

Table A149: Ratios of PPP (GDP) adjusted exchange rates to market exchange rates 1870-2010

	USA	UK	France	Germany	Italy	Australia	Canada	Japan
1870	1.00	0.55	0.58	0.65				
1871	1.00	0.57	0.67	0.68				
1872	1.00	0.61	0.64	0.60				
1873	1.00	0.64	0.67	0.54				
1874	1.00	0.63	0.71	0.55				
1875	1.00	0.65	0.66	0.55				
1876	1.00	0.67	0.71	0.56				
1877	1.00	0.67	0.73	0.55				
1878	1.00	0.70	0.79	0.57				
1879	1.00	0.69	0.80	0.57				
1880	1.00	0.68	0.79	0.56				
1881	1.00	0.67	0.79	0.56				
1882	1.00	0.67	0.77	0.55				
1883	1.00	0.68	0.80	0.56				
1884	1.00	0.70	0.81	0.57				
1885	1.00	0.70	0.80	0.58				
1886	1.00	0.69	0.80	0.57				
1887	1.00	0.68	0.79	0.57				
1888	1.00	0.68	0.75	0.58				
1889	1.00	0.68	0.76	0.60				
1890	1.00	0.70	0.79	0.62				
1891	1.00	0.71	0.81	0.62				
1892	1.00	0.72	0.81	0.63				
1893	1.00	0.71	0.80	0.60				
1894	1.00	0.74	0.87	0.62				
1895	1.00	0.74	0.86	0.63				
1896	1.00	0.73	0.85	0.64				
1897	1.00	0.76	0.86	0.67				
1898	1.00	0.75	0.83	0.66				
1899	1.00	0.75	0.85	0.67				
1900	1.00	0.76	0.85	0.68				
1901	1.00	0.76	0.84	0.66				
1902	1.00	0.75	0.82	0.66				
1903	1.00	0.74	0.82	0.64				
1904	1.00	0.73	0.83	0.64				
1905	1.00	0.73	0.81	0.66				
1906	1.00	0.71	0.80	0.67				
1907	1.00	0.68	0.78	0.64				
1908	1.00	0.70	0.81	0.65				
1909	1.00	0.71	0.82	0.66				
1910	1.00	0.73	0.89	0.70				
1911	1.00	0.69	0.85	0.66				
1912	1.00	0.69	0.83	0.66				
1913	1.00	0.68	0.83	0.66				
1914	1.00	0.67	0.82	0.65				
1915	1.00	0.72	0.90	0.71				
1916	1.00	0.78	0.87	0.76				
1917	1.00	0.82	0.88	0.9				
1918	1.00	0.85	1.00	0.7				
1919	1.00	0.73	0.75	0.2				
1920	1.00	0.63	0.54	0.2				
1921	1.00	0.68	0.58	0.2				
1922	1.00	0.73	0.72	0				
1923	1.00	0.68	0.59	5E-02				
1924	1.00	0.69	0.59	0.48				
1925	1.00	0.71	0.50	0.51				
1926	1.00	0.72	0.53	0.52				
1927	1.00	0.71	0.59	0.55				
1928	1.00	0.72	0.58	0.57				
1929	1.00	0.71	0.61	0.58				
1930	1.00	0.71	0.67	0.60				
1931	1.00	0.62	0.73	0.63				
1932	1.00	0.58	0.78	0.63				
1933	1.00	0.69	0.93	0.76				
1934	1.00	0.83	1.12	0.96				
1935	1.00	0.80	1.06	0.98				
1936	1.00	0.79	0.90	0.97				
1937	1.00	0.80	0.78	0.93				
1938	1.00	0.81	0.69	0.98				
1939	1.00	0.74	0.60	1.01				
1940	1.00	0.80	0.61	0.96				
1941	1.00	0.84	0.68	0.86				
1942	1.00	0.84	0.41	0.78				
1943	1.00	0.82	0.42	0.76				
1944	1.00	0.82	0.81	0.78				
1945	1.00	0.83	1.30	0.34				

