.297	0.348	0.695	0.874	1.056	0.392	1.338	1.558
HS12 1870	1.108	1.138	2.12	1.577	1.474	1.0	1.95	1.386	1.003	2.203
HS12 1880	1.608	0.93	1.262	1.123	0.835	0.99	0.982	0.627	1.043	1.165
HS12 1890	0.823	0.652	0.286	0.77	1.029	1.675	1.191	1.734	1.463	1.051
HS12 1900	0.423	0.724	1.003	0.121	1.137	1.334	0.83	1.155	0.462	0.412

HS12 1910	0.257	0.89	1.062	2.151	2.324	1.42	0.605	0.891	1.472	1.121
HS12 1920	1.479	1.146	1.126	0.767	0.433	0.881	0.607	0.246	0.192	0.453
HS12 1930	0.446	0.202	0.456	0.79	0.861	1.253	0.808	0.759	0.849	0.499
HS12 1940	1.151	0.996	0.534	1.347	1.329	1.501	1.259	0.594	1.066	1.399
HS12 1950	1.695	1.097	1.197	0.844	1.15	1.402	1.396	2.18	1.781	0.965
HS12 1960	1.36	1.539	1.309	0.491	0.79	1.268	0.53	1.106	1.32	1.594
HS12 1970	2.014	1.688	1.411	1.487	1.971	1.018	1.069	1.541	1.572	1.869
HS12 1980	3.221	2.122	1.844	2.534	1.369	1.019	0.393	1.121	0.783	0.897
HS12 1990	1.044	1.465	0.589	0.566	0.372	0.533	0.563	0.817	1.262	0.292
HS12 2000	0.596	0.426	0.489	0.525	0.464	0.357	0.359	0.735	0.325	0.371
HS12 2010	0.188	-9999								
HS13 1778	0.103	0.661								
HS13 1780	0.699	1.383	0.804	0.512	0.301	0.791	0.594	0.0	0.886	0.377
HS13 1790	0.45	0.292	0.678	0.818	0.824	1.192	0.704	1.56	1.607	0.901
HS13 1800	0.322	0.607	0.511	0.727	0.823	1.087	0.553	0.346	0.703	1.005
HS13 1810	0.492	0.185	0.292	0.453	0.025	0.445	0.875	1.384	1.893	2.481
HS13 1820	1.28	1.073	1.562	1.096	1.276	0.557	1.316	1.26	0.727	0.549
HS13 1830	0.941	0.875	0.126	0.203	0.127	0.599	0.495	1.656	3.604	1.664
HS13 1840	2.112	1.464	0.954	2.966	0.719	0.44	0.044	0.483	1.107	0.0
HS13 1850	2.569	1.403	1.47	0.441	-9999					
HS13 1864	0.124	0.16	0.274	0.013	0.528	0.494				
HS13 1870	0.224	0.493	1.472	1.362	1.394	1.108	1.044	0.535	0.652	0.558
HS13 1880	0.677	0.434	0.356	0.367	0.312	0.88	1.185	0.862	0.549	0.416
HS13 1890	0.219	0.136	0.0	0.172	0.867	1.456	1.891	1.975	2.065	1.192
HS13 1900	0.493	0.45	0.441	0.482	0.478	0.325	0.164	0.269	0.159	0.265
HS13 1910	0.133	0.386	0.489	0.748	0.817	0.867	0.316	0.729	1.175	0.292
HS13 1920	0.728	0.531	0.711	0.488	0.29	0.527	0.372	0.258	0.071	0.163
HS13 1930	0.547	0.42	0.873	1.026	1.03	1.325	0.978	1.663	1.206	0.656
HS13 1940	1.114	0.84	0.506	1.001	1.12	1.271	1.244	0.445	1.51	2.329
HS13 1950	3.517	0.971	1.577	1.499	2.098	2.434	5.348	2.636	2.351	2.898
HS13 1960	2.859	3.686	2.523	1.237	2.148	3.231	2.456	3.036	1.897	2.468
HS13 1970	2.566	1.544	0.881	0.989	1.957	1.103	1.827	1.981	1.278	2.128
HS13 1980	3.025	1.233	1.761	1.498	0.805	0.515	0.381	0.712	0.408	0.392
HS13 1990	0.766	0.521	0.305	0.363	0.271	0.454	0.923	0.575	0.708	0.067
HS13 2000	0.363	0.081	0.081	0.31	0.203	0.171	0.165	0.341	0.224	0.094
HS13 2010	-9999									
HS14 1778	0.357	0.186								
HS14 1780	0.6	0.559	1.11	0.569	0.477	0.527	0.611	0.439	0.888	0.34
HS14 1790	0.704	0.517	0.593	0.889	0.597	0.573	0.215	0.843	0.64	0.741
HS14 1800	0.619	1.32	1.266	1.582	2.001	1.315	1.671	1.316	1.089	0.932
HS14 1810	1.414	0.676	0.859	0.688	0.522	0.249	0.877	1.596	0.843	1.394
HS14 1820	1.439	1.972	0.159	0.159	2.737	2.0	1.444	1.159	1.409	0.387
HS14 1830	1.866	1.416	1.215	1.865	1.546	1.575	0.661	1.547	1.272	1.663
HS14 1840	0.782	0.941	0.873	0.738	0.39	1.207	1.052	1.043	0.477	0.917

HS14 1850	1.095	1.212	1.109	1.538	1.064	0.798	0.757	0.429	0.787	1.565
HS14 1860	1.582	1.159	0.868	1.339	0.526	0.475	0.504	0.544	0.384	0.49
HS14 1870	0.336	0.524	0.442	0.877	0.91	1.385	1.128	1.346	1.141	0.962
HS14 1880	1.067	1.237	1.442	1.237	1.327	1.482	1.969	2.305	1.724	1.574
HS14 1890	0.947	0.85	0.975	0.657	1.837	1.771	2.509	1.542	1.728	1.065
HS14 1900	0.259	0.188	0.492	0.718	0.721	0.487	0.523	0.886	0.485	0.867
HS14 1910	0.226	1.476	1.611	2.05	2.53	1.974	0.165	0.36	1.109	1.096
HS14 1920	0.317	1.066	0.65	0.786	0.583	0.186	0.918	0.495	0.157	0.292
HS14 1930	0.447	0.282	0.703	0.814	1.311	1.383	0.517	0.601	0.761	0.548
HS14 1940	0.811	1.327	0.429	1.326	1.576	1.012	1.08	0.259	1.217	1.075
HS14 1950	1.846	0.715	1.68	1.2	1.542	1.245	2.217	1.885	1.827	1.776
HS14 1960	1.494	1.271	1.367	0.541	1.524	0.853	0.716	0.674	0.386	1.035
HS14 1970	1.126	0.56	0.147	1.41	1.497	0.393	0.923	1.542	0.617	1.864
HS14 1980	1.255	0.756	1.591	1.132	0.657	0.36	0.614	1.184	0.57	0.195
HS14 1990	1.205	1.192	0.895	0.611	0.829	0.792	1.514	1.015	2.24	0.855
HS14 2000	0.408	0.649	1.038	0.603	0.65	0.251	0.911	0.267	0.612	0.312
HS14 2010	0.185	-9999								
HS15 1778	0.518	0.304								
HS15 1780	1.006	0.843	2.07	1.121	0.717	0.71	1.173	0.969	1.402	0.799
HS15 1790	0.594	0.404	0.474	0.986	0.736	0.954	0.72	1.517	1.466	1.2
HS15 1800	0.374	1.091	1.366	1.493	1.744	1.638	3.141	1.452	1.077	1.432
HS15 1810	1.418	0.267	0.566	0.347	0.32	0.719	1.242	0.681	1.261	1.77
HS15 1820	2.221	1.677	0.984	0.857	0.847	0.959	1.002	0.854	0.535	1.29
HS15 1830	1.401	0.39	0.156	0.59	0.61	0.677	0.612	0.614	0.318	0.335
HS15 1840	0.261	0.944	0.914	1.34	1.327	0.648	1.117	1.259	1.179	0.598
HS15 1850	1.055	0.967	0.729	0.723	0.445	1.071	1.824	1.889	1.278	1.078
HS15 1860	1.961	0.637	1.367	0.958	1.055	1.227	1.232	0.421	2.436	1.984
HS15 1870	1.44	1.786	2.213	1.766	1.842	1.437	1.285	0.982	0.968	0.947
HS15 1880	0.963	0.203	0.378	0.314	0.294	0.342	0.466	0.336	0.406	0.149
HS15 1890	0.157	0.32	0.613	0.58	0.383	0.556	0.688	0.645	0.364	0.449
HS15 1900	0.175	0.175	0.78	0.55	0.822	0.616	0.616	0.637	0.753	0.319
HS15 1910	0.18	1.311	1.653	2.395	1.972	0.774	0.183	0.218	0.626	0.811
HS15 1920	0.774	0.477	1.042	0.703	0.565	0.391	0.463	1.068	0.924	0.503
HS15 1930	1.038	0.279	0.862	0.979	0.998	1.297	1.979	1.516	0.88	0.834
HS15 1940	1.153	1.449	0.615	1.68	1.968	1.509	1.197	0.193	0.978	1.364
HS15 1950	2.047	0.655	0.959	0.779	1.278	1.186	2.64	2.044	1.266	1.555
HS15 1960	1.429	1.19	1.122	0.408	1.185	1.149	0.758	1.103	0.954	1.149
HS15 1970	1.175	0.828	0.198	1.217	1.815	0.359	0.637	1.116	0.662	1.636
HS15 1980	1.058	0.563	1.014	1.008	0.738	0.716	0.639	1.514	1.531	1.204
HS15 1990	1.404	1.965	1.225	1.504	1.096	1.105	2.309	1.459	2.281	0.384
HS15 2000	1.011	0.563	0.571	0.839	0.682	1.329	1.289	-9999		
HS16 1813	0.897	0.907	1.584	1.06	0.733	1.077	1.068			
HS16 1820	0.471	0.744	0.656	0.357	0.813	1.801	0.459	0.856	1.832	2.683
HS16 1830	2.32	1.985	0.856	0.634	0.708	0.699	0.603	0.284	0.63	0.893

