

This document contains three tables listing the estimates of effective tax rates on factor incomes and consumption used in the article "On the Ineffectiveness of Tax Policy in Altering Long-run Growth," by E. Mendoza, G. Milesi-Ferretti and P. Asea (JPubEc., 1997). These estimates were constructed using the methodology developed by Mendoza, Razin and Tesar (JME, 1994).

TABLE 1. CONSUMPTION TAX RATES (Page 1 of 2)

	US	UK	AUSTRIA	BELGIUM	DENMARK	FRANCE	GERMANY	ITALY	NEW ZEALAND
1965	6.392	13.330	17.616	NA	NA	NA	15.870	NA	NA
1966	5.919	13.159	18.150	NA	NA	NA	15.723	NA	NA
1967	5.889	13.148	17.640	NA	NA	NA	16.020	NA	NA
1968	5.841	13.988	19.227	NA	NA	NA	15.770	NA	NA
1969	6.154	15.546	19.971	NA	NA	NA	17.494	NA	NA
1970	6.392	15.108	20.451	19.418	NA	NA	17.271	13.259	NA
1971	6.416	13.962	20.624	19.266	NA	NA	17.017	13.025	8.650
1972	6.202	12.869	21.361	18.073	NA	NA	17.115	11.934	8.502
1973	6.198	11.793	21.274	17.684	NA	NA	16.791	11.581	8.271
1974	6.098	12.524	20.394	17.748	NA	NA	15.503	12.218	7.782
1975	5.799	12.146	19.782	16.618	NA	NA	14.665	10.801	9.150
1976	5.644	12.516	21.068	18.167	NA	NA	14.554	11.282	9.041
1977	5.525	12.562	20.468	17.692	NA	20.841	14.399	12.034	9.132
1978	5.479	11.993	21.052	18.068	NA	21.612	15.356	10.987	9.793
1979	5.313	12.254	21.426	17.551	NA	22.940	15.854	10.862	9.820
1980	5.396	15.062	21.268	17.042	NA	22.302	15.934	11.621	9.519
1981	6.073	14.792	21.744	16.936	32.459	21.277	15.681	11.217	10.448
1982	5.787	16.379	20.892	16.883	31.910	21.585	15.252	11.332	10.735
1983	5.463	16.288	20.955	17.152	33.249	21.326	15.746	12.593	10.999
1984	5.586	17.108	22.509	16.731	33.869	21.355	15.597	12.761	11.376
1985	5.497	17.677	21.872	16.103	33.742	21.711	14.924	11.837	9.928
1986	5.286	17.019	21.732	15.890	37.441	21.360	14.672	13.269	12.437
1987	5.161	17.030	21.593	16.047	36.595	21.401	14.889	13.384	19.875
1988	5.221	17.243	21.303	16.397	36.859	21.450	14.721	14.136	18.197
1989	4.425	16.248	21.092	16.547	35.165	21.073	15.316	13.720	19.609
1990	4.440	16.041	20.756	16.663	34.238	16.267	15.823	15.191	19.198
1991	4.562	17.125	20.410	16.581	33.606	15.403	18.606	15.435	16.106

TABLE 1. CONSUMPTION TAX RATES (Page 2 of 2)

