

Actual annual working time in France and in Europe in 2013

Update to the January 2012 study plus new data

Summary of the Working Paper N.49 : "La durée effective du travail en France et en Europe" (June 2014)

At the beginning of 2012, we published a set of previously unpublished data on the actual annual working time in countries of the European Union, calculated by Eurostat, at the request of Coe-Rexecode, using Labor Force Surveys (Working Document No. 29, January 2012). The results were based on the period 1998 – 2010. The data remedies the fact that "the average number of work hours actually worked per week in the principal activity" published by Eurostat on its web site does not allow a determination of the actual annual working time, meaning the time actually devoted to production and which takes into account non-working periods. In point of fact, people with jobs but who had not worked during the week they were questioned about because, for example, they were on annual leave, are excluded from the denominator on the calculation of the average. This leads to a seeming increase in the average number of hours actually worked per week in the principal sector.

This new working document presents the updated results for the years 2011, 2012 and 2013 as well as additional data requested from Eurostat. **The latest surveys support all of our previous conclusions.**

According to Eurostat's Labor Force survey, out of the 28 countries of the European Union, **the actual working time of full-time salaried employees in 2013 was the weakest in Finland (1,648 hours) and in France (1,661 hours)** and was the highest in Greece (2,010 hours) and in Romania (2,099 hours). The actual average annual working time of full-time salaried employees was 1,781 hours in Italy, 1,847 hours in Germany and 1,900 hours in the United Kingdom.

For **part-time salaried employees** in the countries of the European Union, the actual average working time in 2013 was the weakest in Portugal (808 hours) and in Denmark (843 hours) and was the highest in Hungary (1,146 hours) and in Romania (1,272 hours). The actual average annual working time for part-time salaried employees was 851 hours in Germany (46% of the working time of a full-time salaried employee), 864 hours in the United Kingdom (45% of a full-time employee), 993 hours in France (almost 60% of the working time of a full-time employee) and 1,012 hours in Italy (58% of a full-time employee).

Lastly, in 2013, **for full-time non-salaried workers**, the actual average annual working time among the 28 European countries was the lowest in Bulgaria (1,744 hours) and in Estonia (2,005 hours) and was the highest in Austria (2,479 hours) and in Belgium (2,659 hours). In all the European countries, the non-salaried work longer than the salaried but in noticeably different proportions. The actual average annual working time for full-time non-salaried workers was 2,038 hours in the United Kingdom (+7% in comparison to a full-time salaried employee), 2,151 hours in Italy (+21% in comparison to a full-

time salaried employee), 2,399 hours in Germany (+27% in comparison to a full-time salaried employee) and 2,372 hours in France (+43% in comparison to a full-time salaried employee).

The **actual average annual working time for all salaried employees** (both full-time and part-time) can also be calculated. For all salaried employees, full-time and part-time, the actual average annual working time in 2013 is 1,536 hours for France, 1,580 hours for Germany, 1,636 hours for Italy and 1,637 hours for the United Kingdom. This is a question of working time averages between very different categories. These depend as much on the differences in employment structures between countries (the proportion of part-time workers and full-time workers is very different from one country to another) as they do on the differences in working times of workers placed in comparable situations. They are, therefore, ambiguous as they mix a message on working times and a message on the choices or the constraints of part-time work in the different countries. The two subjects are important but they fall under different analyses and, probably, different policies.

We are also publishing, for France and Germany, the first available data on the actual average working time of full-time salaried employees by business sector calculated by Eurostat and based on the Labor Forces Survey. The actual working time of full-time salaried employees in 2013 is the highest in the agricultural sector (1,767 hours) and the market services sector (1,729 hours). It is a little more than 1,660 hours in the industry and construction sectors. It is significantly weaker in the non-market sectors (1,589 hours or 72 hours less than the economy average). A hierarchy similar to that of France can be found for Germany. The actual average annual working time is weaker in France in all business sectors but especially in the non-market sector (a difference of 218 hours between France and Germany).

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Actual annual working time in countries of the European Union (1998-2013)

Annexe to the working paper N.49 (june 2014)

Full time employees

Part time employees

All salaried employees

Full-time-non-salaried workers

Source Eurostat, «Labor Force Survey »

