

**Relating Lung Cancer mortality
to previous smoking habits.
Within-country analysis**

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Notes for Tables 1 to 30:

Prevalence = Prevalence of smoking (%), total cigarettes, 20 years earlier.

Consumption = Consumption of total cigarettes per adult, 20 years earlier.

Cons tar adj = Consumption of total cigarettes per adult, 20 years earlier, square root tar adjusted.

N = Number of data pairs

R = Pearson correlation coefficient

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Table L5.1
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

Australia

	1946- 1950	1951- 1955	1956- 1960	1961- 1965	1966- 1970	1971- 1975	1976- 1980	1981- 1985	1986- 1990	1991- 1995	1996- 2000	N	R
Males Age 45-49													
Mortality rate	14.8	18.9	21.7	23.8	29.2	34.8	32.1	26.8	23.7	17.8	14.4		
Prevalence										48.2	45.4	2	
Consumption										13.6	12.4	2	
Cons tar adj										9.4	7.9	2	
Males Age 60-64													
Mortality rate	79.6	96.3	137.5	179.7	204.7	219.5	215.5	210.2	199.8	174.8	146.8		
Prevalence										46.3	42.1	2	
Consumption										14.4	13.8	2	
Cons tar adj										10.0	8.8	2	
Males Age 75-79													
Mortality rate	58.5	109.0	171.7	243.1	357.1	465.9	528.4	515.1	494.1	437.7	427.1		
Prevalence										39.2	36.6	2	
Consumption										12.1	10.7	2	
Cons tar adj										8.4	6.8	2	
Females Age 45-49													
Mortality rate	3.9	3.3	3.5	5.4	7.1	9.7	10.2	9.7	10.8	10.5	9.3		
Prevalence										35.7	34.8	2	
Consumption										8.5	8.2	2	
Cons tar adj										5.9	5.2	2	
Females Age 60-64													
Mortality rate	14.3	12.1	14.3	16.1	22.7	32.9	46.5	52.8	59.0	59.6	56.2		
Prevalence										33.6	30.8	2	
Consumption										8.4	7.9	2	
Cons tar adj										5.8	5.0	2	
Females Age 75-79													
Mortality rate	21.9	26.3	25.7	34.0	37.2	43.5	56.4	80.2	102.1	134.5	138.6		
Prevalence										24.9	23.7	2	
Consumption										6.9	6.2	2	
Cons tar adj										4.8	3.9	2	

Table L5.2
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

Austria

Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		37.0	33.0	25.7	27.9	33.0	36.0	31.7	35.2	35.9	30.9		
Prevalence						93.7	82.4	71.1	59.8	48.5	51.0	6	0.00
Consumption										13.8	14.0	2	
Cons tar adj										10.1	9.1	2	
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		238.5	279.9	297.2	262.5	219.7	205.6	205.4	218.1	199.1	160.8		
Prevalence						85.2	74.8	64.4	54.0	43.6	39.1	6	0.69
Consumption										14.5	14.7	2	
Cons tar adj										10.6	9.6	2	
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		282.0	294.0	362.2	454.8	555.5	596.0	524.4	447.7	408.1	363.6		
Prevalence						75.9	66.7	57.5	48.3	39.1	38.4	6	0.93
Consumption										11.8	12.0	2	
Cons tar adj										8.6	7.8	2	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		5.5	5.1	6.1	5.3	5.6	4.5	6.5	9.6	14.0	14.3		
Prevalence						40.3	35.2	30.2	25.1	20.0	27.5	6	-0.80
Consumption										3.7	5.3	2	
Cons tar adj										2.7	3.5	2	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		17.8	26.0	24.2	25.7	27.6	29.6	33.8	37.5	37.4	39.5		
Prevalence						28.5	24.5	20.6	16.6	12.6	17.1	6	-0.92
Consumption										2.9	4.2	2	
Cons tar adj										2.1	2.7	2	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		38.9	52.0	54.6	55.8	60.3	74.7	78.5	75.1	84.9	84.5		
Prevalence						17.5	15.2	12.9	10.5	8.2	11.6	6	-0.84
Consumption										1.7	2.4	2	
Cons tar adj										1.2	1.6	2	