	USA	UK	France	Germany	Italy	Australia	Canada	Japan
1946	1.00	0.65	1.12	0.21				
1947	1.00	0.50	1.11	0.21				
1948	1.00	0.51	1.66	0.34				
1949	1.00	0.51	1.35	0.72				
1950	1.00	0.54	0.69	0.55				0.33
1951	1.00	0.54	0.77	0.57				0.36
1952	1.00	0.57	0.85	0.59				0.37
1953	1.00	0.59	0.85	0.57				0.40
1954	1.00	0.60	0.84	0.57				0.42
1955	1.00	0.61	0.85	0.57				0.41
1956	1.00	0.62	0.86	0.56				0.42
1957	1.00	0.63	0.86	0.56				0.43
1958	1.00	0.63	0.82	0.57				0.42
1959	1.00	0.64	0.73	0.57				0.44
1960	1.00	0.64	0.74	0.58	0.50	0.79	0.98	0.47
1961	1.00	0.65	0.76	0.63	0.51	0.79	0.94	0.51
1962	1.00	0.66	0.77	0.64	0.53	0.77	0.88	0.52
1963	1.00	0.67	0.81	0.65	0.56	0.78	0.88	0.54
1964	1.00	0.68	0.83	0.66	0.59	0.79	0.89	0.55
1965	1.00	0.70	0.83	0.66	0.60	0.79	0.89	0.57
1966	1.00	0.70	0.82	0.66	0.59	0.79	0.91	0.58
1967	1.00	0.69	0.83	0.66	0.59	0.80	0.92	0.59
1968	1.00	0.60	0.82	0.64	0.57	0.79	0.91	0.59
1969	1.00	0.60	0.79	0.64	0.57	0.79	0.91	0.59
1970	1.00	0.63	0.79	0.71	0.60	0.79	0.93	0.64
1971	1.00	0.67	0.80	0.75	0.62	0.81	0.96	0.65
1972	1.00	0.71	0.90	0.83	0.66	0.88	0.99	0.77
1973	1.00	0.71	1.04	1.00	0.71	1.12	1.02	0.91
1974	1.00	0.71	0.98	1.01	0.70	1.22	1.10	0.94
1975	1.00	0.78	1.14	1.03	0.75	1.16	1.07	0.91
1976	1.00	0.69	1.07	0.98	0.65	1.16	1.15	0.93
1977	1.00	0.72	1.07	1.03	0.68	1.09	1.07	1.03
1978	1.00	0.82	1.19	1.16	0.76	1.13	0.99	1.28
1979	1.00	0.96	1.28	1.22	0.82	1.12	0.98	1.17
1980	1.00	1.15	1.32	1.19	0.88	1.15	0.99	1.09
1981	1.00	1.01	1.05	0.91	0.72	1.17	0.98	1.06
1982	1.00	0.89	0.91	0.84	0.67	1.09	0.97	0.90
1983	1.00	0.78	0.83	0.79	0.66	1.01	0.99	0.91
1984	1.00	0.69	0.75	0.69	0.61	1.00	0.94	0.90
1985	1.00	0.69	0.74	0.66	0.60	0.82	0.89	0.87
1986	1.00	0.79	0.99	0.91	0.80	0.81	0.88	1.23
1987	1.00	0.90	1.14	1.08	0.95	0.89	0.94	1.39
1988	1.00	1.01	1.15	1.08	0.98	1.04	1.02	1.52
1989	1.00	0.96	1.07	1.00	0.95	1.09	1.07	1.39
1990	1.00	1.08	1.24	1.16	1.13	1.08	1.08	1.31
1991	1.00	1.11	1.19	1.13	1.14	1.07	1.09	1.39
1992	1.00	1.12	1.26	1.23	1.17	0.99	1.02	1.47
1993	1.00	0.96	1.17	1.19	0.93	0.91	0.95	1.65
1994	1.00	0.97	1.18	1.21	0.92	0.97	0.89	1.76
1995	1.00	1.01	1.31	1.37	0.94	0.98	0.89	1.86
1996	1.00	1.00	1.27	1.29	1.02	1.04	0.89	1.57
1997	1.00	1.04	1.09	1.12	0.93	0.98	0.87	1.39
1998	1.00	1.07	1.07	1.10	0.90	0.82	0.80	1.27
1999	1.00	1.06	1.02	1.04	0.87	0.84	0.80	1.42
2000	1.00	0.96	0.87	0.89	0.75	0.76	0.83	1.44
2001	1.00	0.90	0.82	0.86	0.72	0.69	0.79	1.23
2002	1.00	0.94	0.85	0.89	0.80	0.73	0.78	1.15
2003	1.00	1.05	1.06	1.04	0.96	0.87	0.88	1.20
2004	1.00	1.16	1.17	1.11	1.08	1.00	0.95	1.24
2005	1.00	1.16	1.15	1.08	1.08	1.06	1.00	1.18
2006	1.00	1.15	1.13	1.05	1.05	1.06	1.06	1.07
2007	1.00	1.29	1.22	1.14	1.12	1.19	1.13	1.02
2008	1.00	1.20	1.29	1.19	1.16	1.24	1.16	1.13
2009	1.00	1.02	1.21	1.12	1.09	1.14	1.05	1.23
2010	1.00	1.02	1.16	1.07	1.07	1.40	1.18	1.27

After 1980: same as World Bank WDI, series PA.NUS.PPPC.RF, downloaded Sept 2012

Two issues in this table

(i) Needs to correct war & immediate post-war data

(ii) Higher price level for France (viz UK & Germany) from 1880 to 1913 somewhat puzzling (but same phenomenon happens in 1950s, and moreover the implied real GDP per capita relative to the U.S. is consistent with Maddison)