Actual annual working time in France and in Europe in 2013

Actual average annual working time for full-time employees

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Belgium	1896	1737	1733	1757	1763	1769	1751	1709	1725	1738	1752	1719	1765	1768	1767	1765
Bulgaria	n.d.	n.d.	n.d.	2005	2006	1964	2007	1997	2000	1989	1978	1913	1976	1972	1955	1954
Czech Rep.	2124	2157	2128	2029	1984	1971	2029	1959	1961	1954	1967	1926	1936	1912	1898	1881
Denmark	1646	1783	1666	1709	1776	1713	1710	1719	1702	1708	1711	1692	1730	1750	1743	1744
Germany	2026	2028	2017	2023	2026	2003	2003	1953	1974	1959	1945	1879	1904	1886	1863	1847
Estonia	2055	2026	1974	2005	2058	2012	2077	2056	2047	2047	2009	1889	1946	1987	1958	1932
Ireland	1981	1979	1972	1965	1938	1927	1901	1835	1862	1837	1827	1779	1799	1810	1810	1825
Greece	2021	2056	2065	2043	2059	2048	2051	2013	2012	1990	1982	1958	1971	1997	2008	2010
Spain	1935	2001	1940	1934	1952	1907	1938	1799	1807	1783	1799	1793	1798	1803	1792	1805
France	1915	1950	1864	1870	1842	1712	1708	1661	1660	1659	1672	1640	1679	1682	1681	1661
Croatia	n.d.	n.d.	n.d.	n.d.	2006	2052	2040	2009	1996	1976	1980	1982	2003	2001	1973	1954
Italy	1923	1928	1937	1924	n.s.	1912	1902	1793	1815	1827	1821	1776	1813	1815	1783	1781
Cyprus	n.d.	1943	1949	1929	1896	1872	1872	1874	1868	1883	1891	1878	1911	1916	1959	1926
Latvia	2195	2199	2217	2198	2189	2189	2126	2144	2097	2065	1982	1947	1945	1960	1945	1935
Lithuania	2015	n.d.	1987	1965	2016	1967	1961	1935	1934	1956	1960	1906	1928	1908	1911	1894
Luxembourg	1995	1993	2001	1979	1994	1815	1826	1824	1756	1788	1717	1851	1797	1794	1825	1811
Hungary	2043	2085	2030	2062	2070	2028	2044	2009	2005	2005	2014	2004	2021	2010	1969	1969
Malta	n.d.	n.d.	2163	1767	2063	1973	2061	1999	1972	2006	2023	2023	1985	1937	1943	1944
Netherlands	1875	1863	1846	1861	1756	1814	1777	1786	1810	1806	1791	1788	1795	1815	1813	1815
Austria	1952	1986	1980	1991	1982	1986	1946	1899	1901	1903	1904	1835	1840	1846	1833	1816
Poland	2177	2152	2033	2012	2040	2036	2053	2042	2029	2021	2000	1973	1975	1971	1958	1943
Portugal	1976	2012	1954	1960	1936	1902	1964	1898	1896	1874	1858	1854	1877	1852	1835	1834
Romania	2104	2099	2143	2148	2167	2171	2154	2132	2114	2121	2112	2091	2095	2103	2103	2099
Slovenia	1899	1954	1918	1873	1906	1941	1927	1887	1849	1854	1816	1786	1811	1807	1805	1840
Slovakia	2059	2056	2053	2052	2036	2043	2038	2010	1971	1974	1960	1901	1930	1938	1929	1934
Finland	1772	1716	1675	1657	1686	1643	1685	1677	1677	1671	1678	1632	1670	1667	1658	1648
Sweden	1721	1842	1839	1674	1693	1645	1699	1674	1673	1687	1691	1660	1719	1718	1697	1685
United Kingdom	1965	1960	1940	1944	1939	1918	1910	1875	1872	1877	1857	1861	1856	1872	1893	1900