Table L5.3
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

Belgium

Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		32.7	36.8	39.8	40.0	49.1	49.2	49.8	50.4	44.5			
Prevalence								77.7	74.6	71.6	56.2	3	0.82
Consumption											14.1	0	
Cons tar adj											10.2	0	
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		145.7	192.1	265.8	299.2	331.5	358.2	356.4	335.4	302.8			
Prevalence								70.6	67.8	65.1	51.1	3	0.99
Consumption											14.8	0	
Cons tar adj											10.7	0	
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		124.4	143.5	244.1	374.8	550.7	745.1	853.0	839.7	802.4			
Prevalence								62.9	60.5	58.0	38.9	3	0.97
Consumption											9.2	0	
Cons tar adj											6.7	0	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		5.4	5.1	5.3	4.7	6.2	7.6	7.9	9.7	11.7			
Prevalence								18.4	15.8	13.1	33.1	3	-1.00
Consumption											5.6	0	
Cons tar adj											4.1	0	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		14.4	15.3	16.4	18.2	19.1	24.0	28.4	35.6	41.0			
Prevalence								17.7	13.5	9.3	23.4	3	-1.00
Consumption											4.4	0	
Cons tar adj											3.2	0	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		36.6	30.6	36.0	35.4	46.9	44.0	51.2	55.7	66.5			
Prevalence								13.9	9.8	5.7	14.3	3	-0.97
Consumption											2.0	0	
Cons tar adj											1.5	0	

Table L5.5
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

Canada

Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	21.5	17.4	22.1	24.8	31.2	34.0	35.8	32.9	34.0	27.4	20.6		
Prevalence							82.6	62.0	58.6	54.5	49.4	5	0.78
Consumption								16.9	16.1	15.3	14.6	4	0.90
Cons tar adj								14.7	12.5	10.9	9.6	4	0.86
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	76.3	89.1	126.8	158.0	187.6	215.4	233.0	258.0	264.2	236.5	207.6		
Prevalence							80.0	65.0	58.7	49.6	44.9	5	0.36
Consumption								17.8	17.0	16.3	15.3	4	0.91
Cons tar adj								15.5	13.2	11.6	10.0	4	0.85
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	64.1	105.5	153.0	214.2	286.0	398.4	496.3	548.0	584.6	566.5	548.1		
Prevalence							75.3	58.6	53.6	48.2	42.9	5	-0.75
Consumption								15.3	14.5	14.5	13.3	4	0.12
Cons tar adj								13.3	11.2	10.3	8.7	4	0.01
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	3.7	4.0	4.2	5.9	7.8	12.1	15.3	18.8	21.7	21.8	20.8		
Prevalence									42.2	41.6	39.6	3	0.95
Consumption								9.0	9.4	9.9	10.4	4	0.53
Cons tar adj								7.8	7.3	7.0	6.8	4	-0.75
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	12.2	13.7	13.6	18.9	22.4	38.8	56.0	76.8	92.1	106.4	110.5		
Prevalence									40.4	39.9	37.9	3	-0.80
Consumption								9.0	9.5	9.8	10.4	4	0.95
Cons tar adj								7.8	7.4	7.0	6.8	4	-1.00
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	33.8	31.4	31.9	33.1	36.8	52.4	69.5	101.5	151.5	185.8	207.0		
Prevalence									28.4	29.6	30.0	3	0.99
Consumption								5.9	6.6	7.3	7.9	4	0.99
Cons tar adj								5.1	5.1	5.2	5.2	4	0.76