HS16 1840	0.577	0.482	0.558	1.279	0.537	0.4	0.436	0.062	0.226	0.831
HS16 1850	1.023	3.337	3.472	0.555	0.666	1.487	1.526	1.169	3.135	1.26
HS16 1860	1.664	0.334	0.018	0.0	0.646	0.11	0.355	0.094	0.262	0.231
HS16 1870	0.272	0.319	0.569	0.542	0.785	1.324	1.821	1.997	0.924	0.969
HS16 1880	0.702	0.214	0.216	0.652	0.613	0.535	1.624	0.817	0.806	2.244
HS16 1890	2.712	1.975	1.123	0.616	0.952	2.064	3.161	2.331	2.727	1.234
HS16 1900	0.646	0.295	0.297	0.345	0.553	0.655	0.444	0.73	0.584	0.848
HS16 1910	0.48	1.292	2.354	2.308	2.291	1.143	0.373	1.059	1.914	1.518
HS16 1920	0.633	0.711	0.78	0.762	0.652	0.215	0.176	0.428	0.23	1.064
HS16 1930	1.535	2.001	2.216	0.573	0.65	0.773	0.42	1.585	1.522	0.573
HS16 1940	1.891	2.461	1.217	1.44	1.376	1.475	3.725	0.792	2.233	1.247
HS16 1950	2.297	3.269	3.891	3.499	3.152	3.086	2.151	1.309	0.696	0.626
HS16 1960	0.48	0.331	0.514	0.766	0.766	0.4	0.745	0.861	0.631	1.339
HS16 1970	0.777	0.844	0.34	0.691	0.762	0.101	0.626	1.436	0.441	1.619
HS16 1980	1.303	0.659	1.266	1.701	0.846	0.437	0.25	0.472	0.329	0.301
HS16 1990	0.329	0.556	0.383	0.241	0.172	0.34	0.831	0.403	0.883	0.228
HS16 2000	0.177	0.0	0.0	0.411	0.312	0.36	0.091	0.019	0.646	0.125
HS16 2010	0.321	-9999								
HS17 1789	0.827									
HS17 1790	1.139	0.832	0.909	1.086	0.819	1.173	0.745	1.329	1.475	0.937
HS17 1800	0.198	1.169	1.461	1.46	1.497	1.102	1.804	0.601	0.281	0.749
HS17 1810	1.012	0.185	0.677	0.199	0.053	0.639	0.398	0.632	1.11	0.991
HS17 1820	2.519	1.568	1.512	1.401	1.451	1.617	0.784	0.614	0.806	0.762
HS17 1830	0.895	1.036	0.433	1.478	1.12	0.685	0.455	0.703	1.454	1.129
HS17 1840	-9999									
HS17 1864	0.475	0.594	0.7	0.02	1.137	1.172				
HS17 1870	0.745	0.939	1.69	1.68	1.462	0.501	0.635	0.415	0.185	0.241
HS17 1880	0.497	0.373	0.268	0.539	0.344	0.826	1.51	1.42	1.832	1.002
HS17 1890	0.387	0.32	0.235	0.929	1.433	3.146	2.877	3.959	1.887	1.209
HS17 1900	0.0	0.319	0.293	0.597	0.19	0.174	0.234	0.49	0.285	0.405
HS17 1910	0.083	0.65	1.625	2.602	2.45	1.467	0.427	0.808	0.972	0.313
HS17 1920	0.808	0.658	0.329	0.524	0.066	1.0	1.015	0.444	0.079	0.374
HS17 1930	0.06	0.855	0.907	1.391	2.811	3.782	1.293	1.056	1.545	0.798
HS17 1940	0.629	1.012	0.276	1.918	2.84	2.041	2.17	0.243	2.57	1.801
HS17 1950	2.472	0.978	2.489	1.669	2.455	1.958	1.576	1.286	0.739	0.974
HS17 1960	0.898	1.29	1.55	0.461	1.184	1.063	0.536	0.83	1.127	1.795
HS17 1970	0.833	0.572	0.257	1.454	1.64	0.335	0.94	1.524	0.852	1.655
HS17 1980	1.492	0.903	1.473	1.731	0.947	0.198	0.023	0.549	0.491	0.64
HS17 1990	0.673	1.04	0.629	0.68	0.418	0.792	1.012	0.882	1.403	0.59
HS17 2000	0.025	0.299	0.258	0.605	0.564	0.846	0.586	0.395	1.306	0.567
HS17 2010	0.932	-9999								
HS18 1930	0.574	0.67	0.406	0.273	0.491	0.601	0.317	0.166	0.183	0.356
HS18 1940	0.385	0.403	0.685	1.148	0.33	0.383	0.72	0.821	1.491	1.161
HS18 1950	0.699	0.604	0.374	1.027	1.286	1.35	3.623	1.706	1.346	1.567

HS18 1960	1.648	2.187	2.129	0.636	1.978	1.096	0.308	0.392	0.821	0.919
HS18 1970	1.361	0.484	0.223	1.268	2.075	0.247	1.276	1.077	0.606	1.576
HS18 1980	1.633	0.591	1.326	1.367	0.494	0.128	0.191	0.534	0.22	0.211
HS18 1990	0.833	0.618	0.336	0.261	0.169	0.31	1.173	1.093	3.864	0.311
HS18 2000	2.742	1.329	2.231	1.985	2.38	2.33	1.273	0.465	1.842	0.74
HS18 2010	1.146	-9999								
HS19 1801	0.557	1.262	1.216	1.253	1.05	1.133	0.692	0.201	0.964	
HS19 1810	1.306	0.588	1.198	0.938	0.597	1.152	1.434	0.764	1.042	2.221
HS19 1820	1.336	1.774	0.545	0.985	1.562	1.896	1.393	0.658	0.564	0.942
HS19 1830	1.183	0.676	0.109	0.739	0.516	1.265	0.674	0.736	0.448	0.112
HS19 1840	0.073	0.486	1.0	1.667	1.49	0.624	1.01	1.207	1.387	0.845
HS19 1850	1.548	1.069	1.079	0.388	0.41	1.311	1.679	1.459	1.026	0.836
HS19 1860	1.403	0.17	0.213	0.288	0.736	0.508	0.812	0.0	1.28	1.047
HS19 1870	0.67	0.801	1.588	2.812	2.531	1.464	1.002	1.249	0.844	1.134
HS19 1880	1.6	1.399	1.169	1.037	0.731	1.745	2.181	1.369	1.118	0.542
HS19 1890	0.514	0.418	0.413	0.609	1.509	2.051	1.87	2.498	2.002	1.787
HS19 1900	0.604	0.877	0.981	2.26	0.724	0.613	0.513	0.432	0.219	0.118
HS19 1910	0.0	1.064	1.758	1.509	1.461	0.861	0.393	0.313	0.755	0.328
HS19 1920	0.757	0.501	0.195	0.337	0.433	0.791	0.495	0.587	0.0	0.155
HS19 1930	0.327	0.141	0.413	0.911	1.277	2.171	0.862	0.717	1.039	1.108
HS19 1940	0.88	1.751	0.756	1.711	2.775	1.375	1.582	0.0	1.311	0.646
HS19 1950	1.871	0.0	0.295	1.369	0.621	2.168	2.197	3.026	1.019	0.602
HS19 1960	1.514	1.487	1.574	0.0	0.707	0.997	0.787	0.381	0.52	0.921
HS19 1970	0.981	0.711	0.0	1.342	1.163	0.211	0.794	1.219	0.593	2.406
HS19 1980	1.85	0.793	1.054	2.513	1.738	1.024	0.753	1.741	1.077	0.664
HS19 1990	0.968	1.864	0.869	1.028	1.11	1.009	1.761	1.225	2.628	0.125
HS19 2000	1.146	0.341	0.631	0.788	1.005	0.922	0.823	0.686	0.11	0.412
HS19 2010	0.075	-9999								
HS20 1778	0.931	0.887								
HS20 1780	1.997	0.97	0.498	0.563	1.254	0.966	0.918	0.094	0.841	0.916
HS20 1790	1.117	0.678	0.544	1.054	0.636	0.834	0.748	0.918	1.131	1.279
HS20 1800	0.215	0.828	2.508	2.627	2.883	2.365	2.958	1.949	2.528	2.404
HS20 1810	2.195	0.824	1.326	1.302	0.548	1.006	1.985	0.735	1.533	2.371
HS20 1820	3.721	2.414	2.186	0.833	1.239	1.48	1.755	0.739	0.463	0.384
HS20 1830	0.469	0.6	0.036	0.356	0.164	0.287	0.329	0.161	0.163	0.0
HS20 1840	0.042	0.335	0.321	0.43	0.863	0.697	0.661	0.918	0.435	0.129
HS20 1850	0.25	0.654	0.351	0.394	0.206	0.556	0.681	1.247	0.85	0.367
HS20 1860	0.871	0.254	0.0	0.086	0.193	0.353	0.484	0.0	0.504	0.914
HS20 1870	0.425	0.729	1.487	1.825	1.369	0.92	1.377	1.371	1.335	1.136
HS20 1880	0.505	0.225	0.329	0.231	0.194	0.22	0.368	0.228	0.508	0.481
HS20 1890	0.306	0.414	0.221	0.44	0.929	0.787	0.65	0.705	1.35	0.895
HS20 1900	0.183	0.581	0.303	0.247	0.274	0.422	0.376	0.457	0.23	0.684
HS20 1910	0.274	0.775	1.016	1.944	2.033	2.191	0.517	0.462	0.465	0.496
HS20 1920	0.936	0.857	0.717	0.702	0.507	1.054	1.039	0.355	0.034	0.27

HS20 1930	0.345	0.209	0.416	0.702	1.631	2.375	0.864	1.018	1.269	0.6
HS20 1940	1.674	1.312	0.769	2.388	3.529	2.45	2.338	0.229	1.556	1.381
HS20 1950	2.929	1.522	2.026	1.67	2.052	2.239	3.218	1.777	2.393	2.201
HS20 1960	2.625	2.477	2.13	0.37	1.387	1.518	0.464	0.773	1.001	1.858
HS20 1970	1.567	1.407	0.454	1.089	2.66	0.683	1.216	1.784	2.181	3.398
HS20 1980	3.256	1.81	1.918	2.506	1.382	0.865	0.176	0.843	0.412	0.566
HS20 1990	0.445	1.324	0.814	0.619	0.176	0.308	0.636	1.31	2.376	0.523
HS20 2000	0.534	0.257	0.322	0.455	0.558	0.676	0.432	0.053	0.529	0.238
HS20 2010	0.284	-9999								

WT01 1801	1.475	1.783	0.884	1.45	0.901	1.509	1.559	1.255	0.945	
WT01 1810	0.524	0.185	0.825	1.069	0.352	0.404	1.37	1.299	0.858	1.623
WT01 1820	1.289	1.169	1.475	1.427	1.812	1.065	0.692	0.509	0.437	0.827
WT01 1830	0.73	0.523	0.078	0.115	0.149	0.264	0.313	0.029	0.04	0.138
WT01 1840	0.258	0.572	0.787	1.449	1.455	0.428	0.394	0.333	0.336	0.429
WT01 1850	1.161	1.427	1.457	1.064	0.854	1.406	2.099	1.872	0.744	0.794
WT01 1860	1.284	0.736	1.247	1.356	1.476	1.404	1.761	0.488	1.256	1.063
WT01 1870	0.504	0.928	1.797	1.496	1.668	1.432	1.863	2.018	1.573	1.156
WT01 1880	0.569	0.497	0.448	0.526	0.74	0.645	0.496	0.673	0.892	0.611
WT01 1890	0.464	0.55	0.482	1.1	1.66	1.567	1.744	1.191	1.005	1.077
WT01 1900	0.564	0.912	0.995	0.793	1.13	1.034	0.812	1.033	1.35	1.404
WT01 1910	1.184	1.493	1.348	1.512	1.143	0.815	0.722	0.877	1.132	1.314
WT01 1920	1.235	1.232	1.376	2.097	2.07	1.503	1.39	0.761	0.579	0.633
WT01 1930	0.737	0.55	0.705	0.575	0.443	0.679	0.713	0.892	1.712	0.806
WT01 1940	1.061	1.239	0.836	1.185	1.727	1.372	1.49	0.621	0.643	0.483
WT01 1950	0.244	0.108	0.327	0.283	0.333	0.367	0.466	0.502	0.619	0.9
WT01 1960	1.448	0.959	1.079	1.1	1.104	1.157	0.589	0.489	0.693	1.033
WT01 1970	1.441	1.63	1.19	1.26	1.756	1.553	1.333	1.146	1.062	1.269
WT01 1980	1.27	1.237	0.963	1.067	0.655	0.931	0.811	1.243	1.054	0.968
WT01 1990	1.107	0.987	1.091	0.693	0.693	0.901	0.97	1.195	0.953	0.658
WT01 2000	0.744	1.021	0.674	0.726	0.708	1.414	1.499	1.085	1.239	0.963
WT01 2010	1.099	-9999								
WT02 1778	0.453	1.218								
WT02 1780	1.158	1.267	1.09	0.492	1.046	1.185	1.378	0.705	0.467	0.401
WT02 1790	0.766	0.638	0.793	1.4	0.907	1.665	1.134	1.561	2.088	1.411
WT02 1800	1.093	1.824	1.608	1.61	1.558	1.241	1.885	1.246	1.174	0.971
WT02 1810	0.547	0.218	1.131	0.875	0.178	0.362	1.383	0.965	0.519	1.237
WT02 1820	0.92	1.081	1.66	1.497	1.693	1.228	1.03	0.824	0.692	1.528
WT02 1830	0.976	0.751	0.0	0.508	0.333	0.565	0.25	0.0	0.199	0.304
WT02 1840	0.764	0.736	0.898	0.674	0.332	0.0	0.183	0.347	0.352	0.953
WT02 1850	0.966	0.44	0.495	0.476	0.759	1.202	0.929	0.208	0.0	0.344
WT02 1860	1.012	0.188	0.646	0.974	0.815	0.0	0.765	0.161	1.044	0.932
WT02 1870	0.126	0.586	1.176	1.42	1.471	0.924	1.409	1.377	1.237	1.338
WT02 1880	1.465	1.326	1.794	1.889	1.513	1.685	0.928	1.331	1.195	1.061
WT02 1890	0.652	0.772	0.594	1.277	1.609	1.742	2.138	2.408	1.561	2.418
WT02 1900	0.769	1.086	1.307	0.683	0.948	0.94	0.577	1.255	1.223	1.43
WT02 1910	1.01	1.065	1.077	0.963	0.934	1.049	0.551	0.93	0.942	0.973
WT02 1920	0.925	0.663	0.888	0.937	0.834	1.07	0.911	0.405	0.419	0.578
WT02 1930	0.787	0.354	0.806	0.937	0.773	0.493	0.657	0.733	1.089	0.555
WT02 1940	0.711	0.672	0.396	0.894	0.901	0.892	1.006	0.755	1.032	1.126
WT02 1950	1.115	0.611	0.605	0.714	0.708	0.969	1.295	1.354	1.466	1.659
WT02 1960	1.552	1.219	1.903	1.956	1.313	1.396	0.817	1.096	0.808	1.53
WT02 1970	1.382	1.048	0.992	0.813	1.096	0.781	0.902	0.898	1.006	1.332
WT02 1980	1.828	1.312	1.684	2.079	1.375	1.372	1.129	1.031	0.814	0.908