Source: Eurostat

Actual average annual working time for part-time employees

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Belgium	1051	976	1012	975	1017	1020	1039	1023	1027	1042	1053	1044	1068	1059	1086	1073
Bulgaria	n.d.	n.d.	n.d.	957	919	927	1014	951	971	989	908	819	902	887	880	938
Czech Rep.	1263	1293	1244	1250	1147	1139	1156	1131	1110	1085	1083	1080	1043	1045	1027	1024
Denmark	851	897	857	915	810	853	854	818	818	876	869	868	857	844	843	843
Germany	916	901	900	900	899	897	887	866	890	877	880	867	883	853	851	851
Estonia	1061	1074	978	1104	995	1093	1100	1076	1069	1066	1059	1062	1059	1057	1025	994
Ireland	908	890	889	905	903	887	879	868	883	881	883	875	872	892	894	903
Greece	1030	1048	1085	1066	1026	1036	1028	1027	1031	996	985	997	1031	1028	1025	1027
Spain	859	892	877	874	898	875	894	883	880	884	887	879	879	888	868	867
France	1066	1105	1052	1101	1096	986	1014	981	991	989	985	962	978	982	987	993
Croatia	n.d.	n.d.	n.d.	n.d.	998	998	1066	1013	1048	978	1058	1073	1072	1140	1059	1058
Italy	1114	1124	1160	1142	n.s.	1129	1020	994	1042	1022	1034	1016	1042	1040	1023	1012
Cyprus	n.d.	1091	1034	1036	1056	1035	1001	989	960	953	996	993	959	957	967	967
Latvia	1128	1175	1189	1105	1186	1175	1162	1108	1054	1050	994	1071	1048	1049	1035	1009
Lithuania	1107	n.d.	980	1072	1053	1006	1015	998	1087	1070	1057	1026	1036	1047	1042	1023
Luxembourg	995	1042	1058	1030	1019	897	922	930	937	951	923	919	928	980	1009	1003
Hungary	1201	1215	1164	1217	1233	1222	1213	1168	1182	1192	1232	1211	1226	1188	1177	1146
Malta	n.d.	n.d.	1285	945	1100	1106	1527	1037	1040	1040	1091	1051	1049	1035	1015	1063
Netherlands	901	902	824	830	858	892	881	887	900	902	906	913	920	931	926	931
Austria	1049	1049	1051	1065	1061	1054	959	914	928	940	947	923	926	920	922	932
Poland	1228	1188	1107	1156	1170	1162	1134	1163	1129	1111	1079	1071	1077	1090	1091	1074
Portugal	946	1006	952	978	999	962	980	956	946	927	931	926	931	807	799	808
Romania	1141	1241	1241	1367	1399	1189	1250	1260	1181	1219	1250	1184	1200	1167	1249	1272
Slovenia	841	858	926	858	894	876	826	866	845	878	912	932	902	914	895	919
Slovakia	1202	1168	1161	1179	1151	1124	1101	1046	1046	1067	1044	1099	1008	954	977	953
Finland	918	940	926	909	899	893	899	896	898	897	873	846	890	879	857	846
Sweden	1037	1079	1029	940	966	946	982	1030	1050	1066	1044	1040	1065	1063	1066	1051
United Kingdom	814	826	830	846	845	841	842	832	832	835	827	828	836	843	852	864

Source: Eurostat

Actual annual working time in France and in Europe in 2013

Actual average annual working time for all salaried workers

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Belgium	1745	1587	1584	1598	1605	1600	1582	1544	1554	1570	1579	1546	1584	1576	1582	1580
Bulgaria	n.d.	n.d.	n.d.	1981	1986	1949	1989	1981	1985	1976	1964	1897	1959	1953	1935	1933
Czech Rep.	2076	2112	2084	1993	1948	1933	1991	1923	1924	1917	1929	1887	1891	1873	1856	1834
Denmark	1462	1592	1486	1547	1575	1529	1515	1519	1491	1509	1502	1474	1496	1511	1509	1511
Germany	1823	1813	1797	1793	1790	1761	1752	1690	1694	1679	1670	1615	1637	1613	1597	1580
Estonia	1995	1967	1915	1947	1996	1956	2019	1995	1985	1982	1954	1816	1866	1908	1879	1857
Ireland	1790	1785	1780	1778	1756	1741	1715	1659	1686	1658	1644	1581	1583	1587	1586	1598
Greece	1977	2005	2026	2008	2019	2011	2006	1968	1964	1941	1935	1906	1914	1934	1929	1923
Spain	1849	1907	1853	1846	1864	1819	1841	1687	1695	1675	1687	1672	1671	1670	1648	1643
France	1761	1797	1721	1738	1717	1584	1585	1540	1540	1538	1551	1518	1550	1553	1553	1536
Croatia	n.d.	n.d.	n.d.	n.d.	1992	2038	2027	1994	1983	1965	1969	1970	1992	1991	1963	1942
Italy	1862	1862	1865	1850	n.s.	1840	1792	1689	1711	1714	1705	1662	1691	1688	1646	1636
Cyprus	n.d.	1908	1905	1888	1865	1831	1826	1828	1824	1841	1849	1831	1858	1857	1887	1846
Latvia	2120	2132	2147	2131	2127	2122	2058	2088	2056	2022	1937	1886	1876	1893	1877	1879
Lithuania	1954	n.d.	1915	1900	1943	1903	1909	1890	1881	1907	1915	1852	1874	1847	1847	1835
Luxembourg	1898	1891	1890	1870	1879	1687	1676	1665	1614	1635	1571	1692	1648	1649	1676	1663
Hungary	2015	2056	2002	2035	2043	1997	2010	1977	1974	1973	1981	1963	1979	1956	1917	1917
Malta	n.d.	n.d.	2112	1708	1978	1892	2016	1906	1879	1901	1919	1919	1873	1824	1823	1818
Netherlands	1495	1480	1419	1418	1360	1395	1363	1365	1382	1374	1363	1357	1356	1369	1358	1357
Austria	1812	1831	1823	1832	1805	1811	1739	1686	1684	1688	1684	1614	1615	1616	1601	1585
Poland	2119	2095	1973	1952	1979	1975	1989	1981	1970	1963	1947	1919	1919	1918	1905	1890
Portugal	1923	1960	1905	1915	1890	1853	1916	1850	1849	1820	1805	1802	1827	1778	1754	1751
Romania	2088	2087	2130	2138	2162	2165	2145	2125	2107	2116	2107	2086	2089	2095	2096	2093
Slovenia	1849	1908	1877	1829	1858	1886	1852	1823	1785	1791	1754	1718	1734	1735	1736	1771
Slovakia	2040	2038	2037	2030	2019	2022	2013	1985	1945	1950	1935	1870	1891	1894	1887	1886
Finland	1676	1624	1587	1570	1591	1550	1586	1576	1574	1570	1578	1530	1565	1558	1546	1538
Sweden	1556	1653	1660	1524	1543	1485	1529	1515	1518	1532	1520	1495	1546	1548	1535	1525
United Kingdom	1684	1681	1666	1671	1667	1646	1638	1619	1617	1623	1605	1601	1592	1610	1624	1637