Table L5.7
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

Denmark

Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		23.4	24.5	28.9	26.9	27.6	31.6	26.0	25.1	24.3	23.1		
Prevalence						31.2	53.9	49.7	49.9	52.7	51.6	6	-0.11
Consumption						8.5	8.1	7.8	8.6	9.0	9.1	6	-0.65
Cons tar adj						8.5	7.8	7.0	7.8	8.3	7.9	6	-0.03
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		99.4	145.4	190.5	220.8	235.0	236.7	268.9	241.2	230.5	198.6		
Prevalence						25.3	49.1	45.2	45.4	50.2	47.2	6	-0.08
Consumption						7.6	7.9	8.2	8.6	8.9	8.9	6	-0.44
Cons tar adj						7.6	7.6	7.3	7.8	8.2	7.8	6	-0.51
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		96.3	119.1	219.8	268.2	415.0	523.0	612.0	578.6	553.2	522.9		
Prevalence						18.3	43.7	40.3	39.4	40.4	42.2	6	0.79
Consumption						3.2	4.9	6.6	6.4	6.5	7.1	6	0.82
Cons tar adj						3.2	4.7	5.9	5.8	6.0	6.2	6	0.85
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		3.8	4.0	5.3	10.1	15.2	22.1	28.3	23.2	24.8	24.9		
Prevalence						51.1	51.5	42.3	44.6	48.0	49.7	6	-0.67
Consumption						7.4	6.6	5.8	6.6	7.2	7.3	6	-0.61
Cons tar adj						7.4	6.3	5.2	6.0	6.6	6.4	6	-0.86
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		23.1	20.5	20.6	31.4	40.5	57.9	93.3	108.8	140.6	147.5		
Prevalence						32.3	39.9	40.5	42.4	48.0	48.4	6	0.95
Consumption						4.8	5.3	5.8	6.4	7.1	7.1	6	0.99
Cons tar adj						4.8	5.1	5.2	5.8	6.5	6.2	6	0.95
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		28.9	39.9	48.5	58.7	75.2	88.6	110.2	154.4	181.0	212.7		
Prevalence						18.1	26.8	31.8	32.4	33.8	36.3	6	0.86
Consumption						2.4	3.5	4.5	4.6	4.9	5.1	6	0.87
Cons tar adj						2.4	3.4	4.0	4.2	4.5	4.4	6	0.85

Table L5.8
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

Finland

Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		41.8	48.1	50.4	49.5	38.4	30.5	23.6	24.1	16.7	13.1		
Prevalence								58.8	55.6	49.8	41.6	4	0.96
Consumption								13.6	12.6	11.6	10.5	4	0.94
Cons tar adj								12.5	10.9	9.2	7.6	4	0.94
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		245.6	307.4	328.2	359.2	335.8	328.4	305.7	249.6	186.2	144.8		
Prevalence							63.9	61.7	56.3	47.9	29.5	5	0.95
Consumption							13.5	14.3	13.5	12.6	8.4	5	0.82
Cons tar adj							13.1	13.2	11.7	10.0	6.1	5	0.94
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		269.8	316.0	425.4	498.7	554.4	674.5	652.0	573.5	508.9	498.3		
Prevalence							61.0	54.4	49.6	39.6	26.4	5	0.93
Consumption							11.0	10.9	9.8	8.6	7.0	5	0.94
Cons tar adj							10.7	10.0	8.5	6.8	5.1	5	0.97
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		4.7	4.5	4.7	5.9	4.3	4.5	3.8	4.5	6.7	6.2		
Prevalence									23.8	30.3	25.6	3	0.86
Consumption										4.8	4.4	2	
Cons tar adj										3.8	3.2	2	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		20.1	13.8	16.1	15.6	17.9	26.4	30.2	28.6	28.1	29.1		
Prevalence									16.5	17.8	15.8	3	-0.98
Consumption										2.7	3.1	2	
Cons tar adj										2.1	2.2	2	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		43.1	43.1	38.0	35.1	44.3	48.5	49.3	59.8	69.1	79.4		
Prevalence									8.7	11.1	8.5	3	-0.10
Consumption										1.3	1.5	2	
Cons tar adj										1.0	1.1	2	

Table L5.9
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

France

Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	15.9	17.9	20.5	23.2	26.7	33.1	42.5	42.3	45.2	50.3	52.4		
Prevalence						75.1	92.0	71.3	67.1	62.9	58.6	6	-0.59
Consumption								13.3	12.9	12.4	11.9	4	-0.99
Cons tar adj								11.7	10.9	9.7	8.5	4	-0.98
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	51.1	71.8	110.0	136.8	154.4	164.4	187.9	191.0	220.9	222.2	200.7		
Prevalence						72.8	83.7	64.8	61.3	57.7	54.2	6	-0.62
Consumption								13.9	13.4	12.8	12.3	4	-0.25
Cons tar adj								12.2	11.3	10.1	8.8	4	-0.17
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	45.4	73.1	113.0	161.4	209.6	270.9	337.0	372.9	396.2	392.8	377.0		
Prevalence						73.2	77.3	57.8	54.0	50.2	46.5	6	-0.79
Consumption								11.3	10.5	9.6	8.8	4	-0.10
Cons tar adj								9.9	8.9	7.5	6.3	4	-0.05
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	4.7	4.2	3.7	3.8	3.1	3.7	3.9	4.0	5.1	7.3	9.5		
Prevalence						23.5	22.1	20.8	26.7	32.7	38.6	6	0.99
Consumption								1.6	2.3	3.0	3.8	4	0.99
Cons tar adj								1.4	1.9	2.4	2.7	4	0.97
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	14.0	14.9	15.0	14.5	14.3	13.4	14.5	17.1	21.0	22.6	24.3		
Prevalence						20.0	17.8	15.5	19.4	23.3	27.2	6	0.73
Consumption								1.6	2.0	2.5	2.9	4	0.97
Cons tar adj								1.4	1.7	2.0	2.1	4	0.98
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	16.5	23.1	28.2	32.8	32.0	32.0	31.8	37.3	41.4	46.1	51.3		
Prevalence						11.0	11.8	12.6	13.9	15.2	16.6	6	0.99
Consumption								1.7	1.7	1.7	1.6	4	-0.80
Cons tar adj								1.5	1.4	1.3	1.1	4	-0.98

