

APPENDIX

I) Definition of the variables under study.

1. **GDP per capita (constant 2000 US\$):** GDP per capita is gross domestic product divided by midyear population. GDP is the sum of gross value added by all resident producers in the economy plus any product taxes and minus any subsidies not included in the value of the products. It is calculated without making deductions for depreciation of fabricated assets or for depletion and degradation of natural resources.
(Source: World Development Indicators, World Bank)
2. **GDP growth (annual %):** Annual percentage growth rate of GDP at market prices based on constant local currency. Aggregates are based on constant 2000 U.S. dollars. GDP is the sum of gross value added by all resident producers in the economy plus any product taxes and minus any subsidies not included in the value of the products. It is calculated without making deductions for depreciation of fabricated assets or for depletion and degradation of natural resources. (Source: World Development Indicators, World Bank)
3. **Gross Capital Formation (% of GDP):** Gross capital formation (formerly gross domestic investment) consists of outlays on additions to the fixed assets of the economy plus net changes in the level of inventories. Fixed assets include land improvements (fences, ditches, drains, and so on); plant, machinery, and equipment purchases; and the construction of roads, railways, and the like, including schools, offices, hospitals, private residential dwellings, and commercial and

industrial buildings. Inventories are stocks of goods held by firms to meet temporary or unexpected fluctuations in production or sales, and "work in progress." According to the 1993 SNA, net acquisitions of valuables are also considered capital formation. (Source: World Development Indicators, World Bank)

4. **Secondary School enrollment (% gross):** Gross enrollment ratio is the ratio of total enrollment, regardless of age, to the population of the age group that officially corresponds to the level of education shown. Secondary education completes the provision of basic education that began at the primary level, and aims at laying the foundations for lifelong learning and human development, by offering more subject- or skill-oriented instruction using more specialized teachers. (Source: World Development Indicators, World Bank)
5. **Population Growth (Annual %):** Annual population growth rate for year t is the exponential rate of growth of midyear population from year $t-1$ to t , expressed as a percentage. Population is based on the de facto definition of population, which counts all residents regardless of legal status or citizenship – except for refugees not permanently settled in the country of asylum, who are generally considered part of the population of the country of origin. (Source: World Development Indicators, World Bank)
6. **Trade (% of GDP):** Trade is the sum of exports and imports of goods and services measured as a share of gross domestic product. (Source: World Development Indicators, World Bank)

7. **Total Residential and Non-Residential Patents and Trademarks:** Resident filing refers to an application filed at an Office of or acting for the State in which the first-named applicant in the application concerned has residence. Non-resident filing refers to an application filed at an Office of or acting for the State in which the first-named applicant in the application concerned does not have residence. (Source: WIPO Statistics Database, January 2011 (Annual Growth Rate is author's calculations) (Missing values were filled in by linear interpolation)) Note: Counts are based on the patent filing date.
8. **General government final consumption expenditure (% of GDP):** General government final consumption expenditure (formerly general government consumption) includes all government current expenditures for purchases of goods and services (including compensation of employees). It also includes most expenditures on national defense and security, but excludes government military expenditures that are part of government capital formation. (Source: World Development Indicators, World Bank)
9. **Inflation, GDP deflator (annual %):** Inflation as measured by the annual growth rate of the GDP implicit deflator shows the rate of price change in the economy as a whole. The GDP implicit deflator is the ratio of GDP in current local currency to GDP in constant local currency. (Source: World Development Indicators, World Bank)
10. **Official exchange rate (LCU per US\$, period average):** Official exchange rate refers to the exchange rate determined by national

authorities or to the rate determined in the legally sanctioned exchange market. It is calculated as an annual average based on monthly averages (local currency units relative to the U.S. dollar). (Source: World Development Indicators, World Bank)

11. **Gross savings (% of GDP):** Gross savings are calculated as gross national income less total consumption, plus net transfers. (Source: World Development Indicators, World Bank)

12. **Imports of goods and services (constant 2000 US\$):** Imports of goods and services represent the value of all goods and other market services received from the rest of the world. They include the value of merchandise, freight, insurance, transport, travel, royalties, license fees, and other services, such as communication, construction, financial, information, business, personal, and government services. They exclude compensation of employees and investment income (formerly called factor services) and transfer payments. Data are in constant 2000 U.S. dollars. (Source: World Development Indicators, World Bank) (Annual Growth Rate is author's calculations).

13. **Exports of goods and services (constant 2000 US\$):** Exports of goods and services represent the value of all goods and other market services provided to the rest of the world. They include the value of merchandise, freight, insurance, transport, travel, royalties, license fees, and other services, such as communication, construction, financial, information, business, personal, and government services. They exclude compensation of employees and investment income

(formerly called factor services) and transfer payments. Data are in constant 2000 U.S. dollars. (Source: World Development Indicators, World Bank) (Annual Growth Rate is author's calculations).

14. **FDI inflows and outflows (% of GDP):** FDI inflows and outflows comprise capital provided (either directly or through other related enterprises) by a foreign direct investor to a FDI enterprise, or capital received by a foreign direct investor from a FDI enterprise. FDI includes the three following components: equity capital, reinvested earnings and intra-company loans. Data on FDI flows are presented on net bases (capital transactions' credits less debits between direct investors and their foreign affiliates). Net decreases in assets or net increases in liabilities are recorded as credits, while net increases in assets or net decreases in liabilities are recorded as debits. Hence, FDI flows with a negative sign indicate that at least one of the three components of FDI is negative and not offset by positive amounts of the remaining components. These are called reverse investment or disinvestment. (GDP data source: UNCTAD, based on data from UN DESA, Statistics Division (GDP - Gross domestic product))

15. **Employment Rates:** Employment rates are calculated as the ratio of the employed to the working age population. Employment is generally measured through household labor force surveys. According to the ILO Guidelines, employed persons are defined as those aged 15 or over who report that they have worked in gainful employment for at least one hour in the previous week or who had a job but were absent from work during the reference week. Those not in employment consist of persons

who are classified as either unemployed or inactive, in the sense that they are not included in the labor force for reasons of study, incapacity or the need to look after young children or elderly relatives. (Source: OECD Factbook 2009 and 2011-2012).

16. Unemployment Rates: Unemployed persons are defined as those who report that they are without work, that they are available for work and that they have taken active steps to find work in the last four weeks. The ILO Guidelines specify what actions count as active steps to find work; these include answering vacancy notices, visiting factories, construction sites and other places of work, and placing advertisements in the press as well as registering with labor offices. The unemployment rate is defined as the number of unemployed persons as a percentage of the labor force, where the latter consists of the unemployed plus those in paid employment. (Source: OECD Factbook 2009 and 2011-2012).

17. Agriculture Value Added (% of GDP): Agriculture corresponds to ISIC divisions 1-5 and includes forestry, hunting, and fishing, as well as cultivation of crops and livestock production. Value added is the net output of a sector after adding up all outputs subtracting intermediate inputs. It is calculated without making deductions for depreciation of fabricated assets or depletion and degradation of natural resources. (Source: World Development Indicators, World Bank)

18. Services etc Value Added (% of GDP): Services corresponds to ISIC divisions 50-99 and they include value added in wholesale and retail trade (including hotels and restaurants), transport, and government, financial, professional, and personal services such as

education, health care, and real estate services. Also included are imputed bank service charges, import duties, and any statistical discrepancies noted by national compilers as well as discrepancies arising from rescaling. Value added is the net output of a sector after adding up all outputs subtracting intermediate inputs. It is calculated without making deductions for depreciation of fabricated assets or depletion and degradation of natural resources. (Source: World Development Indicators, World Bank)

- 19. Industry Value Added (% of GDP):** Industry corresponds to ISIC divisions 10-45 and includes manufacturing (ISIC divisions 15-37). It comprises value added in mining, manufacturing, construction, electricity, water, and gas. Value added is the net output of a sector after adding up all outputs subtracting intermediate inputs. It is calculated without making deductions for depreciation of fabricated assets or depletion and degradation of natural resources. (Source: World Development Indicators, World Bank)

II) DATA TABLES

TABLE: F-1 Macro Economic Situation - Finland

Years	Official Exchange Rate	Total Population (AGR %)	Years	Official Exchange Rate	Total Population (AGR %)
1960	3.20	-	1986	5.07	0.33
1961	3.20	0.70	1987	4.40	0.31
1962	3.20	0.67	1988	4.18	0.36
1963	3.20	0.71	1989	4.29	0.22
1964	3.20	0.57	1990	3.82	0.48
1965	3.20	0.33	1991	4.04	0.56
1966	3.20	0.37	1992	4.48	0.56
1967	3.45	0.55	1993	5.71	0.48
1968	4.20	0.46	1994	5.22	0.45
1969	4.20	-0.06	1995	4.37	0.37
1970	4.20	-0.39	1996	4.59	0.33
1971	4.18	0.22	1997	5.19	0.29
1972	4.15	0.52	1998	5.34	0.26
1973	3.82	0.56	1999	-	0.24
1974	3.77	0.54	2000	-	0.21
1975	3.68	0.43	2001	-	0.23
1976	3.86	0.32	2002	-	0.24
1977	4.03	0.28	2003	-	0.24
1978	4.12	0.30	2004	-	0.29
1979	3.90	0.25	2005	-	0.34
1980	3.73	0.31	2006	-	0.38
1981	4.32	0.42	2007	-	0.43
1982	4.82	0.56	2008	-	0.47
1983	5.57	0.60	2009	-	0.48
1984	6.01	0.54	2010	-	0.46
1985	6.20	0.41			