WT02 1990	1.348	1.263	0.976	0.809	0.891	0.772	1.056	1.458	0.924	0.545
WT02 2000	0.473	0.627	0.532	0.555	0.638	0.803	1.003	0.578	0.813	0.601
WT02 2010	0.813	-9999								
WT03 1788	0.847	0.714								
WT03 1790	0.494	1.255	0.833	1.226	1.944	1.965	1.627	0.398	1.138	1.127
WT03 1800	0.443	0.334	0.682	0.696	0.947	0.706	1.382	1.072	1.128	1.116
WT03 1810	0.404	0.099	0.579	0.814	0.222	0.356	2.346	1.424	0.956	1.747
WT03 1820	1.718	1.434	2.29	1.629	2.36	1.547	0.974	0.67	0.585	2.033
WT03 1830	1.272	1.11	0.385	1.482	0.783	0.98	0.181	0.0	0.0	0.246
WT03 1840	0.198	0.386	0.865	1.209	1.265	0.216	0.306	0.409	0.423	0.578
WT03 1850	1.402	1.559	1.109	0.761	0.71	0.813	1.534	1.211	0.579	0.656
WT03 1860	1.078	0.794	1.241	1.34	1.401	0.915	1.129	0.456	1.061	1.097
WT03 1870	0.855	1.042	1.303	1.338	1.685	1.358	1.654	1.416	1.501	1.152
WT03 1880	1.572	1.435	1.359	1.148	0.79	0.728	0.69	0.813	0.886	0.467
WT03 1890	0.27	0.233	0.503	1.127	1.247	1.148	1.317	1.194	0.56	0.911
WT03 1900	0.352	0.811	0.967	0.639	0.927	0.589	0.276	0.635	0.874	1.374
WT03 1910	0.788	0.703	0.881	1.131	1.547	1.868	0.964	1.286	1.74	2.315
WT03 1920	1.482	1.15	1.117	1.3	1.208	2.061	1.096	0.929	0.676	0.901
WT03 1930	1.067	0.824	0.954	1.199	1.029	0.857	0.965	0.894	1.382	0.696
WT03 1940	1.031	0.599	0.778	1.175	1.401	0.822	0.717	0.584	0.336	0.493
WT03 1950	0.709	0.814	1.006	0.781	1.12	0.981	0.884	0.726	0.998	0.764
WT03 1960	0.783	0.651	1.051	0.995	0.754	0.99	0.7	1.0	1.052	1.105
WT03 1970	1.667	1.181	0.754	0.968	1.314	1.011	1.099	1.089	1.096	1.52
WT03 1980	1.563	0.965	1.124	1.029	0.778	0.888	0.859	1.043	0.82	0.952
WT03 1990	1.521	1.388	1.069	0.837	0.976	0.833	1.109	1.255	1.229	0.907
WT03 2000	0.657	1.027	1.181	1.502	0.999	0.905	0.873	0.841	0.829	0.861
WT03 2010	0.671	-9999								
WT04 1778	0.644	2.085								
WT04 1780	1.877	1.014	0.997	0.202	1.287	2.121	2.133	1.049	0.801	0.339
WT04 1790	1.168	0.952	0.936	1.641	1.624	1.991	0.735	0.995	0.934	0.751
WT04 1800	0.659	1.426	1.427	1.152	1.399	0.585	1.325	1.651	2.673	0.975
WT04 1810	0.295	0.0	0.405	0.873	0.25	0.0	1.146	1.149	1.104	2.262
WT04 1820	2.903	2.529	2.281	1.376	2.118	1.014	0.953	0.534	0.504	0.798
WT04 1830	0.866	1.065	0.444	0.955	0.71	0.563	0.431	0.366	0.2	0.25
WT04 1840	0.384	0.919	0.802	0.686	0.418	0.05	0.184	0.134	0.418	0.567
WT04 1850	0.55	1.032	1.196	1.177	0.959	0.858	1.416	1.379	1.048	0.49
WT04 1860	0.651	0.211	0.566	0.886	1.076	0.768	0.702	0.493	0.918	1.214
WT04 1870	0.88	1.018	1.201	1.896	1.44	1.435	1.308	1.641	1.116	1.128
WT04 1880	2.233	2.424	1.39	1.763	1.203	1.08	0.763	0.284	0.551	0.848
WT04 1890	0.698	0.844	0.769	0.812	0.634	0.662	0.853	0.852	0.513	0.571
WT04 1900	0.761	0.614	0.833	1.124	1.211	1.823	1.094	0.904	1.56	2.057
WT04 1910	1.372	1.314	1.681	1.858	1.699	1.496	0.822	0.691	1.032	1.668
WT04 1920	0.858	0.623	0.594	0.64	0.612	0.868	0.585	0.527	0.619	0.954
WT04 1930	1.382	1.188	0.917	0.583	0.846	1.543	2.37	1.368	1.045	0.689

WT04 1940	0.487	0.836	1.03	0.747	0.958	0.802	0.998	0.614	0.617	0.57
WT04 1950	0.671	0.674	0.809	0.647	0.616	0.602	0.924	1.266	2.407	1.635
WT04 1960	0.958	0.671	0.847	0.434	0.506	0.789	0.229	0.603	0.659	1.398
WT04 1970	1.622	0.652	0.511	0.202	0.978	0.762	1.421	1.582	1.915	2.445
WT04 1980	3.83	2.25	2.601	2.406	1.193	1.124	0.871	0.429	0.268	0.75
WT04 1990	0.695	0.553	0.58	0.282	0.57	0.82	0.717	0.906	1.008	0.417
WT04 2000	0.375	0.805	0.527	0.412	0.343	0.62	0.276	0.28	1.389	0.963
WT04 2010	1.107	-9999								
WT05 1793	1.312	1.463	1.227	0.88	1.204	1.027	0.99			
WT05 1800	0.961	1.488	1.173	1.278	0.973	0.859	1.222	1.136	1.069	0.758
WT05 1810	0.556	0.226	0.7	0.673	0.333	0.348	1.032	0.634	0.905	1.278
WT05 1820	1.591	1.071	1.634	1.317	1.873	1.307	0.875	0.877	0.541	0.935
WT05 1830	1.076	1.291	0.495	1.073	0.592	0.915	0.472	0.444	0.487	0.495
WT05 1840	0.52	0.806	0.584	1.412	1.721	0.556	0.734	0.86	0.739	0.6
WT05 1850	0.916	0.919	1.08	1.162	0.993	0.751	1.931	1.393	0.576	0.87
WT05 1860	0.994	0.511	1.216	1.216	1.292	0.859	0.492	0.296	1.082	0.898
WT05 1870	0.703	1.1	1.348	1.74	0.99	0.944	1.284	0.953	0.959	1.277
WT05 1880	1.93	1.414	1.226	1.684	1.069	1.113	1.037	1.03	0.499	0.496
WT05 1890	0.651	0.584	0.53	1.397	1.329	1.448	1.789	1.208	1.02	1.718
WT05 1900	0.701	0.801	1.204	0.956	1.229	0.609	0.397	0.716	0.907	1.459
WT05 1910	0.874	1.285	1.382	0.985	1.394	1.626	0.611	0.936	1.798	1.649
WT05 1920	0.767	1.108	1.39	0.854	0.797	1.035	0.702	0.573	0.343	0.916
WT05 1930	1.029	0.354	0.703	1.426	1.86	2.597	1.839	1.915	1.787	0.25
WT05 1940	0.193	0.312	0.185	0.311	0.362	0.373	0.494	0.0	0.198	0.216
WT05 1950	0.396	0.459	0.591	0.514	0.528	0.543	0.823	0.619	0.682	1.002
WT05 1960	0.88	0.752	1.369	1.033	1.199	1.39	0.448	0.99	0.0	0.514
WT05 1970	1.107	1.023	0.0	0.274	1.284	0.195	0.989	1.558	1.216	2.734
WT05 1980	2.811	2.446	2.683	1.879	0.913	1.043	0.735	0.766	0.499	1.182
WT05 1990	1.446	1.023	0.567	0.78	0.838	1.003	1.249	1.472	1.752	0.299
WT05 2000	0.683	1.183	0.858	1.142	0.897	0.903	1.192	0.714	1.638	0.81
WT05 2010	1.396	-9999								
WT06 1778	0.346	0.946								
WT06 1780	1.998	1.223	1.333	0.921	1.567	2.725	1.463	0.72	0.706	0.888
WT06 1790	1.222	1.191	0.737	1.277	0.869	1.185	0.6	1.15	1.079	0.924
WT06 1800	0.954	1.188	1.511	1.171	1.114	1.306	1.453	0.941	1.305	0.743
WT06 1810	0.331	0.167	0.615	0.523	0.349	0.273	1.155	0.801	0.527	1.188
WT06 1820	1.285	1.656	2.123	1.363	1.797	0.894	0.578	0.782	0.691	1.34
WT06 1830	0.873	0.699	0.251	1.154	0.798	0.745	0.527	0.26	0.207	0.334
WT06 1840	0.712	0.686	1.33	2.055	2.202	0.583	0.786	0.712	0.625	0.659
WT06 1850	1.718	1.305	1.291	0.812	0.968	1.36	2.165	1.414	0.753	0.744
WT06 1860	1.067	0.609	0.682	1.129	0.934	0.333	0.667	0.313	0.776	0.838
WT06 1870	0.651	0.723	1.338	1.351	1.641	1.021	1.619	1.387	1.112	0.955
WT06 1880	1.46	1.147	1.305	1.859	1.184	1.318	0.718	0.748	0.78	0.764
WT06 1890	0.23	0.424	0.358	1.135	0.965	1.154	1.454	1.431	0.625	1.306