Table L5.10
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

Germany

Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		27.0	26.7	26.8	26.4	29.9	34.8	31.0	34.8	32.0	29.5		
Prevalence					73.5	78.8	74.7	68.8	69.6	58.6	56.2	7	0.02
Consumption											13.2	1	
Cons tar adj											8.3	1	
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		140.9	195.8	232.8	229.1	215.7	212.5	212.7	221.1	226.9	187.2		
Prevalence					66.9	71.7	67.9	62.5	63.3	50.7	47.5	7	0.45
Consumption											13.1	1	
Cons tar adj											8.2	1	
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		112.7	163.4	250.3	351.3	473.9	541.9	540.2	487.0	461.6	440.4		
Prevalence					59.6	63.9	60.5	55.7	56.4	46.1	42.9	7	0.13
Consumption											10.6	1	
Cons tar adj											6.6	1	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		4.6	5.0	5.2	5.0	5.0	5.4	5.8	7.8	11.2	13.0		
Prevalence					31.4	32.0	34.0	30.5	42.5	43.9	43.6	7	0.89
Consumption											7.6	1	
Cons tar adj											4.8	1	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		16.8	17.8	22.0	20.6	20.8	23.4	28.5	33.2	38.3	38.2		
Prevalence					22.2	22.6	24.0	21.6	30.0	29.7	27.1	7	0.81
Consumption											5.1	1	
Cons tar adj											3.2	1	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		31.0	35.0	40.9	43.7	44.5	53.1	56.5	62.4	74.2	84.6		
Prevalence					13.6	13.9	14.7	13.2	18.5	18.4	18.6	7	0.85
Consumption											3.2	1	
Cons tar adj											2.0	1	

Table L5.16
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

Italy

Males	1946-1950	1951-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	N	R
Age 45-49													
Mortality rate		23.1	24.4	28.0	36.2	46.8	51.4	47.7	42.6	34.7	29.1		
Prevalence					82.0	79.3	76.7	52.3	58.3	64.4	69.4	7	-0.05
Consumption					10.6	10.1	9.7	9.6	10.8	11.9	11.6	7	-0.89
Cons tar adj					10.6	10.1	9.4	8.9	9.5	9.9	9.0	7	-0.09
Males	1946-1950	1951-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	N	R
Age 60-64													
Mortality rate		58.6	109.2	159.1	199.5	209.1	244.2	279.9	299.1	264.7	217.6		
Prevalence					79.3	71.4	63.5	56.5	57.5	58.5	65.9	7	-0.91
Consumption					11.1	10.8	10.5	10.1	11.4	12.6	13.1	7	-0.13
Cons tar adj					11.1	10.8	10.2	9.4	10.0	10.4	10.1	7	-0.74
Males	1946-1950	1951-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	N	R
Age 75-79													
Mortality rate		39.6	63.3	100.6	168.7	287.6	367.9	470.8	508.3	517.9	542.1		
Prevalence					63.0	61.4	59.7	51.8	51.9	52.1	60.6	7	-0.70
Consumption					9.0	8.6	8.2	8.2	9.2	10.2	11.1	7	0.51
Cons tar adj					9.0	8.6	8.0	7.6	8.1	8.4	8.6	7	-0.51
Females	1946-1950	1951-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	N	R
Age 45-49													
Mortality rate		4.1	4.7	5.5	5.2	5.8	5.8	6.2	6.7	7.7	7.7		
Prevalence					11.3	9.4	7.4	24.4	24.8	25.3	34.2	7	0.84
Consumption					0.9	0.7	0.5	0.5	4.2	7.8	4.0	7	0.87
Cons tar adj					0.9	0.7	0.5	0.5	3.7	6.5	3.1	7	0.84
Females	1946-1950	1951-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	N	R
Age 60-64													
Mortality rate		12.7	15.5	17.5	20.8	20.1	25.5	28.3	31.6	31.1	29.1		
Prevalence					10.8	8.9	7.1	24.0	21.0	17.9	21.6	7	0.77
Consumption					0.9	0.7	0.5	0.5	3.3	6.1	2.4	7	0.68
Cons tar adj					0.9	0.7	0.5	0.5	2.9	5.1	1.9	7	0.67
Females	1946-1950	1951-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	N	R
Age 75-79													
Mortality rate		18.4	24.1	34.1	36.3	43.9	49.1	59.2	66.6	76.2	78.8		
Prevalence					8.5	7.0	5.5	17.6	14.3	11.0	13.8	7	0.59
Consumption					0.7	0.6	0.4	0.4	2.0	3.6	1.5	7	0.71
Cons tar adj					0.7	0.6	0.4	0.4	1.8	3.0	1.2	7	0.67