Source: World Development Indicators, World Bank

TABLE: F-2 Macro Economic Situation - Finland

Years	Inflation Rate (Annual %)	Domestic Investment (% of GDP)	GDP growth (Annual %)	Gross Savings (% of GDP)
1971	7.36	30.82	2.36	-
1972	8.24	28.38	7.74	-
1973	13.77	29.81	6.98	-
1974	22.07	35.73	3.24	-
1975	13.57	34.90	1.80	27.37
1976	13.12	28.20	0.34	24.50
1977	9.42	27.00	0.24	26.52
1978	7.45	23.54	2.92	24.90
1979	8.30	26.80	7.12	26.19
1980	9.64	30.15	5.39	27.17
1981	11.59	27.33	1.29	26.15
1982	9.20	27.45	3.05	25.13
1983	8.10	27.01	3.02	24.48
1984	8.46	25.91	3.11	25.90
1985	5.31	25.42	3.30	23.95
1986	4.82	24.35	2.64	23.39
1987	4.32	25.06	3.49	23.21
1988	7.65	27.43	5.22	24.96
1989	6.39	30.44	5.08	25.55
1990	5.43	28.48	0.51	23.40
1991	1.50	22.14	-6.00	16.66
1992	0.92	18.77	-3.48	14.02
1993	1.92	16.32	-0.81	14.90
1994	1.64	17.50	3.65	18.46
1995	4.52	18.19	3.96	21.89
1996	-0.36	17.78	3.57	21.38
1997	1.99	19.17	6.21	24.09
1998	3.41	20.37	5.03	25.37
1999	0.93	19.56	3.91	26.65
2000	2.61	20.86	5.32	28.65

2001	3.01	20.47	2.28	29.16
2002	1.27	19.15	1.83	28.00
2003	-0.69	19.42	2.01	24.81
2004	0.48	19.99	4.12	26.70
2005	0.46	21.85	2.92	25.63
2006	0.85	21.30	4.41	26.16
2007	2.99	22.89	5.34	27.27
2008	2.23	22.38	0.98	25.78
2009	1.70	18.44	-8.23	20.83

Source: World Development Indicators, World Bank

TABLE: F-3 Total Employment and Unemployment - Finland

Years	Total	Total	Years	Total	Total
	Employment	Unemployment		Employment	Unemployment
	Rate	Rate		Rate	Rate
1966	71.6	-	1988	72	4.2
1967	69.3	-	1989	74.9	3.1
1968	67.3	-	1990	74.7	3.2
1969	67.9	-	1991	70.7	6.7
1970	70.4	2.6	1992	65.5	11.6
1971	69.9	3	1993	61.4	16.2
1972	69.3	3.6	1994	60.7	16.8
1973	70.3	3.1	1995	61.9	15.1
1974	71.7	2.5	1996	62.8	14.9
1975	71	2.9	1997	63.5	12.7
1976	69.6	4.5	1998	64.8	11.4
1977	68.4	6.6	1999	66.6	10.3
1978	67.2	7.9	2000	67.5	9.6
1979	68.9	6.5	2001	68.3	9.1
1980	70.7	5.3	2002	68.3	9.1
1981	71.1	5.7	2003	67.9	9.1
1982	71.4	6.1	2004	67.8	8.9
1983	71.5	6.1	2005	68.5	8.4
1984	71.8	5.9	2006	69.6	7.7

1985	72.3	6	2007	70.5	6.9
1986	72	6.7	2008	71.3	6.4
1987	71.7	4.9	2009	68.4	8.2
			2010	68.3	8.4

Source: OECD Factbook 2009 and OECD Factbook 2011-2012

TABLE: F-4 Value Added by Major Sectors - Finland

Years	Agriculture Value Added (% of GDP)	Industry Value Added (% of GDP)	Services etc Value Added (% of GDP)
1970	12.71	38.26	49.03
1971	12.76	37.19	50.05
1972	11.40	38.43	50.18
1973	11.01	39.25	49.74
1974	10.54	41.19	48.28
1975	11.01	39.10	49.88
1976	10.45	37.67	51.88
1977	10.15	37.34	52.50
1978	9.62	37.77	52.61
1979	9.46	38.40	52.13
1980	9.91	38.21	51.88
1981	8.94	37.80	53.26
1982	9.07	36.89	54.04
1983	8.85	36.69	54.46
1984	8.67	36.28	55.05
1985	8.22	35.06	56.72
1986	7.91	34.29	57.80
1987	6.43	34.81	58.77
1988	6.30	34.92	58.78
1989	6.34	35.09	58.57
1990	6.33	33.33	60.34
1991	5.57	29.85	64.58
1992	4.98	29.47	65.54
1993	5.06	30.09	64.85

1994	4.68	31.57	63.75
1995	4.35	32.82	62.83
1996	4.04	31.97	63.99
1997	4.05	32.27	63.67
1998	3.50	33.77	62.73
1999	3.45	33.40	63.16
2000	3.53	33.69	62.77
2001	3.38	33.30	63.32
2002	3.35	32.45	64.21
2003	3.18	31.98	64.84
2004	3.05	31.51	65.44
2005	2.96	31.33	65.70
2006	2.54	32.40	65.06
2007	3.19	32.26	64.56

Source: World Development Indicators 2009, World Bank

TABLE: F- 5 Value of Oil Imports and Exports - Finland

Years	Value of Oil Imports (Billion US \$)	Value of Oil Exports (Billion US \$)
1980	3.819	1.484
1981	3.577	1.283
1982	3.125	1.149
1983	2.972	0.994
1984	2.818	0.921
1985	2.883	0.893
1986	1.988	1.092
1987	2.139	1.26
1988	1.803	1.324
1989	1.935	1.29
1990	2.574	1.448
1991	2.33	1.369
1992	2.186	1.236
1993	1.909	0.969

1994	2.234	1.06
1995	2.771	1.268
1996	1.002	1.205
1997	0.726	1.066
1998	1.449	1.036
1999	1.997	0.993
2000	3.263	1.554
2001	2.694	1.301
2002	2.813	1.44
2003	3.567	1.782
2004	4.496	2.324
2005	6.103	2.799
2006	8.081	3.803
2007	8.893	4.644
2008	12.173	6.296
2009	7.475	3.815

Source: World Economic Outlook Database, September 2011

Table F-6 Foreign Direct Investment Flow - Finland

Years	Inward FDI flow	Outward FDI flow
	% of GDP	as % of GDP
1970	0.160	0.463
1971	0.202	0.371
1972	0.254	0.418
1973	0.067	0.078
1974	0.142	0.118
1975	0.234	0.090
1976	0.183	0.097
1977	0.141	0.220
1978	0.096	0.174
1979	0.062	0.285
1980	0.053	0.258
1981	0.190	0.250

1982	-0.007	0.164
1983	0.167	0.284
1984	0.264	0.945
1985	0.200	0.620
1986	0.470	1.042
1987	0.295	1.258
1988	0.495	2.437
1989	0.418	2.539
1990	0.567	1.950
1991	-0.197	-0.099
1992	0.369	-0.684
1993	0.991	1.614
1994	1.569	4.273
1995	0.813	1.146
1996	0.865	2.804
1997	1.720	4.302
1998	9.365	14.380
1999	3.541	5.080
2000	7.258	19.743
2001	2.996	6.720
2002	5.956	5.456
2003	2.022	-1.389
2004	1.496	-0.571
2005	2.428	2.159
2006	3.682	2.312
2007	5.062	2.929
2008	-0.383	3.437
2009	-0.002	1.610
2010	1.806	3.511

Source: UNCTAD

TABLE: F-7 Exports and Imports of Goods & Services - Finland

Years	Exports of Goods & Services	Imports of Goods & Services
	(AGR %)	(AGR %)
1961	5.14	8.06
1962	7.07	5.61
1963	2.19	-2.78
1964	5.81	20.60
1965	5.61	8.26
1966	6.41	3.54
1967	5.95	-0.30
1968	9.98	-3.93
1969	16.74	22.28
1970	8.81	20.39
1971	-1.16	-0.17
1972	14.48	5.02
1973	7.22	12.76
1974	0.11	6.50
1975	-13.14	2.50
1976	14.40	-1.44
1977	16.04	-1.73
1978	7.78	-3.95
1979	9.65	18.45
1980	8.10	8.55
1981	5.80	-4.59
1982	-1.87	2.21
1983	4.33	4.11
1984	6.53	0.92
1985	0.63	6.36
1986	1.69	3.49
1987	2.76	8.79
1988	3.16	10.63
1989	2.75	9.02
1990	1.65	-0.34
1991	-7.20	-13.29

1992	10.02	0.57
1993	16.32	1.29
1994	13.50	12.99
1995	8.53	8.19
1996	5.91	7.24
1997	13.94	11.87
1998	9.23	8.65
1999	11.10	4.24
2000	17.26	16.71
2001	1.71	1.35
2002	3.35	3.23
2003	-1.90	3.20
2004	8.17	7.40
2005	7.02	11.44
2006	12.15	7.87
2007	8.17	7.02
2008	6.33	6.48
2009	-20.27	-18.08

Source: World Bank national accounts data, and OECD National Accounts data files

TABLE: F- 8 Total Residential & Non-Residential Patents & Trademarks - Finland

Years	Patents & Trademarks
1970	-4.484
1971	2.488
1972	0.303
1973	6.655
1974	-7.199
1975	-1.121
1976	-2.679
1977	5.944
1978	1.570