WT06 1900	0.411	0.987	0.982	0.804	1.086	0.845	0.602	1.232	1.389	1.326
WT06 1910	0.963	1.08	1.755	1.08	1.493	1.5	0.468	0.774	1.229	0.949
WT06 1920	0.781	0.9	0.788	0.81	0.643	0.982	0.644	0.585	0.328	0.768
WT06 1930	1.454	0.578	0.866	0.926	1.014	0.897	1.097	1.426	1.564	0.724
WT06 1940	1.045	0.925	0.847	2.039	2.154	1.592	2.108	0.516	1.16	0.663
WT06 1950	0.345	0.419	0.631	0.833	0.794	0.754	1.114	1.077	0.906	1.055
WT06 1960	0.896	0.652	1.103	0.874	1.71	1.502	0.696	1.067	1.013	1.37
WT06 1970	0.898	0.353	0.199	0.334	0.513	0.379	0.691	1.312	1.22	1.326
WT06 1980	1.233	1.227	1.353	0.977	1.102	1.398	0.856	0.959	0.848	1.351
WT06 1990	1.219	0.858	0.667	0.893	1.262	1.175	1.027	1.619	1.675	0.408
WT06 2000	0.529	0.994	0.83	-9999						
WT07 1778	0.924	3.773								
WT07 1780	2.377	1.141	1.36	0.18	0.745	1.262	1.945	0.645	0.0	0.374
WT07 1790	0.259	0.971	0.966	1.118	1.925	2.708	3.613	1.375	1.635	2.039
WT07 1800	0.0	0.998	0.683	1.521	1.442	0.463	1.106	0.309	1.233	0.888
WT07 1810	1.569	0.0	0.405	0.155	0.326	0.3	0.605	0.435	0.19	0.807
WT07 1820	1.27	1.783	1.972	0.916	2.099	1.366	0.732	0.521	0.277	0.833
WT07 1830	0.666	0.776	0.452	1.592	0.454	1.144	0.141	0.377	0.189	0.173
WT07 1840	0.236	0.487	0.487	1.756	2.271	0.313	0.281	0.249	0.373	0.264
WT07 1850	0.835	1.018	0.83	0.69	0.749	0.99	2.762	2.33	0.498	0.511
WT07 1860	0.974	0.448	0.551	1.054	1.229	0.31	0.839	0.0	0.924	1.332
WT07 1870	0.57	1.021	2.404	1.995	1.47	1.426	3.378	2.331	0.89	0.964
WT07 1880	1.815	1.834	1.883	1.55	1.822	2.291	0.911	2.132	1.736	1.654
WT07 1890	1.252	1.167	0.742	1.634	1.364	1.231	2.417	1.666	0.565	1.269
WT07 1900	0.246	0.347	0.749	0.621	0.473	0.477	0.0	0.483	0.695	0.664
WT07 1910	0.387	0.389	0.657	0.713	0.895	1.131	0.342	0.686	0.976	1.194
WT07 1920	1.014	0.525	0.308	0.867	0.577	0.611	0.985	0.731	0.071	0.494
WT07 1930	0.386	0.071	0.622	0.685	0.628	0.437	0.333	0.429	0.407	0.0
WT07 1940	0.494	0.362	0.0	0.414	0.605	0.492	0.353	0.0	0.3	0.282
WT07 1950	0.375	0.356	0.527	0.56	0.907	0.739	1.254	1.238	1.658	1.884
WT07 1960	1.971	2.405	3.199	1.612	1.607	1.51	0.571	0.894	1.167	2.159
WT07 1970	1.734	0.943	0.664	0.638	1.441	0.813	1.831	1.145	1.552	1.567
WT07 1980	3.449	1.704	1.439	2.071	0.852	1.069	1.068	0.581	0.86	0.757
WT07 1990	1.504	1.515	0.81	0.842	1.385	1.126	1.138	0.973	0.734	0.147
WT07 2000	0.263	0.739	0.434	0.668	0.5	0.948	0.759	0.536	1.02	0.409
WT07 2010	0.497	-9999								
WT08 1871	1.109	1.199	0.949	1.398	0.584	1.394	1.762	1.863	0.617	
WT08 1880	0.071	0.164	0.29	0.312	0.464	1.044	1.651	1.122	2.839	1.535
WT08 1890	0.864	0.493	0.282	0.679	0.441	0.271	0.825	1.458	1.811	0.945
WT08 1900	0.115	0.285	0.273	0.521	1.341	2.72	0.834	0.514	0.911	1.016
WT08 1910	0.8	0.675	1.076	1.868	5.298	2.867	0.654	0.259	0.598	0.34
WT08 1920	0.395	0.238	0.341	0.497	0.558	0.464	0.55	0.716	0.671	1.165
WT08 1930	0.764	0.797	0.663	0.611	1.145	0.674	1.497	3.443	3.791	0.668
WT08 1940	1.411	0.536	0.635	0.583	0.965	0.537	0.416	0.519	0.492	1.227

WT08 1950	0.435	0.406	0.443	0.275	0.518	1.218	1.333	2.123	2.682	1.991
WT08 1960	2.019	0.597	0.76	1.045	1.145	0.605	0.577	0.59	0.56	1.102
WT08 1970	0.676	0.692	0.991	1.254	0.74	1.161	0.671	0.792	1.026	1.05
WT08 1980	1.074	1.563	-9999							
WT09 1788	0.379	0.948								
WT09 1790	1.165	0.832	0.924	1.348	0.926	1.602	0.731	0.711	1.048	1.496
WT09 1800	1.108	1.533	1.566	0.905	0.71	0.301	0.927	1.312	1.645	1.234
WT09 1810	0.799	0.284	1.262	0.793	0.22	0.281	1.022	0.73	0.514	1.272
WT09 1820	1.442	1.312	1.492	1.261	2.299	1.368	1.192	1.201	1.394	2.698
WT09 1830	1.863	1.364	0.296	0.955	0.814	0.77	0.407	0.096	0.153	0.357
WT09 1840	0.559	0.837	0.686	1.268	1.264	0.274	0.433	0.488	0.536	0.19
WT09 1850	0.343	0.345	0.4	0.886	0.386	1.006	1.232	1.101	0.667	0.798
WT09 1860	1.294	0.844	1.074	0.949	0.647	0.415	0.637	0.498	1.324	0.916
WT09 1870	0.602	1.088	1.239	1.656	2.573	1.388	1.814	1.298	1.209	1.706
WT09 1880	2.03	1.324	1.812	1.672	1.068	0.98	0.782	1.148	0.902	0.741
WT09 1890	0.41	0.874	0.661	1.425	1.713	1.873	2.35	1.759	1.302	2.187
WT09 1900	1.12	1.216	0.712	0.471	0.478	0.465	0.202	0.42	0.663	0.752
WT09 1910	0.498	0.629	0.836	0.646	0.933	0.825	0.104	0.562	0.923	0.978
WT09 1920	0.724	0.558	0.587	0.711	0.574	0.928	0.705	0.551	0.53	0.571
WT09 1930	0.986	0.289	0.517	0.875	1.007	1.241	1.31	1.135	1.747	0.766
WT09 1940	1.29	1.36	1.037	2.711	1.109	1.007	1.196	0.221	0.822	1.396
WT09 1950	1.186	0.892	1.167	1.24	1.135	0.947	1.503	0.983	1.015	1.383
WT09 1960	1.347	1.382	1.786	0.798	1.26	1.224	1.1	1.499	1.376	1.664
WT09 1970	1.14	0.759	0.0	0.813	0.651	0.35	0.413	0.737	0.432	1.689
WT09 1980	1.509	1.14	1.363	0.456	0.568	0.996	0.317	0.571	0.493	1.098
WT09 1990	0.908	0.94	0.813	0.638	0.733	0.892	1.447	1.493	1.015	0.285
WT09 2000	0.364	0.741	0.551	1.099	0.798	0.827	2.07	1.459	2.197	0.663
WT09 2010	0.723	-9999								
WT10 1808	1.973	1.129								
WT10 1810	0.824	0.334	1.122	0.862	0.325	0.265	1.275	0.98	0.653	1.27
WT10 1820	1.539	1.357	1.734	1.891	2.165	1.472	1.106	0.685	0.751	1.514
WT10 1830	1.336	1.054	0.0	0.216	0.477	0.689	1.082	0.285	0.34	0.363
WT10 1840	0.568	0.808	0.713	1.387	1.651	0.359	0.534	0.513	0.578	0.48
WT10 1850	0.971	1.287	1.743	0.99	0.815	1.031	1.907	1.439	0.724	0.701
WT10 1860	1.065	0.591	0.954	1.252	0.897	0.362	0.808	0.127	0.954	1.175
WT10 1870	0.561	0.729	1.247	1.373	1.638	1.037	2.055	1.56	1.203	1.442
WT10 1880	1.876	1.486	1.548	1.524	1.37	1.512	1.035	1.155	1.075	0.697
WT10 1890	0.265	0.513	0.377	1.561	1.301	1.476	1.716	1.488	0.557	1.206
WT10 1900	0.533	0.712	0.695	0.298	0.755	0.279	0.24	0.787	0.769	1.558
WT10 1910	0.879	1.283	1.652	0.79	1.161	1.033	0.257	0.944	1.317	1.049
WT10 1920	0.909	0.681	0.412	0.989	0.543	0.813	0.623	0.754	0.289	0.346
WT10 1930	0.623	0.368	0.759	1.135	1.383	1.445	1.507	1.456	1.746	0.59
WT10 1940	1.28	0.882	0.711	1.195	0.851	0.873	1.225	0.917	0.958	1.04
WT10 1950	1.259	1.105	1.287	1.033	0.917	0.981	1.326	1.11	1.317	1.201

WT10 1960	0.716	0.72	0.951	0.624	0.857	0.968	0.699	1.344	0.924	1.191
WT10 1970	1.528	0.595	0.489	0.785	2.584	0.985	1.113	1.197	1.569	2.723
WT10 1980	1.32	1.191	1.689	0.718	0.391	0.664	0.189	0.441	0.366	1.148
WT10 1990	2.199	1.499	0.766	0.408	0.579	0.758	1.285	1.736	1.106	0.257
WT10 2000	0.0	0.895	0.562	1.118	0.599	0.487	1.007	0.332	1.822	0.358
WT10 2010	0.586	-9999								
WT11 1910	0.425	1.367	0.731	1.041	1.135	1.747	0.864	1.041	1.635	1.252
WT11 1920	1.337	1.86	0.832	1.547	0.928	0.944	0.607	0.355	0.714	1.072
WT11 1930	0.776	0.448	0.44	0.584	0.418	1.214	1.197	0.827	0.969	0.778
WT11 1940	1.086	0.219	0.77	0.493	0.822	0.513	0.252	0.431	0.531	1.086
WT11 1950	1.317	1.331	1.718	1.513	1.229	1.115	1.769	1.884	1.779	0.978
WT11 1960	0.446	0.508	0.85	0.815	1.113	0.942	0.675	0.945	0.808	1.57
WT11 1970	1.297	0.406	0.166	0.358	1.428	0.999	1.47	1.699	1.359	2.014
WT11 1980	1.89	0.987	1.155	0.746	0.554	0.485	0.346	0.507	0.544	1.114
WT11 1990	1.065	0.953	0.732	0.574	1.06	1.008	1.243	0.907	0.478	0.49
WT11 2000	0.351	1.277	0.936	1.85	0.938	0.733	0.714	1.055	1.821	0.509
WT11 2010	0.712	-9999								
WT12 1843	1.841	0.114	0.271	0.686	0.663	0.8	0.98			
WT12 1850	1.949	1.974	1.403	0.945	0.854	1.448	2.093	0.922	0.322	0.565
WT12 1860	0.901	0.374	1.164	1.269	1.072	0.229	0.795	0.161	0.74	1.124
WT12 1870	0.478	0.791	1.657	1.482	1.366	0.793	1.806	1.449	0.727	0.867
WT12 1880	1.884	1.223	1.47	1.055	0.84	0.846	0.726	0.76	1.046	0.862
WT12 1890	0.439	0.534	0.218	0.912	1.192	1.798	2.536	2.447	0.979	1.47
WT12 1900	0.389	0.531	0.638	0.583	0.881	0.48	0.312	0.85	0.698	0.918
WT12 1910	0.694	0.888	1.207	0.836	1.127	1.234	0.304	1.088	1.305	1.19
WT12 1920	0.94	0.778	0.613	0.81	0.776	0.994	0.822	0.589	0.432	0.472
WT12 1930	0.942	0.0	0.176	0.506	1.028	1.448	1.594	1.319	1.502	1.891
WT12 1940	1.185	1.124	1.23	1.67	2.181	0.902	0.459	0.805	0.711	1.274
WT12 1950	1.108	0.925	1.213	1.103	1.067	0.777	1.338	1.303	1.539	0.49
WT12 1960	0.418	0.546	0.603	0.952	1.213	1.384	0.815	0.875	0.674	1.771
WT12 1970	1.896	0.802	0.0	0.427	0.745	1.149	0.701	1.358	2.135	1.978
WT12 1980	2.875	1.762	1.093	1.113	0.318	0.324	0.426	0.194	0.52	0.533
WT12 1990	1.014	1.735	1.425	0.958	0.754	0.658	0.864	1.752	1.219	0.989
WT12 2000	0.0	0.404	0.534	0.516	1.158	0.95	0.633	1.184	1.244	0.419
WT12 2010	0.886	-9999								
WT13 1840	0.971	0.806	0.756	1.255	1.681	0.317	0.563	0.718	0.894	0.935
WT13 1850	1.64	1.833	1.276	1.14	1.027	1.285	1.823	1.147	0.518	0.602
WT13 1860	1.178	0.555	0.914	1.356	0.802	0.074	0.679	0.125	1.076	0.946
WT13 1870	0.45	0.61	1.193	1.226	1.238	0.774	1.381	1.02	0.897	0.99
WT13 1880	1.351	0.999	0.803	1.028	1.1	1.284	1.111	1.276	1.386	0.953
WT13 1890	0.504	0.596	0.465	1.116	1.451	1.712	1.975	1.736	0.823	1.538
WT13 1900	0.451	0.83	0.909	0.913	1.395	0.71	0.366	0.988	1.013	1.351
WT13 1910	1.142	1.307	1.533	1.222	1.39	1.357	0.346	0.921	1.09	1.033
WT13 1920	0.643	0.646	0.585	0.712	0.587	0.839	0.693	0.461	0.293	0.564