Table L5.17
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

Japan

Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	2.1	3.9	6.3	7.9	8.1	9.8	11.5	11.1	11.5	13.9	14.9		
Prevalence					81.8	80.8	79.9	78.5	80.1	83.1	81.4	7	0.24
Consumption								17.4	15.7	18.6	19.9	4	0.88
Cons tar adj								15.2	12.4	13.6	13.7	4	-0.16
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	13.7	21.0	41.4	59.1	70.5	77.9	89.2	97.6	106.1	109.2	93.8		
Prevalence					85.7	82.7	79.7	82.5	81.8	78.5	73.8	7	-0.49
Consumption							17.5	18.3	16.6	19.4	20.9	5	-0.12
Cons tar adj							16.2	16.0	13.1	14.2	14.4	5	-0.72
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	21.3	24.8	62.1	108.8	144.5	207.1	290.2	373.4	408.2	443.6	460.3		
Prevalence					81.8	78.8	75.7	78.0	77.0	73.0	73.0	7	-0.86
Consumption							15.8	14.9	13.7	16.7	17.0	5	0.31
Cons tar adj							14.6	13.0	10.8	12.2	11.7	5	-0.83
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	1.1	2.2	4.0	4.6	5.1	5.2	5.5	5.4	5.6	6.8	7.2		
Prevalence					10.9	10.9	10.8	8.9	10.0	10.8	16.1	7	0.71
Consumption								1.2	1.3	1.5	2.1	4	0.89
Cons tar adj								1.1	1.0	1.1	1.4	4	0.79
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	4.1	7.6	14.1	19.2	23.1	22.4	25.8	27.0	25.6	26.7	27.8		
Prevalence					13.7	13.7	13.7	12.4	15.5	13.4	14.4	7	-0.04
Consumption								1.7	1.9	2.1	2.6	4	0.63
Cons tar adj								1.5	1.5	1.5	1.8	4	0.76
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	4.5	7.7	20.4	33.5	43.4	54.7	75.5	92.0	99.3	105.6	104.4		
Prevalence					17.4	17.4	17.4	16.4	20.0	17.4	16.0	7	0.02
Consumption								2.3	2.6	2.7	3.2	4	0.79
Cons tar adj								2.0	2.1	2.0	2.2	4	0.28