1979	2.530
1980	5.620
1981	-2.025
1982	7.590
1983	4.506
1984	7.022
1985	7.915
1986	8.028
1987	7.469
1988	4.508
1989	18.589
1990	-6.877
1991	-15.683
1992	9.914
1993	-16.512
1994	5.776
1995	5.107
1996	-20.710
1997	18.763
1998	10.404
1999	4.920
2000	8.544
2001	-3.543
2002	-12.407
2003	-9.971
2004	-1.523
2005	-2.255
2006	-2.491
2007	-1.424
2008	-1.498
2009	-19.161

Source: WIPO

Annual Growth Rate: Author's Calculations

TABLE: G-1 Macro Economic Situation - Germany

Years	Official Exchange Rate	Total Population (AGR %)
1960	4.200	-
1961	4.033	0.861
1962	4.000	0.872
1963	4.000	0.818
1964	4.000	0.550
1965	4.000	0.914
1966	4.000	0.750
1967	4.000	0.213
1968	4.000	0.283
1969	3.943	0.730
1970	3.660	0.747
1971	3.507	0.829
1972	3.189	0.449
1973	2.673	0.306
1974	2.588	0.029
1975	2.460	-0.380
1976	2.518	-0.460
1977	2.322	-0.193
1978	2.009	-0.106
1979	1.833	0.027
1980	1.818	0.255
1981	2.260	0.147
1982	2.427	-0.106
1983	2.553	-0.272
1984	2.846	-0.353
1985	2.944	-0.190
1986	2.171	0.039
1987	1.797	0.144
1988	1.756	0.391
1989	1.880	0.778
1990	1.616	0.865

1991	1.660	0.731
1992	1.562	0.762
1993	1.653	0.660
1994	1.623	0.444
1995	1.433	0.155
1996	1.505	0.331
1997	1.734	0.194
1998	1.760	-0.029
1999	-	0.049
2000	-	0.150
2001	-	0.150
2002	-	0.213
2003	-	0.040
2004	-	-0.030
2005	-	-0.057
2006	-	-0.113
2007	-	-0.134
2008	-	-0.190
2009	-	-0.253
2010	-	-0.244

Source: World Development Indicators, World Bank

TABLE: G-2 Macro Economic Situation - Germany

Years	Domestic			
	Inflation (Annual %)	Investment (% of GDP)	GDP growth (Annual %)	Gross Savings (% of GDP)
1971	7.621	29.671	3.133	27.261
1972	4.532	28.534	4.300	26.045
1973	6.300	27.310	4.777	25.441
1974	7.275	24.676	0.890	23.392
1975	5.667	22.780	-0.867	20.237
1976	3.306	23.843	4.949	20.605
1977	3.101	23.502	3.347	20.319
1978	3.546	23.783	3.008	21.289

1979	4.278	25.585	4.150	20.957
1980	5.451	25.376	1.409	19.650
1981	4.175	22.952	0.529	17.722
1982	4.581	21.594	-0.395	17.644
1983	2.808	22.330	1.572	18.430
1984	1.989	22.108	2.823	18.643
1985	2.125	21.561	2.328	19.023
1986	3.000	21.580	2.287	20.758
1987	1.280	21.028	1.402	20.051
1988	1.690	21.710	3.707	21.146
1989	2.879	22.619	3.897	21.907
1990	3.397	23.159	5.255	22.989
1991	3.085	24.039	5.108	22.158
1992	5.400	23.488	1.912	21.807
1993	3.984	22.163	-1.002	20.792
1994	2.493	22.459	2.472	20.482
1995	2.009	22.338	1.677	20.534
1996	0.638	21.278	0.791	20.209
1997	0.263	21.331	1.737	20.401
1998	0.590	21.847	1.862	20.713
1999	0.192	21.797	1.871	20.226
2000	-0.672	22.300	3.058	20.174
2001	1.125	20.346	1.514	19.919
2002	1.431	18.072	0.010	19.949
2003	1.097	17.853	-0.375	19.621
2004	1.071	17.631	1.161	22.271
2005	0.618	17.269	0.685	22.305
2006	0.312	18.135	3.700	24.560
2007	1.630	19.261	3.269	26.639
2008	0.774	19.376	1.083	25.533
2009	1.173	16.540	-5.127	22.268

Source: World Development Indicators, World Bank

TABLE: G-3 Total Employment & Unemployment - Germany

Years	Total Employment	Total Unemployment
	Rate	Rate
1970	66.9	-
1971	66.7	-
1972	66.5	-
1973	66.8	-
1974	65.9	-
1975	64.4	-
1976	64.2	-
1977	64.2	-
1978	64.4	-
1979	65	-
1980	65.2	-
1981	64.3	-
1982	62.8	-
1983	61.3	-
1984	61.1	-
1985	61.6	-
1986	62.4	-
1987	62.7	-
1988	63.1	-
1989	63.5	-
1990	64.1	-
1991	67.1	4.2
1992	66.2	6.3
1993	65.1	7.6
1994	64.5	8.2
1995	64.6	8
1996	64.3	8.7
1997	63.8	9.7
1998	64.7	9.4
1999	65.2	8.6
2000	65.6	8

2001	65.8	7.9
2002	65.3	8.7
2003	64.6	9.8
2004	65	10.5
2005	65.5	11.2
2006	67.2	10.2
2007	69	8.8
2008	70.2	7.6
2009	70.4	7.7
2010	71.2	7.1

Source: OECD Factbook 2007 and OECD Factbook 2011-2012

TABLE: G-4 Value Added by Major Sectors - Germany

Years	Agriculture Value Added (% of GDP)	Industry Value Added (% of GDP)	Service Value Added (% of GDP)
1970	3.67	48.09	48.24
1971	3.44	46.73	49.83
1972	3.42	45.68	50.90
1973	3.25	45.11	51.64
1974	2.96	44.30	52.73
1975	3.13	42.08	54.79
1976	3.16	42.33	54.51
1977	3.06	41.97	54.97
1978	2.92	42.00	55.08
1979	2.62	41.70	55.68
1980	2.40	41.06	56.54
1981	2.39	40.05	57.57
1982	2.52	39.52	57.96
1983	2.19	39.24	58.57
1984	2.16	38.81	59.02
1985	1.92	39.05	59.03
1986	1.92	39.13	58.95
1987	1.70	38.41	59.89

1988	1.77	38.10	60.12
1989	1.87	37.69	60.44
1990	1.49	37.34	61.17
1991	1.38	36.62	62.00
1992	1.29	35.49	63.23
1993	1.22	33.20	65.57
1994	1.25	32.86	65.90
1995	1.27	32.15	66.58
1996	1.32	31.24	67.44
1997	1.31	31.01	67.68
1998	1.24	30.93	67.83
1999	1.23	30.26	68.51
2000	1.26	30.25	68.48
2001	1.36	29.68	68.96
2002	1.15	29.15	69.70
2003	0.98	28.86	70.16
2004	1.09	29.18	69.73
2005	0.88	28.96	70.16
2006	0.85	29.38	69.77
2007	0.92	30.09	68.99

Source: World Development Indicators, World Bank

TABLE: G-5 Value of Oil Imports and Exports- Germany

Years	Value of Oil Imports (Billion US \$)	Value of Oil Exports (Billion US \$)
1980	26.792	2.293
1981	28.351	2.628
1982	29.642	2.392
1983	27.083	2.088
1984	22.668	1.782
1985	23.758	1.576
1986	32.812	2.12
1987	19.069	1.908

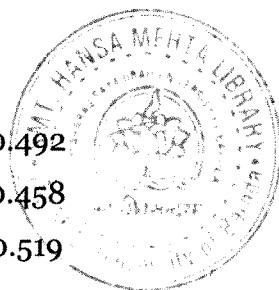
1988	17.343	2.017
1989	13.706	1.814
1990	18.799	2.324
1991	23.343	3.441
1992	22.525	3.403
1993	21.613	-
1994	20.321	-
1995	10.082	0.34
1996	12.379	0.89
1997	11.497	0.877
1998	8.853	0.827
1999	9.768	0.586
2000	30.786	1.632
2001	30.246	2.532
2002	30.471	2.53
2003	40.947	3.931
2004	47.425	4.968
2005	65.757	4.312
2006	83.027	4.186
2007	83.998	4.227
2008	122.258	5.259
2009	76.544	3.615

Source: World Economic Outlook Database (Sept 2011) (IMF).