	NETHERL.	NORWAY	SWEDEN	SWITZERL	CANADA	JAPAN	FINLAND	SPAIN	AUSTRALIA
1965	NA	23.910	NA	6.015	12.932	5.802	17.691	NA	NA
1966	NA	24.980	NA	6.050	13.123	5.577	19.232	NA	NA
1967	NA	25.670	NA	6.227	13.364	5.812	20.391	NA	NA
1968	NA	26.190	NA	6.470	12.898	6.020	20.282	NA	NA
1969	NA	28.030	NA	6.652	13.122	6.119	22.091	NA	7.559
1970	15.907	31.510	17.350	7.158	12.724	5.920	23.106	NA	7.592
1971	16.844	33.260	21.281	7.026	13.087	5.523	24.387	NA	7.659
1972	17.858	34.380	21.122	7.383	13.282	5.548	24.203	NA	7.305
1973	18.024	33.400	20.631	7.156	13.745	5.190	24.055	NA	7.655
1974	16.858	31.210	18.186	6.919	12.856	4.673	22.515	NA	7.066
1975	16.777	31.000	17.780	6.942	11.239	4.356	22.199	NA	7.678
1976	17.049	33.490	19.290	7.145	11.554	4.389	22.397	NA	7.286
1977	17.782	33.640	19.562	7.370	11.253	4.521	24.839	NA	7.209
1978	17.765	33.750	20.156	7.691	10.038	4.920	25.497	NA	7.961
1979	17.200	33.560	20.018	7.476	10.209	5.045	25.833	NA	8.770
1980	17.321	36.080	20.675	7.565	10.726	4.861	25.931	5.808	8.825
1981	16.800	36.850	20.892	7.486	13.855	4.973	26.584	6.502	8.586
1982	16.441	36.020	20.129	7.527	13.514	4.794	25.896	6.777	9.039
1983	16.885	37.180	21.853	7.647	12.549	4.674	25.830	7.643	9.512
1984	17.626	37.910	22.847	7.679	12.835	4.735	28.119	9.338	9.868
1985	17.291	40.270	24.053	7.800	12.456	5.117	28.204	9.293	9.624
1986	17.981	38.730	23.480	8.134	12.304	5.026	28.923	11.694	9.370
1987	18.855	38.530	24.144	8.338	12.787	5.105	29.011	12.431	9.388
1988	19.240	34.590	23.982	8.420	13.353	5.187	31.198	12.714	8.841
1989	18.131	34.130	24.841	8.350	13.507	5.520	32.635	12.830	8.476
1990	18.316	33.350	26.140	8.225	12.592	6.142	31.962	12.686	8.079
1991	18.228	33.390	25.671	7.779	10.423	6.212	29.081	13.238	7.036

TABLE 2. CAPITAL INCOME TAX RATES (Page 1 of 2)

	US	UK	AUSTRIA	BELGIUM	DENMARK	FRANCE	GERMANY	ITALY	NEW ZEALAND
1965	36.797	39.263	NA	NA	NA	NA	20.688	NA	NA
1966	38.657	42.390	NA	NA	NA	NA	21.095	NA	NA
1967	42.135	46.985	NA	NA	NA	NA	20.482	NA	NA
1968	39.150	47.185	NA	NA	NA	NA	20.701	NA	NA
1969	46.427	48.613	NA	NA	NA	NA	23.590	NA	NA
1970	48.840	55.777	17.339	22.261	NA	16.979	20.637	NA	NA
1971	42.444	51.055	18.341	24.214	NA	16.099	20.919	NA	NA
1972	43.731	48.124	18.254	25.365	NA	16.782	23.217	NA	NA
1973	42.765	45.878	17.710	27.194	NA	17.390	25.884	NA	NA
1974	47.025	67.350	19.182	29.612	NA	19.771	27.466	NA	NA
1975	45.384	70.470	21.174	33.887	NA	20.222	26.580	NA	NA
1976	43.261	60.532	18.704	33.692	NA	24.147	26.754	NA	NA
1977	45.303	50.787	19.686	36.279	NA	23.276	29.955	NA	NA
1978	43.697	49.732	22.303	38.516	NA	21.767	29.025	NA	NA
1979	44.590	53.186	21.430	39.884	NA	23.059	29.330	NA	NA
1980	46.883	64.322	21.919	38.170	NA	27.311	32.109	20.015	NA
1981	44.878	74.332	23.430	39.130	33.897	28.394	32.206	22.699	NA
1982	45.774	70.863	21.680	40.579	31.767	29.444	32.027	25.057	37.451
1983	39.213	61.624	21.200	38.899	31.477	28.628	29.667	27.118	31.628
1984	37.036	63.726	22.507	39.406	35.828	28.167	29.795	26.202	33.193
1985	37.844	61.852	23.797	39.337	35.720	27.158	31.463	25.283	36.888
1986	38.967	62.697	23.613	38.433	39.608	26.040	29.140	27.795	34.683
1987	40.770	58.772	22.679	38.490	37.906	26.499	28.428	27.012	40.912
1988	39.908	58.722	22.062	36.494	37.751	25.755	27.343	26.680	38.533
1989	41.774	61.535	21.006	34.004	34.702	25.436	28.555	28.499	39.885
1990	41.522	55.748	21.279	35.148	31.108	26.245	24.926	30.400	33.908
1991	42.862	52.252	22.400	35.339	31.048	26.568	28.276	31.285	31.879
1992	NA	48.418	24.342	NA	30.869	23.982	29.866	NA	NA