WT13 1930	0.75	0.332	0.786	0.927	0.963	0.917	0.953	0.826	1.482	0.956
WT13 1940	1.326	1.22	0.94	1.499	1.511	0.598	1.017	0.344	0.705	1.101
WT13 1950	1.383	1.267	1.227	1.434	1.245	1.057	1.399	1.232	1.026	1.564
WT13 1960	1.284	1.079	1.726	1.308	1.771	1.23	0.66	1.313	0.735	0.989
WT13 1970	1.187	0.59	0.181	0.571	1.11	0.286	0.712	1.035	0.455	1.401
WT13 1980	1.16	0.844	0.947	0.837	0.651	1.022	0.54	1.015	0.823	0.905
WT13 1990	1.316	0.943	0.564	0.645	0.934	1.07	1.39	1.529	1.43	0.452
WT13 2000	0.401	0.885	1.05	1.378	0.976	0.762	1.229	0.931	1.759	0.524
WT13 2010	0.553	-9999								
WT14 1860	0.793	0.708	1.35	0.548	1.229	1.173	1.36	0.533	1.162	0.769
WT14 1870	0.168	0.467	1.241	0.875	1.017	0.616	1.187	0.995	0.957	1.211
WT14 1880	1.698	1.277	1.381	1.923	1.194	1.025	0.701	0.921	1.027	0.622
WT14 1890	0.287	0.308	0.285	1.026	0.827	1.129	2.039	2.363	1.171	1.628
WT14 1900	0.718	0.872	0.919	0.747	0.883	0.621	0.29	0.853	0.949	1.367
WT14 1910	1.125	1.182	1.895	1.088	1.984	2.153	0.343	0.72	1.484	1.046
WT14 1920	0.854	0.682	0.665	0.809	0.465	1.246	0.869	0.766	0.459	0.493
WT14 1930	0.878	0.384	0.951	1.496	1.293	0.997	1.121	1.154	2.25	0.821
WT14 1940	0.546	0.394	0.259	0.276	0.952	0.708	0.643	0.0	0.914	0.874
WT14 1950	1.53	0.933	0.838	1.091	1.074	1.083	1.549	1.375	1.107	1.017
WT14 1960	1.002	0.681	1.041	1.322	1.101	1.506	0.437	0.905	0.829	1.216
WT14 1970	1.304	0.388	0.505	0.28	0.967	0.391	0.483	0.594	1.082	1.469
WT14 1980	1.871	1.842	1.593	1.866	0.867	1.106	0.738	0.833	0.65	0.896
WT14 1990	1.465	1.703	1.261	1.178	1.211	1.129	1.629	1.717	1.207	0.573
WT14 2000	0.606	0.952	0.748	0.998	0.714	0.684	0.854	0.698	1.172	0.385
WT14 2010	0.425	-9999								
WT15 1801	1.86	1.664	1.485	1.689	1.805	0.81	0.655	0.208	0.725	
WT15 1810	1.066	1.124	0.491	0.348	0.155	0.857	0.782	0.214	0.235	0.785
WT15 1820	1.065	0.527	1.991	1.996	1.423	1.366	1.88	1.592	1.244	1.279
WT15 1830	0.591	0.554	1.014	1.002	0.725	0.228	0.347	0.392	0.429	0.159
WT15 1840	0.125	0.5	0.281	0.502	1.119	0.171	0.402	0.343	0.946	0.95
WT15 1850	1.708	1.733	1.279	0.618	0.687	1.129	1.092	1.065	0.474	0.375
WT15 1860	1.761	1.092	1.381	2.704	1.876	0.735	1.549	0.415	1.602	1.671
WT15 1870	0.552	1.341	2.719	2.206	2.415	0.886	2.071	1.203	0.698	0.843
WT15 1880	1.238	0.921	1.182	0.923	0.177	0.454	0.491	1.155	0.749	0.52
WT15 1890	0.0	0.188	0.361	0.795	1.149	1.962	2.645	2.944	1.017	2.673
WT15 1900	0.0	0.67	1.073	0.584	0.421	0.165	0.0	0.959	0.701	1.162
WT15 1910	0.277	0.663	1.36	0.587	1.316	1.275	0.0	0.776	1.166	1.016
WT15 1920	0.903	1.003	0.698	0.831	0.532	1.192	0.607	0.969	0.463	0.606
WT15 1930	1.135	0.626	1.017	2.107	1.696	1.386	1.981	1.161	1.717	0.369
WT15 1940	0.892	0.651	0.344	1.22	0.562	0.334	0.386	0.423	0.324	0.508
WT15 1950	0.981	1.234	1.692	1.536	1.229	1.55	1.753	1.953	1.356	1.273
WT15 1960	0.971	0.526	0.925	0.823	1.037	1.105	0.646	0.907	0.571	1.068
WT15 1970	1.349	0.508	0.283	0.306	0.824	0.471	1.059	1.06	1.391	1.913
WT15 1980	2.154	1.413	2.204	1.759	0.914	1.148	0.79	0.881	0.69	1.503

WT18 1778	0.748	1.817								
WT18 1780	1.591	1.152	1.115	0.554	0.876	1.288	1.694	0.785	0.766	0.71
WT18 1790	1.052	1.107	1.032	1.41	1.373	1.685	0.989	1.009	1.371	1.2
WT18 1800	0.935	1.55	1.654	1.494	1.359	0.995	1.436	1.444	1.521	1.137
WT18 1810	0.976	1.244	0.757	1.314	1.112	0.951	1.078	0.79	0.897	1.005
WT18 1820	0.546	0.316	1.141	1.208	1.381	1.79	1.347	1.501	0.688	0.755
WT18 1830	0.454	0.347	0.869	0.479	0.371	0.788	0.307	0.44	0.287	0.309
WT18 1840	0.332	0.643	0.622	1.381	1.562	0.246	0.56	0.516	0.494	0.562
WT18 1850	1.081	0.744	0.881	0.792	0.906	0.953	1.726	1.432	1.115	1.39
WT18 1860	1.392	0.959	1.555	1.351	1.009	0.826	0.873	0.138	1.174	1.198
WT18 1870	1.2	1.224	1.734	1.181	1.298	1.601	1.417	1.14	1.746	1.166
WT18 1880	1.634	1.168	1.263	1.452	0.891	1.151	0.917	1.083	1.061	0.685
WT18 1890	0.449	0.521	0.379	1.139	1.212	1.119	1.168	1.193	1.027	0.981
WT18 1900	1.006	1.128	1.153	0.698	1.229	0.965	0.652	0.992	1.187	1.576
WT18 1910	1.408	1.143	1.363	0.951	1.367	1.246	0.587	0.711	0.859	0.835
WT18 1920	0.762	0.345	0.32	0.395	0.494	0.668	0.545	0.396	0.248	0.397
WT18 1930	0.522	0.0	0.647	0.847	0.673	0.374	0.65	0.8	1.352	0.601
WT18 1940	0.928	1.129	0.779	1.132	1.435	0.933	1.161	0.455	0.658	1.038
WT18 1950	1.192	0.838	0.992	1.172	3.624	3.621	3.612	2.516	1.261	1.753
WT18 1960	1.06	0.907	1.324	1.015	1.253	1.597	0.525	1.29	0.925	0.901
WT18 1970	1.09	0.48	0.182	0.784	1.024	0.297	0.489	1.008	0.793	1.4
WT18 1980	1.433	1.19	1.111	1.088	1.092	1.378	0.819	1.106	0.94	0.83
WT18 1990	1.495	1.011	0.986	0.728	1.025	0.882	1.123	0.891	1.104	0.27
WT18 2000	0.362	0.666	0.791	0.948	0.768	0.494	0.559	0.53	0.878	0.63
WT18 2010	0.76	-9999								
WT19 1778	0.454	3.483								
WT19 1780	0.799	0.54	0.387	0.461	0.164	0.402	0.455	0.194	0.27	0.298
WT19 1790	0.579	0.739	0.748	0.966	1.32	0.989	0.433	0.602	1.079	1.119
WT19 1800	0.849	3.404	2.574	2.252	1.271	0.717	1.148	1.679	2.191	0.967
WT19 1810	0.536	0.541	0.997	0.65	0.82	1.391	1.003	1.485	0.783	0.859
WT19 1820	0.798	0.525	0.847	0.89	0.538	0.687	0.219	0.698	0.629	0.447
WT19 1830	0.225	0.303	0.876	3.065	0.887	0.737	0.78	0.589	1.381	1.111
WT19 1840	1.276	0.762	0.524	1.173	1.219	0.735	1.516	0.823	0.784	0.497
WT19 1850	1.049	1.009	0.943	0.77	0.642	0.984	2.103	1.493	0.695	0.753
WT19 1860	1.284	0.715	1.245	1.338	1.093	0.535	0.967	0.331	1.077	1.248
WT19 1870	0.748	1.146	1.69	1.511	1.684	1.126	1.773	1.668	1.34	1.344
WT19 1880	1.8	1.517	1.613	1.675	1.319	1.404	1.11	1.267	1.169	1.033
WT19 1890	0.493	0.585	0.486	1.324	1.576	1.582	1.823	1.688	0.934	1.383
WT19 1900	0.404	0.816	0.857	0.631	0.979	0.786	0.223	0.698	0.866	1.367
WT19 1910	1.158	0.514	1.025	0.81	1.233	0.805	0.845	1.349	1.345	1.047
WT19 1920	0.71	0.998	0.87	0.784	0.164	0.819	0.938	0.73	0.202	0.402
WT19 1930	0.28	0.756	0.475	1.457	0.979	0.857	1.045	1.116	2.334	0.723
WT19 1940	1.058	0.789	0.709	1.668	1.694	1.536	0.799	0.0	0.466	0.712
WT19 1950	0.918	0.561	0.87	1.59	1.543	1.43	2.601	1.408	1.298	1.75

WT19 1960	1.507	0.91	1.58	0.863	1.142	1.353	0.0	0.526	1.013	1.035
WT19 1970	1.327	1.137	0.0	0.588	0.408	0.491	0.572	0.68	0.759	1.28
WT19 1980	1.131	1.202	1.11	0.992	0.717	0.473	0.261	0.284	0.332	0.506
WT19 1990	0.626	0.595	0.541	0.414	0.554	0.644	0.827	1.076	1.112	0.826
WT19 2000	0.568	0.922	1.203	1.434	1.399	1.169	2.016	1.508	1.768	1.481
WT19 2010	1.261	-9999								
WT20 1778	0.765	1.669								
WT20 1780	1.478	1.106	1.075	0.6	0.874	1.223	1.569	0.798	0.782	0.734
WT20 1790	1.026	1.074	1.011	1.335	1.305	1.573	0.978	0.997	1.309	1.163
WT20 1800	0.936	1.466	1.557	1.419	1.303	0.989	1.368	1.374	1.44	1.109
WT20 1810	0.779	0.615	0.974	0.887	0.668	0.672	1.198	0.98	0.803	1.185
WT20 1820	1.278	1.191	1.459	1.377	1.564	1.249	0.912	0.876	0.786	1.187
WT20 1830	0.934	0.892	0.622	0.965	0.767	0.828	0.632	0.576	0.6	0.61
WT20 1840	0.693	0.803	0.798	0.969	1.127	0.614	0.646	0.635	0.716	0.62
WT20 1850	1.116	1.084	1.031	0.901	0.804	1.038	1.806	1.375	0.823	0.859
WT20 1860	1.212	0.827	1.177	1.235	1.07	0.699	0.981	0.563	1.048	1.156
WT20 1870	0.829	1.084	1.431	1.312	1.419	1.059	1.466	1.395	1.184	1.182
WT20 1880	1.464	1.282	1.338	1.372	1.147	1.194	1.01	1.101	1.037	0.949
WT20 1890	0.62	0.671	0.607	1.09	1.223	1.212	1.333	1.239	0.81	1.045
WT20 1900	0.391	0.934	0.785	0.756	1.152	1.123	0.274	1.43	0.761	1.097
WT20 1910	0.274	0.458	0.702	0.641	0.854	0.457	0.518	1.005	0.7	1.003
WT20 1920	0.819	0.697	1.149	0.664	0.783	0.481	0.659	0.628	0.864	0.564
WT20 1930	0.326	0.738	0.529	0.937	1.021	0.465	0.781	0.864	1.433	0.485
WT20 1940	0.909	0.961	0.59	1.174	1.307	0.747	0.908	0.0	0.979	1.19
WT20 1950	1.21	0.588	1.036	1.083	1.286	1.148	1.504	1.443	1.383	1.298
WT20 1960	1.163	1.031	1.374	1.291	1.356	1.47	0.487	1.186	0.841	1.075
WT20 1970	1.306	0.684	0.539	0.652	0.926	0.529	0.571	0.954	0.88	1.3
WT20 1980	1.493	1.395	1.32	1.246	1.021	1.318	1.159	1.131	0.806	0.991
WT20 1990	1.593	1.292	0.87	0.803	0.962	1.079	1.356	1.891	1.621	0.855
WT20 2000	0.633	0.905	1.037	1.148	0.851	0.674	1.129	0.666	1.022	0.772
WT20 2010	0.806	-9999								
WT21 1778	0.478	1.994								
WT21 1780	1.358	0.96	0.721	0.428	1.071	1.153	1.583	0.671	0.484	0.565
WT21 1790	1.534	0.996	0.781	1.805	0.916	1.752	0.971	1.51	1.267	1.132
WT21 1800	0.593	1.32	1.857	1.614	1.613	1.155	1.772	1.529	1.259	0.696
WT21 1810	0.855	0.56	0.293	1.224	0.398	0.451	1.296	1.188	1.502	2.024
WT21 1820	1.783	1.49	1.043	0.806	0.337	0.569	0.953	0.59	0.0	0.408
WT21 1830	0.863	0.379	0.0	0.652	0.274	0.397	0.0	0.0	0.0	0.682
WT21 1840	0.484	1.132	1.365	0.286	0.687	0.0	0.702	0.535	0.486	0.0
WT21 1850	1.006	0.999	0.88	0.92	1.226	1.13	2.356	1.116	0.957	1.037
WT21 1860	1.31	0.683	1.718	1.581	1.048	0.646	1.015	0.247	1.105	0.977
WT21 1870	0.425	0.905	1.201	1.274	0.97	0.847	0.96	0.994	1.513	1.447
WT21 1880	1.652	1.625	2.341	2.482	1.283	2.18	2.208	2.833	1.634	1.554
WT21 1890	0.664	0.533	0.403	1.369	1.382	1.759	1.898	1.64	0.97	1.577