TABLE: G-6 Foreign Direct Investment Flows- Germany

Years	Inward FDI flow	Outward FDI flow
	% of GDP	% of GDP
1970	0.369	0.512
1971	0.451	0.499
1972	0.654	0.623
1973	0.530	0.503

1974	0.503	0.492
1975	0.141	0.458
1976	0.262	0.519
1977	0.162	0.411
1978	0.222	0.544
1979	0.203	0.583
1980	0.037	0.511
1981	0.042	0.579
1982	0.100	0.402
1983	0.229	0.493
1984	0.076	0.675
1985	0.124	0.798
1986	0.229	0.994
1987	0.168	0.695
1988	0.086	1.073
1989	0.512	1.115
1990	0.173	1.414
1991	0.261	1.268
1992	-0.101	0.902
1993	0.018	0.858
1994	0.332	0.879
1995	0.477	1.548
1996	0.270	2.083
1997	0.567	1.935
1998	1.126	4.066
1999	2.616	5.070
2000	10.434	2.976
2001	1.397	2.099
2002	2.654	0.939
2003	1.325	0.238
2004	-0.371	0.748
2005	1.701	2.722
2006	1.906	4.067
2007	2.409	5.125



2008	0.116	2.122
2009	1.130	2.348
2010	1.393	3.167

Source: UNCTAD

TABLE: G-7 Exports & Imports of Goods & Services- Germany

Years	Exports of Goods & Services (AGR %)	Imports of Goods & Service (AGR %)
1971	2.35	7.37
1972	6.18	6.48
1973	10.72	3.65
1974	11.79	0.44
1975	-6.14	2.92
1976	10.29	10.88
1977	4.00	3.66
1978	2.77	5.45
1979	4.97	9.63
1980	5.46	3.09
1981	7.22	-2.96
1982	3.70	-0.78
1983	-0.50	2.70
1984	8.86	5.27
1985	7.46	4.03
1986	-1.19	3.24
1987	0.74	4.58
1988	5.66	5.47
1989	10.28	8.59
1990	11.35	10.77
1991	11.02	10.90
1992	-0.75	2.78
1993	-4.89	-4.69
1994	8.02	8.25
1995	6.35	6.51

1996	6.05	3.53
1997	11.71	8.22
1998	7.96	9.45
1999	5.94	8.55
2000	13.53	10.17
2001	6.44	1.23
2002	4.29	-1.44
2003	2.46	5.36
2004	10.25	7.28
2005	7.71	6.65
2006	13.07	11.92
2007	7.65	5.01
2008	2.54	3.27
2009	-14.28	-9.38

Source: World Bank national accounts data, and OECD National Accounts data files.

Annual Growth Rate: Author's Calculations.

TABLE: G-8 Total Residential & Non-Residential Patents and Trademarks-Germany

Years	Patents & Trademarks (AAGR)
1970	-1.489
1971	-1.465
1972	5.997
1973	-3.873
1974	-7.226
1975	-3.355
1976	4.391
1977	-1.946
1978	-1.919
1979	9.189
1980	-17.519

1981	-3.501
1982	1.776
1983	1.309
1984	-1.192
1985	9.463
1986	-0.891
1987	0.785
1988	5.566
1989	3.197
1990	0.272
1991	3.326
1992	1.060
1993	4.867
1994	12.457
1995	5.090
1996	7.096
1997	7.030
1998	11.393
1999	6.972
2000	9.752
2001	-13.246
2002	-9.775
2003	3.281
2004	3.493
2005	5.158
2006	0.537
2007	2.324
2008	-0.736
2009	-6.297

Source: WIPO

TABLE: I 1- Macro Economic Situation - Italy

Years	Official Exchange Rate	Total Population (AGR %)
1960	623.988	-
1961	625.000	0.670
1962	625.000	0.681
1963	625.000	0.731
1964	625.000	0.825
1965	625.000	0.846
1966	625.000	0.781
1967	625.000	0.727
1968	625.000	0.633
1969	625.000	0.567
1970	625.000	0.530
1971	620.359	0.468
1972	583.217	0.568
1973	582.996	0.680
1974	650.343	0.658
1975	652.849	0.599
1976	832.335	0.500
1977	882.388	0.425
1978	848.663	0.357
1979	830.862	0.290
1980	856.447	0.206
1981	1136.765	0.120
1982	1352.510	0.074
1983	1518.848	0.035
1984	1756.961	0.023
1985	1909.439	0.028
1986	1490.810	0.005
1987	1296.070	0.011
1988	1301.628	0.048
1989	1372.093	0.076
1990	1198.102	0.083
1991	1240.613	0.070

1992	1232.406	0.069
1993	1573.666	0.062
1994	1612.445	0.021
1995	1628.933	0.003
1996	1542.947	0.029
1997	1703.097	0.055
1998	1736.207	0.030
1999	-	0.019
2000	-	0.048
2001	-	0.056
2002	-	0.310
2003	-	0.782
2004	-	0.991
2005	-	0.742
2006	-	0.571
2007	-	0.736
2008	-	0.769
2009	-	0.603
2010	-	0.483

Source: World Development Indicators, World Bank

TABLE: I – 2 -Macro Economic Situation- Italy

Years	Inflation (Annual %)	Domestic Investment (% of GDP)	GDP growth (Annual %)	Gross Savings (% of GDP)
1971	7.179	23.802	1.818	25.214
1972	5.633	22.904	3.690	24.506
1973	12.739	26.323	7.126	24.697
1974	20.246	29.730	5.500	25.447
1975	16.983	23.745	-2.090	23.780
1976	17.454	26.562	7.125	25.341
1977	18.477	24.409	2.561	25.349
1978	13.945	23.855	3.240	25.765
1979	15.451	24.388	5.959	25.864

1980	20.816	26.731	3.430	24.483
1981	18.787	24.660	0.844	22.240
1982	17.541	23.702	0.414	21.928
1983	15.097	22.218	1.169	22.512
1984	10.762	23.280	3.226	22.602
1985	9.175	23.139	2.798	22.203
1986	7.488	21.718	2.860	21.801
1987	6.009	22.098	3.192	21.641
1988	6.650	22.548	4.194	21.699
1989	6.197	22.298	3.388	20.988
1990	8.395	22.345	2.053	20.674
1991	7.541	22.020	1.534	19.817
1992	4.400	21.426	0.773	18.876
1993	3.911	18.867	-0.888	19.564
1994	3.551	18.745	2.152	19.595
1995	4.966	19.835	2.827	21.686
1996	4.810	19.167	1.095	21.996
1997	2.562	19.358	1.872	22.232
1998	2.623	19.621	1.401	21.396
1999	1.783	20.061	1.464	21.037
2000	1.912	20.695	3.693	20.492
2001	2.963	20.580	1.818	20.777
2002	3.261	21.130	0.454	20.857
2003	3.116	20.668	-0.017	19.864
2004	2.635	20.799	1.532	20.350
2005	2.058	20.690	0.656	19.607
2006	1.837	21.615	2.036	19.713
2007	2.573	21.870	1.482	20.075
2008	2.756	21.238	-1.323	18.047
2009	2.270	18.911	-5.217	16.205

Source: World Development Indicators, World Bank

TABLE: I-3 Total Employment & Unemployment- Italy

Years	Total Employment Rate	Total Unemployment Rate
1970	52	-
1971	51.9	-
1972	51	-
1973	51.1	-
1974	51.5	-
1975	51.4	-
1976	51.5	-
1977	53.4	-
1978	53.2	-
1979	53.4	5.8
1980	53.9	4.8
1981	54	5.5
1982	53.5	6.5
1983	52.6	7.4
1984	52	7.8
1985	51.9	8.2
1986	51.9	8.9
1987	51.9	9.6
1988	52	9.7
1989	52	9.7
1990	52.6	8.9
1991	52.6	8.5
1992	52.3	8.8
1993	52.5	9.8
1994	51.5	10.6
1995	51.2	11.2
1996	51.4	11.2
1997	51.6	11.2
1998	52.2	11.4
1999	52.9	11
2000	53.9	10.1
2001	54.9	9.1

2002	55.6	8.7
2003	56.2	8.5
2004	57.4	8.1
2005	57.5	7.7
2006	58.4	6.8
2007	58.7	6.1
2008	58.7	6.8
2009	57.5	7.8
2010	56.9	8.4

Source: OECD Factbook 2009 and OECD Factbook 2011-2012

TABLE: I-4 Value Added by Major Sectors- Italy

Years	Agriculture Value Added (% of GDP)	Industry Value Added (% of GDP)	Service Value Added (% of GDP)
1970	8.75	39.29	51.96
1971	8.34	38.30	53.35
1972	7.60	37.42	54.98
1973	8.09	38.64	53.28
1974	7.23	40.24	52.53
1975	7.48	38.59	53.93
1976	7.01	39.67	53.32
1977	6.74	39.02	54.24
1978	6.64	37.97	55.38
1979	6.34	37.83	55.83
1980	6.02	38.07	55.91
1981	5.62	37.11	57.28
1982	5.38	36.20	58.42
1983	5.47	35.03	59.50
1984	4.97	34.82	60.21
1985	4.67	34.28	61.05
1986	4.48	33.29	62.23
1987	4.30	33.07	62.64
1988	3.88	32.71	63.41

1989	3.77	33.01	63.22
1990	3.49	32.09	64.42
1991	3.58	31.12	65.30
1992	3.45	30.60	65.95
1993	3.32	30.09	66.59
1994	3.31	30.11	66.59
1995	3.31	30.28	66.42
1996	3.30	29.74	66.96
1997	3.20	29.49	67.31
1998	3.09	29.39	67.52
1999	3.02	28.69	68.30
2000	2.80	28.43	68.78
2001	2.67	28.11	69.22
2002	2.56	27.78	69.65
2003	2.53	27.08	70.39
2004	2.52	27.00	70.47
2005	2.20	26.90	70.90
2006	2.11	26.83	71.06
2007	2.04	27.03	70.93

Source: World Development Indicators, World Bank

TABLE: I-5 Value of Oil Imports & Exports- Italy

Years	Value of Oil Imports (Billion US \$)	Value of Oil Exports (Billion US \$)
1980	17.706	3.066
1981	25.503	4.38
1982	26.769	5.589
1983	27.048	4.861
1984	27.933	4.851
1985	31.027	5.817
1986	14.708	3.412