TABLE 2. CAPITAL INCOME TAX RATES (Page 2+A131 of 2)

	NETHERL.	NORWAY	SWEDEN	SWITZERL	CANADA	JAPAN	FINLAND	SPAIN	AUSTRALIA
1965	NA	NA	NA	13.942	36.848	20.430	23.187	NA	31.335
1966	NA	NA	NA	15.213	36.062	19.503	25.163	NA	29.282
1967	NA	NA	NA	15.030	39.539	19.588	25.724	NA	30.996
1968	NA	NA	NA	16.327	41.435	20.002	25.271	NA	30.540
1969	NA	NA	NA	16.961	46.549	20.940	21.614	NA	32.349
1970	NA	NA	40.108	18.075	45.485	22.313	23.351	NA	35.473
1971	NA	NA	40.134	18.507	44.203	23.991	25.581	NA	35.322
1972	NA	NA	41.067	19.444	44.889	25.342	26.636	NA	32.937
1973	NA	NA	38.140	20.948	41.368	30.231	27.697	NA	36.864
1974	NA	NA	38.143	22.565	42.427	34.941	26.910	NA	45.535
1975	NA	27.320	41.874	25.696	44.016	29.636	33.660	NA	43.498
1976	NA	35.140	50.147	26.805	41.749	29.597	42.710	NA	43.161
1977	NA	43.130	62.188	26.060	42.614	31.151	42.610	NA	45.443
1978	NA	37.530	60.331	25.666	39.625	33.196	34.188	NA	37.493
1979	NA	31.830	50.769	24.869	36.501	33.099	28.936	NA	37.926
1980	NA	39.090	46.885	24.753	37.601	35.983	30.551	12.681	42.835
1981	NA	44.380	52.792	25.780	39.826	37.295	35.284	13.300	46.548
1982	NA	46.420	47.643	26.645	40.913	38.251	33.796	12.975	50.625
1983	NA	40.260	45.022	27.384	37.221	40.288	33.646	14.555	39.892
1984	NA	39.520	43.582	28.091	35.627	41.449	35.068	15.081	42.021
1985	25.514	42.370	48.187	27.700	35.865	41.246	38.177	13.797	43.611
1986	28.338	51.050	56.534	28.562	39.906	43.257	40.809	14.059	46.409
1987	32.197	39.670	59.435	28.133	40.782	48.745	36.376	NA	46.380
1988	31.663	41.000	63.479	30.001	38.995	50.703	40.249	NA	45.156
1989	29.182	30.210	64.491	28.441	42.723	51.873	41.464	NA	48.022
1990	30.685	34.280	73.391	27.612	46.487	51.063	48.067	NA	50.900
1991	33.305	35.870	66.103	26.867	50.023	49.965	57.517	NA	47.470
1992	33.263	NA	53.381	28.019	36.296	53.473	52.831	NA	NA

TABLE 3. LABOR INCOME TAX RATES (Page 1 of 2)