Table L5.19
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

New Zealand

Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	19.4	26.1	27.8	29.2	31.0	28.2	31.5	26.8	21.6	16.6	13.1		
Prevalence								55.5	52.5	49.5	42.5	4	0.95
Consumption								17.4	15.3	13.1	11.0	4	1.00
Cons tar adj								16.1	13.4	10.8	8.5	4	1.00
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	71.4	122.3	152.0	191.6	220.6	212.8	229.2	216.0	213.8	173.8	162.6		
Prevalence								58.1	51.5	45.0	43.8	4	0.92
Consumption								18.3	16.3	14.4	12.4	4	0.94
Cons tar adj								16.9	14.3	11.9	9.5	4	0.94
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	86.3	135.1	226.6	286.6	403.0	482.9	521.3	542.0	514.7	445.8	409.5		
Prevalence								55.5	47.8	40.1	56.7	4	0.09
Consumption								14.9	15.1	15.2	15.4	4	-0.96
Cons tar adj								13.8	13.2	12.5	11.8	4	0.99
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	0.0	5.8	3.9	8.7	6.3	12.4	15.0	12.5	17.2	12.9	11.7		
Prevalence								56.7	47.0	37.3	37.8	4	0.20
Consumption								9.9	7.9	5.9	8.1	4	-0.09
Cons tar adj								9.2	6.9	4.9	6.2	4	0.03
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	12.4	9.3	15.9	23.7	28.3	49.4	60.9	66.0	81.3	89.7	84.0		
Prevalence								54.3	45.1	35.9	35.3	4	-0.94
Consumption								9.9	7.9	5.9	7.9	4	-0.96
Cons tar adj								9.2	6.9	4.9	6.1	4	-0.99
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate	26.0	29.2	39.7	26.5	37.6	68.4	84.5	102.4	115.5	140.3	158.2		
Prevalence								42.6	33.3	24.0	30.6	4	-0.75
Consumption								7.7	6.1	4.6	5.9	4	-0.69
Cons tar adj								7.1	5.3	3.8	4.5	4	-0.83

Table L5.20
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

Norway

Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		10.3	10.0	12.5	16.9	15.6	18.3	20.0	21.7	16.2	17.1		
Prevalence						62.8	57.4	52.1	52.0	52.0	54.2	6	-0.57
Consumption										8.6	8.7	2	
Cons tar adj										7.3	6.9	2	
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		40.5	67.3	79.8	91.3	100.8	113.2	139.1	138.3	150.3	142.9		
Prevalence						57.1	52.2	47.3	48.2	49.0	49.9	6	-0.89
Consumption										8.8	8.6	2	
Cons tar adj										7.5	6.8	2	
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		34.5	51.7	66.5	114.0	149.5	232.0	268.2	296.6	318.8	357.8		
Prevalence						50.9	46.8	42.8	43.2	43.7	43.2	6	-0.89
Consumption								7.2	7.6	7.9	7.4	4	0.29
Cons tar adj								6.7	6.8	6.7	5.8	4	-0.85
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		2.7	2.8	3.2	4.2	5.6	6.7	11.8	8.1	13.5	17.1		
Prevalence						37.1	39.0	41.0	49.9	58.8	52.4	6	0.71
Consumption										5.4	5.8	2	
Cons tar adj										4.6	4.6	2	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		12.7	10.5	12.9	14.4	17.8	21.9	33.2	48.8	62.1	67.0		
Prevalence						26.2	27.6	29.0	35.2	41.5	40.7	6	0.99
Consumption										4.5	5.1	2	
Cons tar adj										3.8	4.0	2	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		20.9	19.1	21.5	25.3	32.7	31.7	48.2	63.0	83.4	100.5		
Prevalence						16.1	15.2	14.4	20.0	25.5	28.2	6	0.96
Consumption										3.0	3.2	2	
Cons tar adj										2.5	2.5	2	