1987	14.721	3.129
1988	11.462	2.65
1989	15.205	3.06
1990	17.621	3.76
1991	15.168	3.629
1992	14.401	3.659
1993	12.243	3.316
1994	12.031	3.327
1995	12.871	2.913
1996	15.469	3.471
1997	14.891	3.751
1998	10.268	3.03
1999	12.867	3.85
2000	20.059	6.127
2001	18.031	5.55
2002	18.653	5.566
2003	22.111	6.397
2004	28.757	8.349
2005	38.948	11.227
2006	47.965	13.871
2007	54.682	15.908
2008	67.824	19.741
2009	41.439	11.42

Source: World Economic Outlook Database (Sept 2011), IMF

TABLE: I-6 Foreign Direct Investment Flows- Italy

Years	Inward FDI flow	Outward FDI flow
	% of GDP	% of GDP
1970	0.571	0.105
1971	0.458	0.338
1972	0.481	0.158
1973	0.393	0.163
1974	0.310	0.106

1975	0.294	0.156
1976	0.050	0.074
1977	0.455	0.226
1978	0.157	0.053
1979	0.110	0.142
1980	0.125	0.161
1981	0.272	0.335
1982	0.150	0.235
1983	0.279	0.474
1984	0.313	0.446
1985	0.246	0.398
1986	-0.028	0.398
1987	0.538	0.270
1988	0.792	0.548
1989	0.283	0.224
1990	0.560	0.672
1991	0.208	0.613
1992	0.254	0.470
1993	0.367	0.707
1994	0.212	0.485
1995	0.428	0.509
1996	0.281	0.513
1997	0.416	1.027
1998	0.352	1.321
1999	0.576	0.560
2000	1.219	1.122
2001	1.331	1.922
2002	1.193	1.405
2003	1.089	0.602
2004	0.973	1.115
2005	1.124	2.353
2006	2.106	2.258
2007	1.900	4.290
2008	-0.472	2.917

2009	0.950	1.007
2010	0.463	1.024

Source: UNCTAD

TABLE: I-7 Exports & Imports of Goods & Services- Italy

Years	Exports of Goods & Services (AGR %)	Imports of Goods & Services (AGR %)
1961	14.75	13.73
1962	10.36	14.93
1963	6.48	22.54
1964	10.80	-6.15
1965	19.98	2.00
1966	11.18	14.03
1967	7.17	13.49
1968	13.87	5.88
1969	11.76	19.29
1970	5.82	16.01
1971	7.44	2.98
1972	8.47	9.95
1973	5.99	9.65
1974	7.15	3.07
1975	1.68	-14.15
1976	11.96	13.56
1977	10.64	1.55
1978	10.86	5.96
1979	7.80	11.99
1980	-8.36	5.57
1981	6.84	-0.81
1982	-1.31	-0.05
1983	3.80	-3.06
1984	7.70	12.82
1985	3.57	4.28
1986	1.68	5.32

1987	4.11	12.03
1988	5.19	5.96
1989	8.53	8.55
1990	6.86	9.63
1991	-2.12	2.22
1992	6.81	6.93
1993	8.70	-11.65
1994	9.61	7.77
1995	12.40	9.31
1996	1.50	-0.49
1997	5.14	9.36
1998	2.50	9.41
1999	-0.39	4.89
2000	11.93	9.77
2001	2.60	1.75
2002	-2.86	0.23
2003	-2.00	1.20
2004	4.87	4.17
2005	1.09	2.08
2006	6.22	5.94
2007	4.56	3.78
2008	-3.88	-4.32
2009	-19.13	-14.54

Source: World Bank National Accounts Data and OECD National Accounts files.

Annual Growth Rate: Author's Calculations.

**TABLE: I-8 Total Residential & Non-Residential Patents & Trademarks-
Italy**

Years	Patents & Trademarks AGR %
1970	-3.800
1971	-3.961
1972	4.648
1973	-9.459
1974	-5.315
1975	-4.154
1976	1.623
1977	1.379
1978	3.077
1979	-14.765
1980	-7.223
1981	-3.395
1982	1.324
1983	-3.340
1984	3.867
1985	19.455
1986	-13.928
1987	11.841
1988	18.007
1989	-2.772
1990	-4.379
1991	-5.864
1992	-4.272
1993	-3.168
1994	23.279
1995	9.018
1996	21.789
1997	2.566
1998	4.527
1999	3.305

2000	15.851
2001	-4.547
2002	-2.437
2003	-0.620
2004	4.399
2005	3.863
2006	-0.704
2007	4.584
2008	-2.849
2009	-27.759

Source: WIPO

TABLE: P-1 Macro Economic Situation - Portugal

Years	Official Exchange Rate	Total Population (AGR %)
1960	28.750	
1961	28.750	-0.061
1962	28.750	0.920
1963	28.750	0.685
1964	28.750	0.450
1965	28.750	0.070
1966	28.750	-0.220
1967	28.750	-0.064
1968	28.750	0.133
1969	28.750	-0.196
1970	28.750	-0.583
1971	28.360	-4.425
1972	27.053	-0.150
1973	24.515	0.023
1974	25.408	1.402
1975	25.553	3.873
1976	30.229	2.881
1977	38.277	1.069
1978	43.937	1.089

1979	48.923	1.078
1980	50.062	1.087
1981	61.546	0.870
1982	79.473	0.614
1983	110.780	0.434
1984	146.390	0.347
1985	170.395	0.224
1986	149.587	-0.007
1987	140.882	-0.167
1988	143.954	-0.260
1989	157.458	-0.311
1990	142.555	-0.413
1991	144.482	0.394
1992	134.998	0.282
1993	160.800	0.110
1994	165.993	0.241
1995	151.106	0.290
1996	154.244	0.279
1997	175.312	0.338
1998	180.104	0.396
1999	-	0.444
2000	-	0.509
2001	-	0.657
2002	-	0.733
2003	-	0.701
2004	-	0.583
2005	-	0.452
2006	-	0.331
2007	-	0.227
2008	-	0.133
2009	-	0.095
2010	-	0.097

Source: World Development Indicators, World Bank

TABLE: P-2 Macro Economic Situation - Portugal

Years	Inflation (Annual %)	Domestic Investment (% of GDP)	GDP growth (Annual %)	Gross Savings (% of GDP)
1971	5.017	25.925	6.632	-
1972	7.805	28.535	8.016	-
1973	9.466	31.043	11.201	-
1974	18.865	29.441	1.143	-
1975	16.230	19.313	-4.348	14.566
1976	16.274	24.603	6.900	17.620
1977	26.400	29.907	5.603	21.935
1978	22.348	31.395	2.816	26.482
1979	19.437	30.380	5.639	28.841
1980	20.903	33.782	4.589	28.672
1981	17.609	35.594	1.618	25.163
1982	20.690	35.127	2.135	23.378
1983	24.605	29.113	-0.173	21.570
1984	24.676	22.895	-1.880	18.874
1985	21.735	21.252	2.807	20.711
1986	20.451	23.008	4.141	24.762
1987	10.097	27.185	6.381	27.344
1988	11.165	30.255	7.489	27.909
1989	10.514	28.093	6.441	28.088
1990	13.145	27.525	3.951	26.886
1991	10.086	25.556	4.368	24.287
1992	11.446	24.769	1.089	24.446
1993	7.376	21.989	-2.043	21.954
1994	7.278	22.788	0.965	20.746
1995	3.429	24.022	4.283	23.610
1996	2.342	24.242	3.660	20.720
1997	3.926	26.287	4.383	20.787
1998	3.793	28.177	5.050	21.473
1999	3.296	28.784	4.077	20.486
2000	3.244	28.499	3.926	18.263

2001	3.576	27.785	1.967	17.753
2002	3.740	25.819	0.710	18.029
2003	3.009	23.564	-0.931	17.795
2004	2.468	24.062	1.558	16.559
2005	2.517	23.630	0.757	14.171
2006	2.778	23.134	1.440	12.974
2007	3.182	22.828	2.386	13.195
2008	1.582	23.152	-0.008	10.951
2009	0.545	19.916	-2.506	9.643

Source: World Development Indicators, World Bank

TABLE: P-3 Total Employment & Unemployment - Portugal

Years	Total Employment Rate	Total Unemployment Rate
1974	67.1	-
1975	64.4	-
1976	63.5	-
1977	63.2	-
1978	62.9	-
1979	63.9	-
1980	64.3	-
1981	64.6	-
1982	64.5	-
1983	65.5	8.1
1984	64.1	8.9
1985	63.6	9.1
1986	63	8.8
1987	64.5	7.2
1988	65.9	5.8
1989	66.6	5.2
1990	67.4	4.8
1991	68.6	4.2
1992	66.5	4.1
1993	64.9	5.5

1994	64	6.8
1995	63.2	7.2
1996	63.6	7.2
1997	64.7	6.7
1998	66.8	5.6
1999	67.4	5
2000	68.3	4.5
2001	68.6	4.6
2002	68.1	5.7
2003	67.1	7.1
2004	67.8	7.5
2005	67.5	8.6
2006	67.9	8.6
2007	67.8	8.9
2008	68.2	8.5
2009	66.3	10.6
2010	65.6	12

Source: OECD Factbook 2009 and OECD Factbook 2011-2012

TABLE: P-4 Value Added by Major Sectors - Portugal

Years	Agriculture Value Added (% of GDP)	Industry Value Added (% of GDP)	Service Value Added (% of GDP)
1970	31.19	30.34	38.47
1971	29.59	31.36	39.05
1972	27.73	32.09	40.18
1973	28.21	32.11	39.68
1974	26.40	33.58	40.02
1975	26.77	31.48	41.75
1976	25.15	30.98	43.87
1977	25.15	30.99	43.86
1978	23.67	29.70	46.63
1979	21.88	28.67	49.45
1980	19.57	29.51	50.91