	US	UK	AUSTRIA	BELGIUM	DENMARK	FRANCE	GERMANY	ITALY	NEW ZEALAND
1965	17.539	20.422	NA	NA	NA	NA	28.965	NA	NA
1966	18.197	21.158	NA	NA	NA	NA	30.171	NA	NA
1967	19.909	21.927	NA	NA	NA	NA	30.044	NA	NA
1968	19.967	23.122	NA	NA	NA	NA	30.825	NA	NA
1969	22.108	24.053	NA	NA	NA	NA	31.702	NA	NA
1970	22.628	24.664	31.599	33.374	NA	32.597	31.540	NA	NA
1971	21.678	24.611	31.905	34.124	NA	32.356	32.554	NA	NA
1972	22.135	23.663	32.962	34.976	NA	32.754	34.020	NA	NA
1973	22.594	23.217	33.250	35.920	NA	32.633	36.021	NA	NA
1974	23.984	24.845	34.150	36.816	NA	32.880	36.567	NA	NA
1975	24.604	27.382	33.177	40.076	NA	34.524	36.370	NA	NA
1976	24.246	29.005	33.385	39.521	NA	35.963	37.903	NA	NA
1977	25.823	28.576	34.436	41.237	NA	37.036	38.960	NA	NA
1978	26.034	26.307	37.590	42.598	NA	37.101	38.529	NA	NA
1979	26.938	24.523	37.546	42.967	NA	39.007	38.031	NA	NA
1980	27.597	25.046	38.275	42.012	NA	40.207	38.276	33.847	NA
1981	28.635	25.969	39.529	42.347	38.398	39.960	37.853	34.067	NA
1982	29.172	27.950	39.220	44.344	38.357	40.941	38.292	36.712	27.362
1983	27.965	27.689	39.288	44.885	41.004	42.642	38.757	38.445	26.594
1984	27.470	27.084	40.395	46.896	40.661	44.060	39.278	37.860	25.365
1985	28.307	26.766	41.253	48.292	42.821	44.245	40.354	38.184	26.947
1986	28.261	26.893	41.120	47.947	42.793	44.624	40.726	40.624	27.439
1987	28.948	26.530	40.570	49.141	44.483	45.580	41.014	40.289	25.198
1988	28.538	26.729	40.929	48.539	44.540	45.513	41.174	40.744	25.531
1989	29.144	24.989	39.206	47.352	44.718	45.990	41.641	41.750	25.676
1990	29.105	24.504	39.607	47.119	43.711	45.780	40.210	42.183	24.992
1991	29.267	24.477	39.992	46.216	44.202	46.466	45.391	42.811	23.999
1992	NA	24.777	41.062	NA	45.531	46.807	46.878	NA	NA

TABLE 3. LABOR INCOME TAX RATES (Page 2 of 2)

	NETHERL.	NORWAY	SWEDEN	SWITZERL	CANADA	JAPAN	FINLAND	SPAIN	AUSTRALIA
1965	NA	NA	NA	18.045	12.482	15.133	17.580	NA	10.960
1966	NA	NA	NA	19.018	15.066	15.375	18.511	NA	10.973
1967	NA	NA	NA	19.180	16.335	15.934	20.573	NA	11.780
1968	NA	NA	NA	20.144	17.810	16.168	21.720	NA	11.444
1969	NA	NA	NA	21.862	19.967	16.595	22.251	NA	12.467
1970	NA	NA	36.800	21.900	21.195	16.954	23.500	NA	12.384
1971	NA	NA	36.006	21.646	21.392	17.362	25.921	NA	13.058
1972	NA	NA	38.245	21.830	22.033	18.079	26.610	NA	12.406
1973	NA	NA	37.226	25.450	21.309	18.715	28.541	NA	13.528
1974	NA	NA	40.583	27.039	22.823	18.478	29.052	NA	15.414
1975	NA	38.860	42.223	29.419	22.480	18.101	30.480	NA	16.019
1976	NA	38.190	45.098	31.384	23.234	18.782	33.258	NA	16.799
1977	NA	37.770	46.538	31.968	22.131	19.509	33.283	NA	16.781
1978	NA	38.140	48.375	31.927	22.154	20.672	29.850	NA	15.751
1979	NA	40.000	48.658	31.539	22.439	21.571	29.183	NA	16.543
1980	NA	39.650	47.389	31.258	22.954	22.632	28.753	29.823	16.852
1981	NA	39.990	48.100	31.023	24.213	23.703	30.508	30.724	17.693
1982	NA	38.700	48.046	31.229	24.434	24.165	29.912	31.294	17.564
1983	NA	38.710	48.420	31.838	25.691	24.455	30.050	33.360	17.213
1984	NA	37.490	48.310	32.978	24.899	24.320	31.639	34.384	18.617
1985	52.398	37.280	47.722	32.791	25.896	25.511	33.346	34.197	18.462
1986	51.414	37.580	49.409	33.367	27.165	26.090	35.351	34.381	19.386
1987	52.481	38.440	50.397	32.731	29.092	26.541	32.276	NA	19.281
1988	53.581	39.840	51.895	33.053	28.017	26.571	34.533	NA	18.972
1989	50.939	41.420	52.944	32.694	28.762	27.547	33.508	NA	17.852
1990	49.796	40.600	53.011	32.691	30.344	29.363	34.101	NA	17.409
1991	52.776	41.050	47.998	32.573	31.789	28.773	33.593	NA	16.392
1992	52.649	NA	46.856	33.673	32.928	27.910	34.643	NA	NA