Table L5.25
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

Sweden

Males	1946-1950	1951-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	N	R
Age 45-49													
Mortality rate		9.8	8.7	11.2	11.9	14.5	14.7	16.5	14.8	14.0	10.1		
Prevalence								51.7	46.3	46.5	35.6	4	0.99
Consumption								7.9	4.9	6.7	6.6	4	0.18
Cons tar adj								7.4	4.2	5.3	4.7	4	0.60
Males	1946-1950	1951-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	N	R
Age 60-64													
Mortality rate		59.0	75.5	86.0	91.5	96.5	101.3	105.3	98.5	106.3	94.7		
Prevalence								46.2	42.1	40.1	35.0	4	0.68
Consumption								6.8	5.1	5.2	6.5	4	-0.11
Cons tar adj								6.4	4.4	4.1	4.6	4	0.32
Males	1946-1950	1951-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	N	R
Age 75-79													
Mortality rate		51.4	84.2	123.6	169.8	262.7	319.8	278.5	253.4	238.8	254.7		
Prevalence								39.2	36.2	37.1	29.4	4	0.30
Consumption								4.2	3.3	4.1	5.0	4	0.08
Cons tar adj								4.0	2.8	3.3	3.5	4	0.70
Females	1946-1950	1951-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	N	R
Age 45-49													
Mortality rate		4.6	3.9	4.5	5.0	5.3	7.8	10.1	13.3	13.9	12.0		
Prevalence								38.8	46.5	48.6	43.3	4	1.00
Consumption								4.4	4.4	6.4	6.9	4	0.37
Cons tar adj								4.1	3.8	5.1	4.8	4	0.30
Females	1946-1950	1951-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	N	R
Age 60-64													
Mortality rate		16.5	18.2	16.2	18.4	22.0	26.9	36.3	41.8	51.5	59.4		
Prevalence								29.0	32.9	34.4	33.0	4	0.71
Consumption								3.5	3.5	4.0	5.3	4	0.92
Cons tar adj								3.3	3.0	3.2	3.7	4	0.65
Females	1946-1950	1951-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	N	R
Age 75-79													
Mortality rate		26.7	33.2	37.9	42.0	55.2	53.8	57.1	66.8	82.6	101.7		
Prevalence								14.8	19.4	21.9	23.0	4	0.91
Consumption								1.4	1.7	2.6	3.5	4	1.00
Cons tar adj								1.3	1.5	2.1	2.5	4	0.99

Table L5.26
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

Switzerland

Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		29.9	27.9	27.0	34.1	37.9	37.0	31.3	27.5	27.5	22.5		
Prevalence							46.3	46.1	45.9	45.7	39.3	5	0.74
Consumption							5.1	9.0	12.9	16.8	13.7	5	-0.83
Cons tar adj							4.9	8.2	11.1	12.1	8.5	5	-0.64
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		123.2	148.9	192.8	216.4	233.3	221.5	236.8	225.5	183.2	154.9		
Prevalence							35.9	37.6	39.3	41.1	34.6	5	0.23
Consumption							5.4	8.8	12.2	15.6	13.1	5	-0.63
Cons tar adj							5.2	8.1	10.5	11.2	8.1	5	-0.21
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		155.4	184.2	212.2	267.2	366.9	406.8	468.9	458.3	412.3	367.9		
Prevalence							17.7	24.7	31.6	38.6	30.7	5	-0.09
Consumption							4.4	7.3	10.2	13.1	8.9	5	0.00
Cons tar adj							4.3	6.7	8.7	9.4	5.5	5	0.42
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		4.6	2.2	4.0	3.2	5.2	6.1	7.2	9.3	12.3	12.0		
Prevalence										47.7	38.2	2	
Consumption										9.0	9.1	2	
Cons tar adj										6.5	5.6	2	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		12.2	12.1	14.0	14.9	18.8	22.2	23.6	30.9	41.5	34.3		
Prevalence										27.2	25.5	2	
Consumption										6.4	5.4	2	
Cons tar adj										4.6	3.3	2	
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-	N	R
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000		
Mortality rate		25.0	30.5	25.3	29.9	37.3	40.0	42.1	54.0	70.1	63.7		
Prevalence										19.0	14.2	2	
Consumption										4.3	2.2	2	
Cons tar adj										3.1	1.4	2	

Table L5.27
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

United Kingdom (Total cigarettes)