1981	17.53	30.42	52.05
1982	17.25	30.17	52.58
1983	15.97	30.87	53.16
1984	15.97	29.43	54.60
1985	15.41	29.39	55.20
1986	14.03	27.48	58.49
1987	14.51	27.24	58.25
1988	11.67	29.13	59.20
1989	10.28	29.01	60.71
1990	9.18	28.45	62.36
1991	8.37	27.17	64.46
1992	6.92	27.15	65.93
1993	6.60	26.57	66.83
1994	6.19	27.48	66.33
1995	5.80	28.25	65.95
1996	5.54	28.87	65.59
1997	4.64	29.08	66.28
1998	4.30	28.84	66.86
1999	3.99	28.33	67.68
2000	3.78	27.58	68.64
2001	3.60	27.27	69.13
2002	3.32	26.79	69.89
2003	3.25	25.82	70.93
2004	3.17	25.39	71.44
2005	2.84	24.53	72.63
2006	2.93	24.32	72.75
2007	2.65	24.46	72.89

Source: World Development Indicators, World Bank

TABLE: P-5 Value of Oil Imports & Exports - Portugal

Years	Value of Oil Imports (Billion US \$)	Value of Oil Exports (Billion US \$)
1980	1.678	-
1981	1.962	-
1982	1.953	-
1983	1.619	-
1984	1.686	-
1985	1.533	-
1986	0.973	-
1987	1.099	-
1988	0.911	-
1989	1.306	-
1990	1.841	-
1991	2.191	-
1992	2.219	-
1993	1.919	-
1994	2.319	-
1995	2.211	0
1996	2.681	0.396
1997	2.737	0.434
1998	2.048	0.313
1999	2.696	0.377
2000	4.412	0.586
2001	4.33	0.52
2002	4.15	0.617
2003	4.247	0.649
2004	5.079	0.732
2005	7.016	1.14
2006	7.935	1.76
2007	7.812	1.566
2008	10.086	2.127
2009	6.292	1.5

Source: World Development Indicators, World Bank

TABLE: P-6 Foreign Direct Investment Flows - Portugal

Years	Inward FDI flow	Outward FDI flow
	% of GDP	% of GDP
1970	0.362	-
1971	0.617	-
1972	0.659	0.063
1973	0.639	0.296
1974	0.614	0.214
1975	0.605	0.042
1976	0.314	0.026
1977	0.274	0.013
1978	0.285	0.026
1979	0.298	-0.031
1980	0.507	0.038
1981	0.581	0.029
1982	0.518	0.155
1983	0.578	0.074
1984	0.885	0.046
1985	1.098	0.084
1986	0.715	0.049
1987	1.086	-0.024
1988	1.786	0.082
1989	3.028	0.159
1990	3.740	0.210
1991	2.897	0.536
1992	2.091	0.649
1993	1.638	0.157
1994	1.292	0.292
1995	0.588	0.591
1996	1.110	0.602
1997	2.043	1.810
1998	2.452	3.288
1999	0.917	2.531
2000	5.671	6.950

2001	5.191	5.217
2002	1.364	-0.113
2003	4.429	4.079
2004	1.047	4.033
2005	2.055	1.104
2006	5.422	3.551
2007	1.323	2.377
2008	1.850	1.087
2009	1.159	0.350
2010	0.635	-3.766

Source: UNCTAD

TABLE: P-7 Exports & Imports of Goods & Services - Portugal

Years	Exports of Goods&Services	Imports of Goods&Services
	(AG %)	(AG %)
1961	-2.08	24.92
1962	19.15	-8.51
1963	0.60	9.86
1964	40.38	29.46
1965	11.06	9.47
1966	16.32	8.42
1967	3.58	-6.02
1968	-3.39	33.05
1969	2.89	7.60
1970	-3.67	0.88
1971	9.88	14.51
1972	18.55	12.04
1973	4.18	12.65
1974	-15.71	4.76
1975	-15.59	-25.22
1976	0.00	3.40
1977	5.90	12.00
1978	9.09	0.18

1979	32.97	12.58
1980	2.22	6.92
1981	-4.44	2.33
1982	4.67	3.87
1983	13.61	-6.14
1984	11.64	-4.44
1985	6.67	1.41
1986	6.76	16.88
1987	11.21	23.06
1988	8.18	17.98
1989	12.20	5.90
1990	9.49	14.51
1991	1.16	7.24
1992	3.24	10.71
1993	-3.27	-3.30
1994	8.39	8.83
1995	8.84	7.42
1996	7.17	5.84
1997	7.24	10.56
1998	8.20	14.56
1999	3.83	9.00
2000	8.80	5.56
2001	1.81	0.99
2002	2.77	-0.46
2003	3.63	-0.45
2004	4.09	7.59
2005	0.23	2.27
2006	11.59	7.17
2007	7.58	5.51
2008	-0.28	2.82
2009	-11.83	-10.80

Source: World Bank national accounts data, and OECD National Accounts data files.

**TABLE: P-8 Total Residential & Non-Residential Patents & Trademarks -
Portugal**

Years	Patents & Trademarks (AGR %)
1970	10.089
1971	1.784
1972	10.791
1973	-13.013
1974	-23.870
1975	-0.497
1976	-1.949
1977	-44.474
1978	111.960
1979	9.020
1980	15.810
1981	6.394
1982	-10.762
1983	-4.140
1984	5.896
1985	83.584
1986	-28.678
1987	-3.619
1988	34.598
1989	20.126
1990	95.131
1991	-8.229
1992	-3.043
1993	-6.396
1994	1.664
1995	-20.335
1996	-3.548
1997	1.431
1998	-16.418
1999	23.179
2000	16.046

2001	-8.162
2002	-12.321
2003	0.864
2004	-0.863
2005	4.687
2006	14.953
2007	14.960
2008	0.324
2009	-86.090

Source: WIPO

TABLE: S-1 Macro Economic Situation - Spain

Years	Official Exchange Rate	Total Population (AGR %)
1960	60.000	-
1961	60.000	0.948
1962	60.000	1.051
1963	60.000	1.049
1964	60.000	1.051
1965	60.000	1.053
1966	60.000	1.051
1967	61.667	1.053
1968	70.000	1.051
1969	70.000	1.052
1970	70.000	1.053
1971	69.469	1.217
1972	64.271	0.755
1973	58.260	1.051
1974	57.686	0.968
1975	57.407	1.047
1976	66.903	1.188
1977	75.962	1.197
1978	76.668	1.130
1979	67.125	0.897

1980	71.702	0.749
1981	92.322	0.950
1982	109.859	0.535
1983	143.430	0.469
1984	160.761	0.399
1985	170.044	0.353
1986	140.048	0.289
1987	123.478	0.234
1988	116.487	0.212
1989	118.378	0.199
1990	101.934	0.175
1991	103.912	0.265
1992	102.379	0.331
1993	127.260	0.311
1994	133.958	0.269
1995	124.689	0.234
1996	126.662	0.231
1997	146.414	0.264
1998	149.395	0.350
1999	-	0.516
2000	-	0.844
2001	-	1.136
2002	-	1.457
2003	-	1.671
2004	-	1.636
2005	-	1.655
2006	-	1.655
2007	-	1.728
2008	-	1.508
2009	-	0.775
2010	-	0.377

Source: World Development Indicators, World Bank

TABLE: S-2 Macro Economic Situation - Spain

Years	Inflation (Annual %)	Domestic Investment (% of GDP)	GDP growth (Annual %)	Gross Savings (% of GDP)
1971	7.846	25.352	4.649	-
1972	8.518	26.558	8.150	-
1973	11.850	27.906	7.788	-
1974	15.945	30.966	5.619	-
1975	16.782	29.277	0.542	25.856
1976	16.490	27.634	3.304	23.305
1977	23.383	25.637	2.839	23.554
1978	20.631	23.504	1.463	23.987
1979	16.932	22.913	0.042	23.062
1980	13.355	23.699	2.209	21.174
1981	12.351	22.080	-0.132	19.234
1982	13.582	21.960	1.246	19.310
1983	11.884	21.129	1.770	19.153
1984	10.865	20.028	1.785	20.811
1985	8.595	20.245	2.321	21.609
1986	10.879	21.129	3.253	22.471
1987	5.944	22.521	5.547	22.389
1988	5.936	24.649	5.094	23.514
1989	6.896	25.940	4.827	22.988
1990	7.326	26.096	3.781	22.466
1991	6.935	25.299	2.546	21.876
1992	6.711	23.402	0.929	20.066
1993	4.537	20.871	-1.031	19.939
1994	3.880	21.054	2.383	19.452
1995	4.933	21.897	2.757	22.068
1996	3.459	21.705	2.417	21.669
1997	2.384	22.064	3.869	22.508
1998	2.480	23.453	4.468	22.770
1999	2.627	25.122	4.746	22.801
2000	3.453	26.278	5.050	22.561

2001	4.198	26.354	3.648	22.420
2002	4.309	26.630	2.704	23.364
2003	4.143	27.384	3.096	23.805
2004	4.024	28.275	3.267	22.950
2005	4.286	29.481	3.614	22.395
2006	4.123	30.984	4.019	22.283
2007	3.342	30.983	3.574	21.255
2008	2.402	29.088	0.860	19.662
2009	0.601	24.420	-3.723	19.211