WT21 1900	0.733	1.23	0.871	0.355	0.742	0.37	0.264	0.614	0.752	1.012
WT21 1910	1.34	1.059	0.97	0.829	1.103	1.066	0.446	0.77	0.768	0.596
WT21 1920	0.543	0.423	0.253	0.354	0.202	0.486	0.267	0.466	0.266	0.365
WT21 1930	0.479	0.181	0.329	0.95	1.16	0.896	0.942	0.842	1.583	1.031
WT21 1940	0.932	0.93	0.895	1.563	1.463	1.047	1.377	0.221	0.804	1.368
WT21 1950	1.412	1.049	1.109	1.544	1.105	0.917	1.257	1.395	1.408	1.406
WT21 1960	1.096	1.172	1.818	1.308	2.03	2.659	1.628	2.073	1.611	2.317
WT21 1970	2.547	0.844	0.399	0.583	0.951	0.368	0.737	1.167	0.999	1.491
WT21 1980	1.461	0.769	0.647	0.632	0.54	0.555	0.401	0.463	0.495	0.743
WT21 1990	0.929	0.651	0.62	0.559	0.683	0.606	0.979	1.198	0.887	0.436
WT21 2000	0.452	0.827	0.796	1.281	0.75	0.86	1.424	0.799	1.348	1.129
WT21 2010	0.894	-9999								
WT22 1778	0.574	2.175								
WT22 1780	1.047	1.286	0.924	0.754	1.554	1.124	1.322	0.868	0.696	0.872
WT22 1790	1.572	1.006	0.789	2.04	1.341	2.003	1.256	1.854	1.768	1.306
WT22 1800	0.0	0.4	1.445	1.669	1.226	1.361	1.095	1.588	1.881	1.031
WT22 1810	1.033	0.0	1.192	0.878	0.226	0.384	1.22	0.928	0.521	1.315
WT22 1820	0.931	1.113	1.433	1.298	1.231	0.959	1.051	0.663	0.71	1.467
WT22 1830	0.895	1.149	0.391	1.773	1.038	1.062	0.439	0.579	0.88	0.812
WT22 1840	0.976	0.837	0.955	1.166	0.934	1.193	0.797	0.845	1.269	1.201
WT22 1850	1.156	1.205	1.373	1.209	1.402	1.333	1.86	1.816	0.0	1.632
WT22 1860	1.78	1.688	1.764	1.478	1.409	0.828	0.952	0.22	0.835	0.911
WT22 1870	0.987	0.891	1.241	1.22	1.174	0.877	1.206	1.26	0.935	1.065
WT22 1880	1.068	1.021	1.382	1.31	0.979	1.266	0.882	1.015	0.731	0.89
WT22 1890	0.0	0.606	0.317	1.088	1.171	1.335	1.5	1.156	0.836	1.406
WT22 1900	1.221	1.334	1.256	0.904	1.209	0.992	0.47	1.358	1.612	1.449
WT22 1910	1.23	1.429	1.489	0.901	1.327	1.075	0.426	0.625	0.883	0.628
WT22 1920	0.429	0.458	0.316	0.259	0.604	0.749	0.721	0.635	0.405	0.521
WT22 1930	0.347	0.0	0.145	0.521	0.579	0.463	0.463	0.405	0.781	0.0
WT22 1940	0.607	0.837	0.346	1.095	1.122	0.747	1.263	0.0	1.173	0.971
WT22 1950	1.34	0.74	0.852	0.907	0.877	1.243	1.55	1.491	1.067	1.765
WT22 1960	1.51	1.367	1.503	1.306	1.857	1.936	0.442	1.212	1.154	1.591
WT22 1970	1.533	0.601	0.234	0.691	1.493	0.596	0.649	1.214	1.158	1.854
WT22 1980	1.288	1.232	1.309	1.28	1.038	1.063	1.008	1.324	1.031	1.214
WT22 1990	1.581	1.157	0.972	0.865	1.283	1.49	1.383	1.251	1.041	0.649
WT22 2000	0.752	0.803	0.827	1.033	0.825	0.721	0.9	0.565	1.025	0.845
WT22 2010	0.741	-9999								
WT23 1778	0.856	1.037								
WT23 1780	0.883	1.067	0.992	0.77	0.643	0.73	0.852	0.639	0.644	0.733
WT23 1790	0.962	1.262	1.218	1.121	0.705	1.064	0.803	0.718	0.595	0.454
WT23 1800	0.328	1.137	0.94	1.407	1.543	1.139	1.237	0.846	1.264	0.832
WT23 1810	0.626	0.532	1.295	1.259	0.898	0.612	1.396	1.339	1.224	1.089
WT23 1820	0.935	1.181	1.292	0.815	0.964	0.81	0.656	0.579	0.576	0.499
WT23 1830	0.404	0.474	0.543	0.557	0.606	0.23	0.28	0.33	0.567	0.817

WT23 1840	0.977	1.117	0.792	0.946	1.0	0.51	0.725	0.717	0.631	0.548
WT23 1850	0.737	1.01	0.808	0.842	0.961	0.893	1.276	1.109	1.111	0.977
WT23 1860	1.423	1.422	1.158	0.964	0.943	0.87	0.774	0.629	1.148	1.536
WT23 1870	1.193	1.233	1.25	1.206	1.223	1.205	1.259	1.337	1.756	1.081
WT23 1880	1.019	1.075	1.26	1.456	1.397	1.059	1.024	1.106	1.329	1.074
WT23 1890	0.608	0.868	1.387	1.782	1.86	1.678	1.423	1.202	1.33	1.217
WT23 1900	1.176	1.197	0.908	1.153	1.137	1.084	0.721	0.688	0.84	0.848
WT23 1910	0.803	0.69	0.766	0.914	0.826	0.907	0.602	0.537	0.691	0.968
WT23 1920	0.845	0.642	0.527	0.503	0.78	0.824	0.442	-9999		
WT24 1859	1.304									
WT24 1860	0.687	0.989	1.465	1.063	0.361	0.357	1.065	0.425	1.608	0.867
WT24 1870	0.486	1.204	1.525	1.205	1.261	0.72	1.267	1.056	0.853	1.302
WT24 1880	2.071	1.412	1.603	1.673	0.656	0.988	0.498	0.99	0.91	0.612
WT24 1890	0.239	0.456	0.239	1.515	1.162	1.013	1.167	1.618	0.779	1.753
WT24 1900	0.287	0.797	0.822	0.381	0.898	0.393	0.095	1.203	1.187	1.285
WT24 1910	0.613	1.355	1.95	0.704	1.47	1.322	0.23	0.922	1.796	0.872
WT24 1920	0.557	0.282	0.418	0.725	0.39	1.038	0.614	0.852	0.323	0.271
WT24 1930	1.046	0.469	0.898	1.847	1.519	0.97	1.216	0.95	2.444	0.434
WT24 1940	1.288	1.274	1.29	0.401	1.528	2.313	1.282	0.628	0.495	0.589
WT24 1950	0.653	0.496	0.574	0.664	0.927	1.601	2.002	2.306	1.14	1.552
WT24 1960	1.74	0.776	0.954	0.822	0.679	0.817	0.28	0.571	0.658	0.58
WT24 1970	0.755	0.69	0.55	0.723	1.38	0.781	1.04	1.656	1.9	1.961
WT24 1980	1.837	1.172	0.877	0.729	0.508	0.583	0.596	0.76	0.911	2.39
WT24 1990	2.258	1.472	1.06	0.759	0.52	0.788	0.815	0.74	0.549	0.345
WT24 2000	0.268	0.484	0.381	0.709	0.719	0.855	1.489	0.909	1.325	0.801
WT24 2010	0.956	-9999								
WT25 1778	0.355	1.797								
WT25 1780	1.469	1.144	0.759	0.315	0.782	1.306	1.36	0.645	0.397	0.212
WT25 1790	0.964	0.897	0.861	1.68	1.024	1.22	0.403	0.972	0.823	0.985
WT25 1800	0.195	1.08	1.18	0.817	1.107	1.151	1.353	1.052	0.991	0.75
WT25 1810	0.333	0.0	0.781	0.674	0.0	0.172	1.142	0.747	0.43	1.326
WT25 1820	1.15	1.163	1.522	1.074	1.133	0.809	0.624	0.398	0.614	1.021
WT25 1830	1.164	1.026	0.658	1.305	1.504	0.85	0.0	0.306	0.486	0.624
WT25 1840	1.079	1.349	1.852	2.074	2.644	1.526	0.787	0.611	0.474	0.509
WT25 1850	0.844	0.783	1.168	1.421	1.487	1.699	2.509	1.828	1.226	1.167
WT25 1860	1.305	1.282	1.491	1.768	1.163	0.615	0.753	0.192	0.749	0.921
WT25 1870	0.884	0.848	1.364	1.034	1.566	1.564	1.51	1.474	1.627	1.232
WT25 1880	1.403	1.214	1.265	1.59	2.034	1.727	1.369	1.369	1.696	1.252
WT25 1890	0.687	0.155	0.723	1.241	1.882	1.626	1.577	1.702	1.184	1.012
WT25 1900	0.91	0.912	1.09	0.97	0.885	0.923	0.979	0.875	0.842	1.133
WT25 1910	0.866	0.888	0.909	1.15	1.228	1.159	0.0	0.594	0.429	0.917
WT25 1920	1.334	1.038	0.152	0.552	0.363	1.249	0.984	0.911	0.76	0.744
WT25 1930	0.846	0.771	1.012	1.077	1.202	0.926	1.497	0.915	1.369	0.76
WT25 1940	0.743	0.705	0.729	0.837	0.82	0.592	0.85	0.619	0.408	0.582