Source: Eurostat

Actual average annual working time for full-time non-salaried workers

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Belgium	2335	n.d.	n.d.	2248	2210	2209	2166	2150	2185	2315	2281	2220	2402	2470	2480	2659
Bulgaria	n.d.	n.d.	n.d.	2082	2136	2022	2026	1898	1915	1932	1733	1600	1754	1789	1772	1744
Czech Rep.	2731	2691	2640	2587	2553	2512	2570	2484	2452	2428	2437	2352	2348	2304	2242	2182
Denmark	2468	2468	2518	2452	2536	2359	2376	2319	2266	2268	2267	2243	2250	2322	2297	2290
Germany	2828	2840	2812	2801	2768	2657	2652	2543	2575	2559	2516	2471	2459	2448	2416	2399
Estonia	2627	2511	2496	2518	2465	2389	2329	2244	2221	2205	2184	2041	2108	2120	2099	2005
Ireland	2832	2785	2769	2587	2571	2528	2499	2355	2407	2360	2290	2232	2240	2270	2268	2322
Greece	2426	2478	2398	2401	2426	2446	2460	2375	2366	2340	2343	2330	2344	2347	2337	2369
Spain	2300	2365	2325	2312	2336	2272	2298	2071	2028	2019	2031	2045	2074	2065	2011	2015
France	2691	2658	2664	2654	2655	2569	2559	2565	2556	2548	2495	2440	2453	2439	2440	2372
Croatia	n.d.	n.d.	n.d.	n.d.	2301	2293	2299	2184	2223	2232	2179	2179	2190	2200	2192	2134
Italy	2252	2255	2243	2235	n.s.	2224	2284	2161	2206	2229	2207	2173	2189	2184	2131	2151
Cyprus	n.d.	2345	2366	2356	2327	2359	2396	2354	2332	2278	2218	2175	2199	2162	2124	2126
Latvia	2799	2919	2756	2744	2514	2467	2549	2420	2404	2297	2172	2161	2141	2180	2049	2033
Lithuania	2488	n.d.	2175	2141	2074	1994	2020	1960	2073	2097	2159	2104	2091	2097	2103	2070
Luxembourg	2719	2728	2738	2818	2685	2692	2629	2667	2593	2647	2466	2298	2064	2156	2214	2060
Hungary	2331	2390	2347	2332	2349	2326	2341	2213	2204	2198	2199	2176	2146	2140	2091	2090
Malta	n.d.	n.d.	2307	2001	2445	2284	2585	2289	2263	2276	2290	2299	2324	2230	2237	2278
Netherlands	2853	2834	2558	2498	2515	2545	2503	2429	2446	2400	2333	2293	2289	2298	2258	2254
Austria	2718	2699	2690	2698	2638	2639	2692	2680	2699	2700	2670	2583	2551	2595	2540	2479
Poland	2576	2208	2481	2388	2459	2465	2525	2415	2384	2367	2347	2293	2242	2238	2238	2231
Portugal	2476	2482	2401	2397	2378	2291	2368	2296	2297	2269	2255	2210	2224	2269	2226	2136
Romania	2165	2171	2178	2147	2199	2184	2203	2117	2086	2078	2071	2050	2068	2054	2031	2024
Slovenia	2703	2688	2646	2566	2539	2506	2517	2483	2364	2371	2387	2318	2240	2203	2240	2196
Slovakia	n.d.	n.d.	n.d.	2433	2362	2308	2373	2314	2275	2296	2248	2178	2209	2207	2189	2176
Finland	2483	2529	2402	2372	2392	2389	2371	2273	2245	2250	2236	2169	2192	2207	2179	2140
Sweden	2330	2380	2394	2309	2296	2222	2268	2237	2263	2229	2221	2159	2199	2192	2181	2152
United Kingdom	2284	2259	2220	2203	2176	2162	2126	2072	2070	2045	2023	2006	2016	2038	2035	2038

Source: Eurostat