Source: World Development Indicators, World Bank

TABLE: S-3 Total Employment & Unemployment - Spain

Years	Total Employment Rate	Total Unemployment Rate
1972	57.8	-
1973	59	-
1974	58.9	-
1975	57.1	-
1976	57.9	-
1977	57.3	-
1978	56	6
1979	54.7	7.7
1980	52.7	9
1981	50.7	11
1982	49.8	13
1983	49	14.3
1984	47.2	16.6
1985	46.2	17.8
1986	46.5	17.5
1987	48.3	16.8
1988	49.6	15.8
1989	50.8	13.9
1990	51.8	13
1991	51.8	13

1992	50.5	14.7
1993	48	18.3
1994	47.4	19.5
1995	48.3	18.4
1996	49.3	17.8
1997	50.7	16.7
1998	52.4	15
1999	55	12.5
2000	57.4	11.1
2001	58.8	10.4
2002	59.5	11.1
2003	60.7	11.1
2004	62	10.6
2005	64.3	9.2
2006	65.7	8.5
2007	66.6	8.3
2008	65.3	11.4
2009	60.6	18
2010	59.4	20.1

Source: OECD Factbook 2009 and OECD Factbook 2011-2012

TABLE: S-4 Value Added by Major Sectors - Spain

Years	Agriculture Value Added (% of GDP)	Industry Value Added (% of GDP)	Service Value Added (% of GDP)
1970	10.92	39.52	49.57
1971	11.48	38.58	49.95
1972	10.83	39.55	49.62
1973	10.54	40.06	49.39
1974	9.88	40.96	49.17
1975	9.71	39.92	50.37
1976	9.17	39.26	51.57
1977	8.96	38.44	52.60
1978	8.77	37.41	53.82

1979	7.75	36.97	55.28
1980	7.25	36.59	56.16
1981	6.25	35.74	58.01
1982	6.34	35.16	58.50
1983	6.22	34.91	58.87
1984	6.53	34.08	59.39
1985	6.18	34.35	59.47
1986	6.02	34.77	59.21
1987	5.99	34.24	59.77
1988	6.09	34.08	59.83
1989	5.65	34.35	60.00
1990	5.56	33.65	60.79
1991	5.19	32.90	61.91
1992	4.59	31.17	64.24
1993	4.85	29.56	65.59
1994	4.82	28.98	66.21
1995	4.50	29.39	66.11
1996	5.09	29.12	65.79
1997	5.01	29.28	65.71
1998	4.86	29.10	66.03
1999	4.47	29.20	66.33
2000	4.38	29.23	66.39
2001	4.26	29.19	66.56
2002	4.02	28.95	67.03
2003	3.96	28.93	67.11
2004	3.62	29.19	67.19
2005	3.18	29.99	66.83
2006	2.87	30.39	66.73
2007	2.91	30.28	66.82

Source: World Development Indicators, World Bank

TABLE: S-5 Value of Oil Imports & Exports - Spain

Years	Value of Oil Imports (Billion US \$)	Value of Oil Exports (Billion US \$)
1980	8.38	0.139
1981	9.786	0.337
1982	9.067	0.733
1983	8.848	1.327
1984	8.239	1.765
1985	8.098	1.951
1986	6.61	1.651
1987	7.935	2.024
1988	6.846	1.799
1989	8.362	2.066
1990	10.258	2.603
1991	10.194	2.592
1992	10.125	1.785
1993	8.773	1.684
1994	8.732	1.503
1995	9.616	1.454
1996	11.169	2.678
1997	11.112	2.621
1998	8.685	2.37
1999	9.851	2.367
2000	18.751	3.994
2001	17.31	3.171
2002	17.774	2.792
2003	21.793	4.49
2004	28.973	6.436
2005	40.003	7.852
2006	51.128	9.478
2007	57.277	10.853
2008	83.855	17.269
2009	47.659	9.479

Source: World Economic Outlook Database (Sept 2011) IMF

TABLE: S-6 Foreign Direct Investment Flows - Spain

Years	Inward FDI flow	Outward FDI flow
	% of GDP	% of GDP
1970	0.558	0.108
1971	0.446	0.055
1972	0.467	0.064
1973	0.511	0.068
1974	0.379	0.090
1975	0.613	0.153
1976	0.415	0.167
1977	0.473	0.090
1978	0.756	0.065
1979	0.670	0.064
1980	0.661	0.138
1981	0.867	0.138
1982	0.937	0.269
1983	0.977	0.147
1984	1.060	0.149
1985	1.121	0.143
1986	1.414	0.155
1987	1.477	0.241
1988	1.922	0.338
1989	2.093	0.366
1990	2.552	0.643
1991	2.074	0.738
1992	2.440	0.401
1993	1.877	0.622
1994	1.801	0.798
1995	1.352	0.783
1996	1.550	1.137
1997	1.561	2.519
1998	2.359	3.369
1999	3.034	7.183
2000	6.815	10.025

2001	4.664	5.435
2002	5.715	4.767
2003	2.922	3.250
2004	2.371	5.796
2005	2.214	3.701
2006	2.495	8.443
2007	4.457	9.505
2008	4.830	4.688
2009	0.624	0.665
2010	1.745	1.536

Source: UNCTAD

TABLE: S-7 Exports & Imports of Goods & Services - Spain

Years	Exports of Goods & Services (AG %)	Imports of Goods & Services (AG %)
1961	7.96	40.13
1962	12.76	34.44
1963	3.84	23.52
1964	24.99	13.00
1965	6.76	32.93
1966	15.51	19.38
1967	-4.62	-3.26
1968	18.41	8.11
1969	15.76	15.99
1970	17.98	7.47
1971	14.20	0.70
1972	13.40	24.30
1973	10.00	16.70
1974	-1.00	8.00
1975	-0.40	-0.90
1976	5.00	9.80
1977	12.10	-5.50
1978	10.70	-1.00

1979	5.60	11.40
1980	2.30	3.22
1981	11.29	-3.61
1982	5.57	4.93
1983	9.61	-1.20
1984	12.04	-1.33
1985	0.67	7.55
1986	0.23	17.18
1987	5.27	24.79
1988	3.82	16.08
1989	1.43	17.72
1990	4.69	9.62
1991	8.25	10.34
1992	7.51	6.82
1993	7.84	-5.23
1994	16.67	11.44
1995	9.40	11.07
1996	10.32	8.83
1997	14.99	13.27
1998	8.02	14.85
1999	7.48	13.65
2000	10.24	10.82
2001	4.18	4.51
2002	1.96	3.74
2003	3.67	6.22
2004	4.18	9.64
2005	2.54	7.73
2006	6.69	10.22
2007	6.72	7.96
2008	-1.11	-5.26
2009	-11.58	-17.81

Source: World Bank national accounts data, and OECD National Accounts data files.

**TABLE: S-8 Total Residential & Non-Residential Patents & Trademarks -
Spain**

Years	Patents & Trademarks (AGR %)
1970	-5.588
1971	5.874
1972	14.980
1973	8.840
1974	-3.544
1975	-15.263
1976	-6.851
1977	6.629
1978	-1.170
1979	4.396
1980	3.655
1981	-7.701
1982	2.108
1983	-27.305
1984	16.459
1985	58.518
1986	9.111
1987	-7.718
1988	23.865
1989	15.391
1990	0.515
1991	-14.238
1992	-8.074
1993	-3.304
1994	0.831
1995	8.581
1996	11.301
1997	7.669
1998	2.956
1999	5.541
2000	14.936

2001	-9.564
2002	-10.988
2003	-19.321
2004	-0.482
2005	3.281
2006	1.850
2007	-2.370
2008	-12.115
2009	-15.060

Source: WIPO

TABLE: U-1 Macro Economic Situation - The UK

Years	Official Exchange Rate	Total Population (AGR %)
1960	0.357	-
1961	0.357	0.829
1962	0.357	0.918
1963	0.357	0.625
1964	0.357	0.683
1965	0.357	0.665
1966	0.357	0.539
1967	0.362	0.578
1968	0.417	0.464
1969	0.417	0.447
1970	0.417	0.308
1971	0.411	0.532
1972	0.400	0.302
1973	0.408	0.225
1974	0.428	0.023
1975	0.452	-0.018
1976	0.557	-0.025
1977	0.573	-0.033
1978	0.522	0.005
1979	0.472	0.090

1980	0.430	0.120
1981	0.498	0.035
1982	0.572	-0.036
1983	0.660	0.034
1984	0.752	0.158
1985	0.779	0.227
1986	0.682	0.232
1987	0.612	0.213
1988	0.562	0.222
1989	0.611	0.261
1990	0.563	0.299
1991	0.567	0.310
1992	0.570	0.271
1993	0.667	0.240
1994	0.653	0.255
1995	0.634	0.265
1996	0.641	0.255
1997	0.611	0.258
1998	0.604	0.292
1999	0.618	0.334
2000	0.661	0.358
2001	0.695	0.366
2002	0.667	0.369
2003	0.612	0.405
2004	0.546	0.506
2005	0.550	0.595
2006	0.543	0.617
2007	0.500	0.645
2008	0.544	0.667
2009	0.642	0.665
2010	0.647	0.675