WT25 1950	0.628	0.609	0.918	0.769	0.728	0.887	1.047	0.783	0.45	0.655
WT25 1960	0.771	0.684	0.664	0.598	0.508	0.557	0.583	0.609	0.987	1.063
WT25 1970	0.996	0.977	0.909	1.129	1.183	1.018	0.901	1.419	1.941	2.172
WT25 1980	2.008	1.469	1.251	1.106	0.984	1.217	1.146	1.229	1.106	0.956
WT25 1990	1.22	0.861	0.891	0.0	0.979	1.25	1.416	1.343	1.052	0.787
WT25 2000	0.899	1.151	0.936	0.969	0.974	0.951	1.124	0.819	0.937	1.028
WT25 2010	0.89	-9999								
WT26 1786	2.563	0.326	0.299	0.384						
WT26 1790	0.938	0.423	0.132	0.888	1.336	1.653	0.181	0.239	1.561	1.517
WT26 1800	1.763	1.034	2.327	2.403	1.494	1.47	0.403	1.62	1.577	1.614
WT26 1810	0.37	0.181	0.585	0.344	0.102	0.265	0.963	0.36	0.258	0.714
WT26 1820	1.079	1.217	1.857	1.444	2.791	1.967	0.759	0.782	0.593	1.349
WT26 1830	1.266	1.225	0.352	1.581	0.599	1.487	1.231	0.985	0.417	0.192
WT26 1840	0.47	0.788	0.51	0.943	1.374	0.105	0.304	0.282	0.405	0.454
WT26 1850	1.15	1.143	0.71	0.715	0.65	0.834	1.685	1.262	0.582	0.664
WT26 1860	0.783	0.351	0.95	1.054	1.444	0.496	0.839	0.208	0.899	1.116
WT26 1870	0.656	0.872	1.436	1.263	1.014	0.63	1.263	1.404	0.854	1.755
WT26 1880	2.458	2.209	2.166	1.904	1.974	1.714	1.197	1.501	1.447	1.22
WT26 1890	0.696	0.901	0.519	0.709	0.58	0.755	0.879	1.206	0.986	1.023
WT26 1900	0.61	0.474	0.69	0.736	0.734	0.504	0.4	0.567	0.931	1.409
WT26 1910	1.017	1.561	1.689	1.559	1.58	1.636	0.648	0.876	1.322	1.294
WT26 1920	1.097	0.795	0.534	0.757	0.731	1.185	1.005	0.752	0.518	0.928
WT26 1930	0.928	0.485	0.565	0.721	1.0	0.832	0.706	0.824	1.04	0.798
WT26 1940	0.921	0.883	0.546	0.452	0.423	0.632	0.569	0.184	0.275	0.566
WT26 1950	1.033	0.843	0.849	1.091	1.244	1.325	1.703	1.191	1.272	1.504
WT26 1960	2.38	0.0	2.517	3.065	2.54	2.261	0.0	2.241	0.0	1.453
WT26 1970	0.985	0.593	0.105	0.496	0.616	0.127	0.259	1.036	0.438	1.293
WT26 1980	1.093	0.734	0.811	0.809	0.609	0.646	0.643	0.64	0.675	0.94
WT26 1990	1.163	0.966	0.677	0.933	1.278	1.158	1.422	1.194	1.309	0.16
WT26 2000	0.617	0.926	1.039	0.978	0.918	1.145	1.152	1.009	1.54	0.731
WT26 2010	1.158	-9999								
WT27 1778	0.77	1.817								
WT27 1780	1.595	1.166	1.13	0.58	0.896	1.301	1.701	0.809	0.791	0.735
WT27 1790	1.073	1.128	1.055	1.43	1.395	1.704	1.017	1.038	1.397	1.229
WT27 1800	0.966	1.578	1.682	1.523	1.387	1.025	1.462	1.468	1.543	1.162
WT27 1810	0.781	0.592	1.005	0.904	0.653	0.657	1.258	1.008	0.805	1.241
WT27 1820	1.347	1.246	1.55	1.456	1.668	1.308	0.923	0.882	0.779	1.234
WT27 1830	0.946	0.898	0.592	0.979	0.754	0.822	0.601	0.537	0.564	0.574
WT27 1840	0.668	0.791	0.785	0.977	1.153	0.577	0.613	0.6	0.691	0.583
WT27 1850	1.138	1.102	1.042	0.896	0.789	1.05	1.908	1.426	0.809	0.849
WT27 1860	1.244	0.813	1.205	1.27	1.085	0.671	0.987	0.519	1.062	1.184
WT27 1870	0.818	1.104	1.494	1.362	1.482	1.079	1.538	1.459	1.223	1.223
WT27 1880	1.541	1.338	1.402	1.441	1.188	1.243	1.034	1.138	1.065	0.967
WT27 1890	0.596	0.655	0.584	1.135	1.294	0.733	1.1	0.762	1.074	0.792

WT27 1900	0.481	1.33	1.075	0.934	1.217	0.991	0.453	1.104	0.396	0.82
WT27 1910	0.876	0.48	0.649	0.254	0.677	0.563	0.759	0.169	0.393	0.784
WT27 1920	0.364	0.698	0.641	0.306	0.611	0.749	0.443	0.221	0.055	0.33
WT27 1930	0.548	0.656	0.491	0.734	0.515	0.622	0.674	0.592	1.072	0.267
WT27 1940	0.826	0.611	0.371	0.898	1.0	1.05	1.23	0.73	0.806	1.115
WT27 1950	1.602	1.211	1.079	1.204	1.175	1.833	1.32	1.721	1.893	1.385
WT27 1960	1.833	1.603	1.849	1.346	1.939	2.009	1.04	1.729	1.504	1.525
WT27 1970	1.964	1.103	0.856	1.001	1.317	0.876	1.118	1.359	1.6	1.864
WT27 1980	1.572	1.232	1.254	1.615	1.372	1.01	0.937	1.201	0.912	1.606
WT27 1990	1.677	1.149	0.909	1.005	0.956	0.789	1.194	1.241	0.931	0.358
WT27 2000	0.358	0.834	0.548	0.596	0.405	0.405	0.428	0.428	0.809	0.476
WT27 2010	0.475	-9999								
WT28 1778	0.524	1.728								
WT28 1780	1.634	1.26	1.092	0.546	1.139	1.954	1.364	0.903	0.945	0.92
WT28 1790	1.484	1.058	0.725	1.478	0.851	0.325	0.187	0.298	0.573	0.648
WT28 1800	0.605	1.251	1.176	1.433	1.358	0.694	1.448	1.451	1.681	1.037
WT28 1810	0.527	0.176	0.864	0.721	0.169	0.24	1.1	0.773	0.588	1.141
WT28 1820	1.582	1.315	1.803	1.52	2.782	2.311	1.301	0.859	0.637	1.758
WT28 1830	1.432	1.082	0.174	0.543	0.312	0.489	0.323	0.164	0.193	0.313
WT28 1840	0.49	0.753	0.71	1.191	1.516	0.541	0.447	0.467	0.458	0.418
WT28 1850	0.574	0.808	0.709	0.576	0.753	1.172	2.395	2.125	1.606	1.438
WT28 1860	1.482	0.862	0.868	1.109	0.828	0.272	0.667	0.224	0.796	0.887
WT28 1870	0.507	0.756	1.272	1.686	1.945	1.255	1.676	1.178	1.148	1.429
WT28 1880	2.266	1.612	1.809	2.12	1.473	1.919	1.11	1.175	1.726	0.898
WT28 1890	0.0	0.198	0.179	0.783	0.93	1.75	2.131	1.794	0.602	1.482
WT28 1900	0.357	0.613	0.807	0.491	0.815	0.496	0.0	0.847	0.849	1.244
WT28 1910	0.613	1.008	1.624	1.12	1.823	1.976	0.548	1.051	1.334	0.654
WT28 1920	0.478	0.563	0.625	0.386	0.299	0.593	0.526	0.397	0.147	0.205
WT28 1930	0.488	0.149	0.311	0.67	0.916	0.693	0.818	0.865	1.727	0.587
WT28 1940	0.833	1.145	0.512	1.151	1.137	1.072	1.311	0.432	1.165	1.087
WT28 1950	1.251	1.268	1.584	1.598	1.444	1.536	1.973	1.358	1.435	1.276
WT28 1960	1.178	1.111	1.146	0.995	1.045	1.585	0.711	1.011	0.785	1.383
WT28 1970	1.402	0.352	0.229	0.228	0.721	0.292	0.569	0.856	0.944	1.894
WT28 1980	1.823	1.103	1.474	1.767	1.235	1.052	0.909	0.703	0.752	1.12
WT28 1990	1.538	1.549	1.141	1.013	0.835	0.999	1.125	1.263	1.288	0.353
WT28 2000	0.416	0.832	0.555	0.743	1.008	0.819	1.334	0.743	1.069	0.591
WT28 2010	0.893	-9999								
WT29 1778	0.914	1.582								
WT29 1780	1.454	0.988	0.8	0.144	0.307	1.005	1.396	0.697	0.547	0.711
WT29 1790	0.978	0.836	0.877	1.117	0.879	1.462	0.668	1.301	1.617	0.981
WT29 1800	0.838	1.717	1.516	1.569	1.597	0.851	1.691	2.132	1.771	0.873
WT29 1810	0.403	0.225	0.848	0.671	0.19	0.303	1.016	0.66	0.35	1.001
WT29 1820	1.558	1.314	1.981	1.244	1.754	1.217	0.655	0.483	0.449	0.988
WT29 1830	0.646	0.481	0.108	1.145	0.385	1.036	1.072	0.438	0.363	0.077

WT29 1840	0.386	0.696	0.694	1.551	1.829	0.429	0.614	0.427	0.383	0.473
WT29 1850	1.149	0.921	1.038	0.872	0.63	1.056	2.372	1.225	0.618	0.813
WT29 1860	1.105	0.441	1.333	1.595	0.802	0.413	0.692	0.0	1.257	0.902
WT29 1870	0.302	0.908	1.681	1.198	1.609	0.777	1.578	1.644	1.01	1.634
WT29 1880	2.676	1.915	2.402	2.599	1.031	1.204	0.721	1.576	1.497	0.58
WT29 1890	0.108	0.412	0.348	1.355	1.032	1.278	1.616	1.956	0.625	1.614
WT29 1900	0.0	0.994	1.043	0.705	1.209	0.504	0.298	1.127	1.314	1.802
WT29 1910	0.833	0.858	1.137	0.696	1.277	1.115	0.0	1.02	1.436	0.855
WT29 1920	0.692	0.713	0.665	0.823	0.478	0.906	0.654	0.404	0.0	0.244
WT29 1930	0.33	0.633	0.629	1.011	0.875	0.571	0.713	0.791	1.794	0.286
WT29 1940	0.75	0.964	0.418	2.231	2.31	1.048	1.521	0.0	0.929	1.11
WT29 1950	1.624	0.964	1.179	1.262	0.927	1.302	1.942	1.985	1.442	1.701
WT29 1960	1.623	0.844	0.788	1.065	0.992	1.527	0.45	0.674	0.758	1.032
WT29 1970	1.168	0.48	0.394	0.428	0.735	0.307	0.768	1.108	0.971	1.738
WT29 1980	2.13	1.091	1.672	1.741	0.752	0.873	0.737	0.669	0.499	1.43
WT29 1990	1.502	1.298	1.284	0.696	0.698	1.417	1.633	1.391	0.936	0.638
WT29 2000	0.391	0.696	0.86	0.791	0.523	0.616	1.109	0.657	1.226	0.643
WT29 2010	0.645	-9999								
WT30 1807	1.434	1.494	0.318							
WT30 1810	0.309	0.201	0.657	0.569	0.694	0.988	1.273	1.023	0.887	1.531
WT30 1820	1.471	1.017	1.243	1.977	1.478	1.132	0.993	0.725	0.595	1.195
WT30 1830	1.003	0.859	0.355	1.18	1.201	1.378	0.102	0.41	0.65	0.795
WT30 1840	1.057	1.121	1.282	1.769	1.961	0.667	1.144	1.254	0.887	1.224
WT30 1850	1.479	1.316	1.201	1.165	0.94	1.211	1.789	1.11	0.841	0.84
WT30 1860	1.038	0.608	1.149	1.065	0.885	0.438	0.692	0.422	1.048	1.189
WT30 1870	0.741	0.957	0.559	0.213	0.714	0.572	0.734	0.934	0.843	0.822
WT30 1880	1.008	1.251	1.132	1.315	0.806	1.138	1.052	1.097	1.143	0.979
WT30 1890	0.435	0.487	0.392	1.284	1.822	1.816	2.518	2.111	0.843	1.38
WT30 1900	0.502	0.866	0.863	0.828	1.129	0.69	0.343	0.748	0.767	1.764
WT30 1910	0.954	1.102	1.522	0.674	1.408	1.325	0.377	0.798	1.61	1.225
WT30 1920	0.706	0.827	0.667	0.543	0.378	0.459	0.542	0.772	0.348	0.323
WT30 1930	0.542	0.354	0.493	0.895	1.273	1.196	1.202	1.418	2.569	1.177
WT30 1940	1.868	2.323	1.514	2.64	1.43	0.631	0.768	0.0	0.643	0.888
WT30 1950	1.242	0.777	0.92	1.218	1.287	0.78	1.505	1.182	1.03	1.082
WT30 1960	0.352	0.273	0.451	0.404	0.616	0.553	0.424	0.702	0.572	1.128
WT30 1970	1.44	0.688	0.393	0.737	1.375	1.325	0.948	1.846	1.175	2.038
WT30 1980	1.336	1.123	1.187	1.478	0.925	0.988	0.502	0.646	0.791	0.854
WT30 1990	1.222	1.124	1.058	0.768	0.894	1.051	1.176	1.332	1.218	0.552
WT30 2000	0.567	1.005	0.861	0.843	0.918	0.993	1.207	0.787	1.23	0.843
WT30 2010	0.733	-9999								
WT31 1852	0.88	0.837	0.929	1.541	1.977	0.817	0.548	0.661		
WT31 1860	1.0	0.44	0.874	0.997	1.134	0.646	1.179	0.787	1.518	1.289
WT31 1870	0.718	0.935	1.239	1.677	1.297	1.129	1.245	1.037	0.658	0.841
WT31 1880	1.803	0.688	0.606	0.977	1.157	0.617	0.444	0.267	0.276	0.354

WT31 1890	0.307	0.246	0.214	0.727	1.63	2.058	2.523	2.323	2.216	1.969
WT31 1900	0.874	1.077	0.924	0.432	1.035	0.765	0.331	0.817	1.016	1.074
WT31 1910	1.072	1.352	1.371	1.239	1.152	1.062	0.931	1.223	2.272	1.623
WT31 1920	0.957	0.728	0.44	0.722	0.0	0.658	0.675	0.277	0.0	0.075
WT31 1930	0.216	0.0	0.269	0.375	0.395	0.476	0.713	0.871	2.092	0.547
WT31 1940	0.72	0.858	0.808	1.392	1.837	1.018	1.54	0.346	0.999	0.988
WT31 1950	1.391	1.178	0.969	1.314	1.195	1.486	2.851	2.06	1.779	1.577
WT31 1960	1.022	1.067	1.361	1.085	1.263	1.349	0.618	0.965	0.318	0.856
WT31 1970	1.105	0.399	0.0	0.534	0.854	0.262	0.575	1.093	0.823	1.301
WT31 1980	1.164	1.143	1.337	1.296	0.926	0.981	0.705	0.932	0.743	0.675
WT31 1990	0.925	0.888	0.788	0.917	0.9	0.966	1.56	1.46	1.561	0.703
WT31 2000	0.61	0.902	1.002	1.103	0.922	0.991	0.885	1.053	1.342	1.182
WT31 2010	1.352	-9999								
WT32 1819	0.812									
WT32 1820	0.713	0.476	1.421	2.373	1.645	1.667	0.418	1.438	1.598	2.048
WT32 1830	0.365	0.341	0.178	0.191	0.56	0.897	0.7	1.419	1.191	2.533
WT32 1840	1.684	0.835	0.327	0.217	0.507	0.442	0.47	0.13	1.087	0.397
WT32 1850	1.526	0.792	0.466	0.209	0.371	0.993	2.626	2.333	0.063	0.376
WT32 1860	0.464	0.665	0.527	0.502	0.765	1.856	2.231	0.538	0.438	0.6
WT32 1870	0.5	1.036	0.886	1.035	1.621	0.374	1.747	2.862	1.852	0.803
WT32 1880	1.685	0.858	0.342	0.547	2.11	1.466	1.721	2.188	1.26	1.918
WT32 1890	0.347	0.471	0.612	0.659	0.291	1.963	2.41	1.95	0.972	1.35
WT32 1900	0.253	0.887	0.198	0.354	0.405	1.26	0.43	0.354	0.504	1.725
WT32 1910	0.846	0.602	0.961	0.646	1.061	1.24	0.277	1.131	1.083	0.719
WT32 1920	0.58	0.387	0.846	1.075	0.37	0.615	0.421	0.367	0.0	0.486
WT32 1930	1.382	0.0	2.17	2.378	3.09	1.108	2.051	2.684	1.383	0.0
WT32 1940	0.698	0.741	0.672	0.904	0.692	0.328	0.387	0.0	0.471	0.857
WT32 1950	1.087	0.0	1.051	1.271	1.215	1.118	1.163	0.874	0.825	1.403
WT32 1960	1.282	0.0	2.427	1.631	1.618	2.267	0.553	0.69	0.622	1.464
WT32 1970	1.681	0.499	0.397	0.469	0.787	0.119	1.04	1.821	1.367	1.652
WT32 1980	1.683	1.295	1.232	0.836	0.727	0.738	0.0	0.593	0.616	1.066
WT32 1990	1.491	2.307	0.84	0.686	1.313	1.526	1.314	1.208	1.553	0.629
WT32 2000	0.44	0.821	0.583	0.834	0.465	0.824	0.944	0.837	0.909	0.671
WT32 2010	0.707	-9999								
WT33 1900	0.311	0.983	1.422	1.55	1.603	2.124	0.187	1.222	0.197	0.515
WT33 1910	0.189	1.123	0.517	1.081	1.632	2.512	0.595	1.109	1.742	0.5
WT33 1920	1.295	1.477	0.589	1.492	0.214	0.733	0.495	0.584	0.923	0.702
WT33 1930	0.645	0.558	0.332	1.258	1.373	1.084	1.192	0.608	2.148	0.0
WT33 1940	0.794	1.111	0.571	1.341	2.656	1.076	0.327	0.0	0.467	0.451
WT33 1950	0.502	0.55	0.984	1.118	0.863	1.079	1.613	1.087	1.1	0.973
WT33 1960	1.041	0.64	1.829	0.872	1.288	1.324	0.687	1.347	1.09	2.533
WT33 1970	2.217	0.47	0.332	0.239	0.69	0.528	0.747	1.152	1.443	2.22
WT33 1980	1.798	0.851	0.688	0.662	0.487	0.561	0.482	0.303	0.442	1.409
WT33 1990	1.755	1.165	0.724	0.501	0.932	1.229	1.699	1.618	1.133	0.15

WT33 2000	0.0	0.763	0.596	1.192	0.977	0.922	1.629	0.628	1.149	0.493
WT33 2010	1.002	-9999								
WT34 1841	0.658	0.942	0.344	0.523	0.282	0.43	0.509	0.639	0.937	
WT34 1850	1.607	1.559	1.099	1.003	1.007	1.577	2.307	1.248	1.182	1.43
WT34 1860	1.173	0.714	1.104	1.155	1.068	0.543	0.725	0.463	1.344	0.978
WT34 1870	0.816	1.052	1.536	1.07	1.441	0.861	1.01	0.852	0.898	0.927
WT34 1880	1.761	1.276	1.623	1.539	0.754	1.153	0.905	1.121	0.843	0.755
WT34 1890	0.302	0.3	0.408	1.777	1.274	1.443	1.687	1.306	0.552	1.109
WT34 1900	0.297	0.76	0.563	0.605	1.003	0.662	0.264	0.624	1.042	2.023
WT34 1910	0.899	0.81	1.023	0.43	0.981	0.982	0.174	0.615	1.407	1.266
WT34 1920	0.824	0.803	0.495	0.483	0.471	1.049	0.616	0.642	0.261	0.339
WT34 1930	0.83	0.336	0.758	1.392	1.359	1.098	1.092	1.235	2.468	1.024
WT34 1940	1.657	1.454	0.925	1.844	2.214	0.905	1.217	0.433	0.902	0.902
WT34 1950	0.95	0.795	1.001	1.401	1.259	1.553	1.729	1.723	1.644	1.454
WT34 1960	0.768	0.336	0.388	0.477	0.581	0.786	0.752	0.601	0.694	1.057
WT34 1970	1.371	0.649	0.195	0.209	0.314	0.354	0.499	0.855	1.186	1.862
WT34 1980	2.434	1.406	1.649	1.653	0.843	1.395	0.848	0.919	0.95	1.554
WT34 1990	1.588	1.183	0.718	0.735	0.822	0.994	0.984	1.13	0.78	0.498
WT34 2000	0.314	0.515	0.603	0.691	0.966	0.953	1.186	0.695	1.088	0.711
WT34 2010	0.872	-9999								
WT35 1847	0.512	0.891	1.878							
WT35 1850	0.695	0.934	1.097	0.83	0.877	1.24	1.564	1.127	0.585	0.88
WT35 1860	1.097	0.744	1.251	1.603	1.118	0.428	0.65	0.378	1.156	1.024
WT35 1870	0.688	1.079	1.036	0.705	0.948	0.684	1.306	0.976	1.261	1.286
WT35 1880	2.071	1.053	1.589	1.244	0.636	1.158	0.869	0.825	0.564	0.734
WT35 1890	0.359	0.333	0.301	1.438	1.256	1.506	1.663	2.233	0.87	1.558
WT35 1900	0.24	0.738	0.851	0.462	1.027	0.691	0.264	0.927	1.102	1.661
WT35 1910	1.026	1.662	2.028	0.573	1.161	0.828	0.615	1.797	0.793	0.461
WT35 1920	0.545	0.411	0.371	0.236	0.814	0.432	0.588	0.172	0.286	0.437
WT35 1930	0.358	1.14	1.239	1.373	1.632	1.71	3.261	0.841	1.379	1.745
WT35 1940	0.544	2.494	2.567	0.776	0.212	0.256	0.202	0.31	0.634	-9999
WT36 1794	0.954	1.018	0.538	0.435	0.714	0.704				
WT36 1800	0.743	1.708	1.514	1.332	0.872	0.535	1.473	1.644	1.873	0.902
WT36 1810	0.578	0.181	1.31	0.984	0.262	0.335	1.229	1.169	0.347	0.994
WT36 1820	1.743	1.542	1.75	2.264	2.847	1.5	1.145	0.814	0.834	1.802
WT36 1830	1.556	1.057	0.316	0.57	0.387	0.563	0.196	0.091	0.046	0.032
WT36 1840	0.122	0.287	0.195	0.438	1.342	0.236	0.221	0.443	1.047	1.121
WT36 1850	1.744	1.396	1.279	0.905	0.618	1.263	2.145	1.277	0.657	0.732
WT36 1860	1.599	0.786	1.472	1.577	1.327	0.425	0.797	0.43	1.64	1.925
WT36 1870	0.768	1.157	1.738	1.853	1.756	0.861	1.76	1.263	1.129	1.565
WT36 1880	2.49	1.742	2.222	2.209	1.524	0.253	0.237	0.296	0.313	0.24
WT36 1890	0.128	0.167	0.073	0.696	1.066	1.297	1.206	1.124	0.194	1.06
WT36 1900	0.217	0.192	0.557	0.523	0.753	0.224	0.114	0.765	0.931	1.362
WT36 1910	0.754	0.981	1.559	1.16	1.607	1.478	0.058	0.934	1.516	1.075

WT36 1920	0.865	0.569	0.553	0.744	0.478	0.941	0.862	0.781	0.381	0.616
WT36 1930	1.127	0.213	0.574	1.509	2.143	1.736	1.351	1.22	2.827	1.355
WT36 1940	1.907	1.463	0.0	0.488	1.936	0.98	0.436	0.0	0.331	0.539
WT36 1950	0.437	0.263	0.223	0.568	0.76	1.035	0.845	0.729	0.582	1.198
WT36 1960	1.048	0.0	0.259	0.51	1.052	1.053	0.642	0.844	0.729	1.659
WT36 1970	2.045	0.717	0.227	0.449	1.263	1.142	0.982	1.637	1.504	2.708
WT36 1980	2.773	1.743	1.986	1.495	1.033	1.136	1.005	0.926	1.097	1.987
WT36 1990	2.227	1.471	0.843	0.463	0.651	0.908	1.194	1.417	1.086	0.328
WT36 2000	0.371	0.665	0.488	0.955	0.764	0.599	0.992	0.449	1.095	0.501
WT36 2010	0.549	-9999								