Source: World Development Indicators, World Bank

TABLE: U-2 Macro Economic Situation - The UK

Years	Inflation (Annual %)	Domestic Investment (% of GDP)	GDP growth (Annual %)	Gross Savin (% of GDP)
1971	9.336	19.652	2.024	21.875
1972	8.103	19.115	3.566	19.583
1973	7.394	22.503	7.128	21.128
1974	14.771	22.753	-1.360	19.015
1975	27.131	19.259	-0.627	17.914
1976	15.245	20.996	2.644	20.226
1977	13.629	20.516	2.394	20.174
1978	11.659	20.166	3.241	20.483
1979	14.580	20.407	2.688	19.266
1980	19.380	17.600	-2.087	18.010
1981	11.258	15.990	-1.216	17.406
1982	7.292	16.635	2.203	16.771
1983	5.426	17.436	3.691	17.345
1984	4.576	18.361	2.692	17.345
1985	5.818	18.245	3.624	17.145
1986	3.420	18.050	4.014	15.944
1987	5.348	18.999	4.562	16.288
1988	6.280	21.385	5.032	16.555
1989	7.324	22.113	2.281	16.418
1990	7.729	20.183	0.779	15.475
1991	6.459	17.174	-1.392	14.774
1992	3.759	16.395	0.147	13.558
1993	2.877	15.943	2.222	13.321
1994	1.582	16.659	4.280	15.215
1995	2.678	17.150	3.052	15.214
1996	3.619	16.880	2.885	15.679
1997	2.788	17.215	3.307	16.753
1998	2.217	18.366	3.607	17.592
1999	2.100	18.090	3.473	15.403
2000	1.185	17.659	3.916	14.635
2001	2.125	17.456	2.461	15.064

2002	3.097	17.077	2.097	15.124
2003	3.073	16.727	2.808	14.948
2004	2.520	17.063	2.951	14.938
2005	2.031	17.053	2.173	14.362
2006	3.052	17.520	2.788	14.043
2007	2.992	18.202	2.685	15.478
2008	2.967	16.690	-0.065	14.892
2009	1.446	13.519	-4.875	11.757

Source: World Development Indicators, World Bank

TABLE: U-3 Total Employment & Unemployment - The UK

Years	Total Employment Rate	Total Unemployment Rate
1971	-	3.4
1972	-	3.7
1973	-	2.7
1974	-	2.6
1975	-	4.1
1976	-	5.4
1977	-	5.8
1978	-	5.7
1979	-	4.7
1980	-	5.8
1981	-	8.8
1982	-	10.1
1983	-	10.9
1984	65.9	10.9
1985	66.7	11.2
1986	67.1	11.3
1987	67.8	10.3
1988	69.9	8.5
1989	72	7.1
1990	72.5	6.9
1991	70.8	8.6

1992	69	9.8
1993	68.2	10.2
1994	68.7	9.3
1995	69.2	8.5
1996	69.7	7.9
1997	70.6	6.8
1998	71	6.1
1999	71.5	5.9
2000	72.2	5.4
2001	72.5	5
2002	72.3	5.1
2003	72.6	5
2004	72.7	4.7
2005	72.6	4.8
2006	72.5	5.4
2007	72.3	5.3
2008	72.7	5.7
2009	70.6	7.6
2010	70.3	7.8

Source: OECD Factbook 2009 and OECD Factbook 2011-2012

TABLE: U - 4 Value Added by Major Sectors - The UK

Years	Agriculture Value Added (% of GDP)	Industry Value Added (% of GDP)	Service Value Added (% of GDP)
1970	2.97	43.70	53.34
1971	2.94	43.03	54.03
1972	2.92	42.51	54.57
1973	2.90	42.08	55.02
1974	2.88	41.56	55.55
1975	2.82	40.42	56.76
1976	2.71	41.01	56.28
1977	2.58	41.24	56.18
1978	2.44	41.39	56.17

1979	2.32	41.73	55.95
1980	2.20	42.25	55.55
1981	2.12	41.79	56.08
1982	2.05	41.39	56.57
1983	1.96	40.78	57.26
1984	1.87	40.26	57.87
1985	1.79	39.63	58.59
1986	1.84	38.96	59.20
1987	1.87	37.84	60.29
1988	1.92	37.00	61.08
1989	1.98	36.40	61.62
1990	1.89	34.92	63.18
1991	1.79	32.90	65.30
1992	1.82	31.66	66.52
1993	1.87	31.02	67.11
1994	1.82	31.39	66.79
1995	1.90	31.63	66.47
1996	1.75	31.42	66.83
1997	1.41	30.63	67.96
1998	1.23	29.16	69.61
1999	1.15	28.20	70.65
2000	1.04	28.04	70.92
2001	0.96	26.98	72.06
2002	0.98	25.58	73.44
2003	1.01	24.43	74.56
2004	0.98	23.88	75.14
2005	0.93	24.19	74.88
2006	0.91	24.01	75.08
2007	0.94	23.08	75.98

Source: World Development Indicators, World Bank

TABLE: U-5 Value of Oil Imports & Exports - The UK

Years	Value of Oil Imports (Billion US \$)	Value of Oil Exports (Billion US \$)
1980	14.381	15.032
1981	12.91	19.18
1982	11.186	19.25
1983	8.918	19.372
1984	11.057	20.224
1985	10.87	21.279
1986	6.67	12.556
1987	7.786	14.416
1988	6.493	11.276
1989	8.366	10.369
1990	11.499	14.41
1991	10.634	12.888
1992	9.82	12.662
1993	9.03	12.953
1994	7.876	13.905
1995	7.989	14.812
1996	9.555	17.067
1997	9.3	16.768
1998	6.586	11.625
1999	7.565	14.763
2000	13.718	23.627
2001	13.716	21.333
2002	13.831	21.5
2003	18.357	23.875
2004	28.039	29.675
2005	40.029	36.033
2006	47.848	42.699
2007	53.619	45.55
2008	70.462	59.697
2009	43.308	38.597

Source: World Economic Outlook Database (Sept 2011) IMF

TABLE: U-6 Foreign Direct Investment Flows -The UK

Years	Inward FDI flow	Outward FDI flow
	% of GDP	% of GDP
1970	1.191	1.342
1971	1.253	1.407
1972	0.744	1.243
1973	1.486	2.719
1974	2.210	2.211
1975	1.403	1.269
1976	1.323	1.909
1977	1.725	1.626
1978	1.164	2.095
1979	1.531	2.968
1980	1.868	1.454
1981	1.142	1.823
1982	1.103	0.755
1983	1.112	1.139
1984	-0.079	1.762
1985	1.221	2.384
1986	1.451	3.032
1987	2.096	4.469
1988	2.416	4.371
1989	3.314	4.091
1990	3.008	1.772
1991	1.406	1.554
1992	1.417	1.625
1993	1.509	2.653
1994	0.872	3.036
1995	1.726	3.765
1996	2.004	2.792
1997	2.445	4.532
1998	5.105	8.436
1999	5.855	13.406
2000	8.038	15.795

2001	3.577	4.001
2002	1.491	3.120
2003	0.902	3.342
2004	2.541	4.133
2005	7.719	3.545
2006	6.390	3.530
2007	6.987	9.690
2008	3.443	6.060
2009	3.279	2.046
2010	2.047	0.491

Source: UNCTAD

TABLE: U-7 Exports & Imports of Goods & Services - The UK

Years	Exports of Goods & Services (AG %)	Imports of Goods & Services (AG %)
1961	3.22	-0.70
1962	1.61	2.09
1963	4.84	4.18
1964	3.78	10.84
1965	4.39	1.12
1966	5.22	2.46
1967	1.00	7.23
1968	12.71	7.94
1969	9.25	2.92
1970	6.29	5.46
1971	6.92	5.38
1972	1.08	9.91
1973	12.30	11.17
1974	7.34	1.16
1975	-2.90	-6.54
1976	9.11	5.16
1977	6.85	1.92
1978	1.86	3.77

1979	3.77	9.64
1980	-0.33	-3.46
1981	-0.49	-2.74
1982	1.11	4.93
1983	2.01	6.56
1984	6.74	9.88
1985	5.85	2.52
1986	4.16	6.87
1987	5.86	7.89
1988	0.60	12.78
1989	4.56	7.42
1990	5.28	0.56
1991	-0.16	-4.41
1992	4.17	6.76
1993	4.48	3.32
1994	9.18	5.92
1995	9.44	5.53
1996	8.78	9.74
1997	8.15	9.71
1998	3.12	9.27
1999	3.74	7.92
2000	9.14	8.95
2001	3.01	4.78
2002	1.00	4.90
2003	1.84	2.16
2004	5.01	6.92
2005	7.90	7.09
2006	11.08	9.11
2007	-2.57	-0.78
2008	1.03	-1.24
2009	-11.10	-12.26

Source: World Bank national accounts data, and OECD National Accounts data files.

**TABLE: U-8 Total Residential & Non-Residential Patents & Trademarks -
The UK**

Years	Patents & Trademarks (AGR %)
1970	-2.651
1971	-2.288
1972	2.826
1973	0.028
1974	-6.510
1975	-5.150
1976	0.156
1977	0.700
1978	-3.092
1979	-6.543
1980	-3.563
1981	-2.623
1982	-3.945
1983	-1.616
1984	-2.055
1985	1.194
1986	24.815
1987	-9.242
1988	7.393
1989	1.379
1990	-2.234
1991	-7.809
1992	0.136
1993	-1.982
1994	9.926
1995	-4.807
1996	-5.891
1997	6.543
1998	3.708
1999	5.170
2000	7.113

2001	-7.629
2002	-2.891
2003	-2.147
2004	-0.843
2005	-0.812
2006	-0.200
2007	0.967
2008	-9.772
2009	-5.208

Source: WIPO