	1946-1950	1951-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	N	R
Males Age 45-49													
Mortality rate	58.4	58.7	59.4	56.8	53.4	50.8	39.9	32.1	27.6	22.8	18.5		
Prevalence								68.9	62.8	56.6	48.3	4	1.00
Consumption										13.8	11.8	2	
Cons tar adj										10.5	8.3	2	
Males Age 60-64													
Mortality rate	207.9	253.2	333.3	369.4	373.3	354.5	334.6	300.4	268.5	207.2	164.2		
Prevalence								62.7	58.7	54.7	47.4	4	0.98
Consumption										14.4	12.7	2	
Cons tar adj										11.0	8.9	2	
Males Age 75-79													
Mortality rate	136.4	198.6	324.2	450.3	597.4	722.8	804.6	771.2	711.6	627.9	553.0		
Prevalence								55.8	54.1	52.3	47.0	4	0.96
Consumption										12.1	11.3	2	
Cons tar adj										9.2	7.9	2	
Females Age 45-49													
Mortality rate	7.7	8.9	10.5	13.8	16.4	18.7	16.3	14.6	14.0	14.1	13.9		
Prevalence	18.1	29.0	39.8	41.5	43.2	44.8	46.5	49.0	47.8	49.5	46.6	11	0.79
Consumption										9.1	8.9	2	
Cons tar adj										6.9	6.2	2	
Females Age 60-64													
Mortality rate	25.0	28.4	32.9	42.2	51.3	67.6	87.0	98.4	112.9	95.5	81.3		
Prevalence	17.3	27.8	38.2	41.1	44.1	47.0	49.9	52.9	55.0	53.1	47.2	11	0.89
Consumption										9.2	9.2	2	
Cons tar adj										7.0	6.5	2	
Females Age 75-79													
Mortality rate	39.5	43.6	49.4	58.4	73.5	90.0	113.2	145.4	176.0	202.1	225.7		
Prevalence	13.6	21.8	29.9	31.1	32.4	33.7	34.9	39.6	44.9	44.5	43.7	11	0.88
Consumption										7.4	7.9	2	
Cons tar adj										5.6	5.5	2	

Table L5.27a
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

United Kingdom (Manufactured cigarettes)

Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-		
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	N	R
Mortality rate	58.4	58.7	59.4	56.8	53.4	50.8	39.9	32.1	27.6	22.8	18.5		
Prevalence					72.0	68.3	66.2	58.7	59.1	52.1	46.8	7	0.97
Consumption					10.1	11.7	11.3	10.8	11.7	11.8	10.4	7	-0.15
Cons tar adj					9.7	11.0	10.6	9.8	9.9	9.0	7.3	7	0.72
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-		
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	N	R
Mortality rate	207.9	253.2	333.3	369.4	373.3	354.5	334.6	300.4	268.5	207.2	164.2		
Prevalence					71.2	65.6	65.5	59.4	57.4	50.8	43.3	7	0.99
Consumption					11.6	12.8	13.7	12.6	12.4	11.5	10.4	7	0.68
Cons tar adj					11.1	12.0	12.9	11.5	10.5	8.7	7.3	7	0.90
Males	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-		
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	N	R
Mortality rate	136.4	198.6	324.2	450.3	597.4	722.8	804.6	771.2	711.6	627.9	553.0		
Prevalence					58.8	58.4	58.4	53.0	51.1	46.6	42.4	7	0.57
Consumption					9.5	10.4	11.2	10.3	9.9	9.8	8.8	7	0.93
Cons tar adj					9.1	9.8	10.5	9.4	8.4	7.5	6.2	7	0.82
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-		
Age 45-49	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	N	R
Mortality rate	7.7	8.9	10.5	13.8	16.4	18.7	16.3	14.6	14.0	14.1	13.9		
Prevalence					53.1	50.4	52.4	49.6	49.8	49.3	45.8	7	0.56
Consumption					4.2	4.9	5.7	6.1	7.1	8.5	8.1	7	-0.80
Cons tar adj					4.0	4.6	5.4	5.6	6.0	6.5	5.7	7	-0.76
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-		
Age 60-64	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	N	R
Mortality rate	25.0	28.4	32.9	42.2	51.3	67.6	87.0	98.4	112.9	95.5	81.3		
Prevalence					43.5	43.0	49.8	53.6	55.0	53.5	46.8	7	0.94
Consumption					3.5	4.3	5.8	6.8	7.8	8.9	7.9	7	0.81
Cons tar adj					3.3	4.0	5.5	6.2	6.6	6.8	5.5	7	0.95
Females	1946-	1951-	1956-	1961-	1966-	1971-	1976-	1981-	1986-	1991-	1996-		
Age 75-79	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	N	R
Mortality rate	39.5	43.6	49.4	58.4	73.5	90.0	113.2	145.4	176.0	202.1	225.7		
Prevalence					34.1	33.7	39.1	42.0	43.1	42.8	42.9	7	0.90
Consumption					2.7	3.3	4.5	5.2	5.8	6.4	7.4	7	0.99
Cons tar adj					2.6	3.1	4.2	4.7	4.9	4.9	5.2	7	0.91

Table L5.28
Lung Cancer mortality rates (per 100,000 per year) and smoking habits 20 years
earlier, by age, period and sex, showing Pearson correlation coefficients

USA

Males Age 45-49	1946- 1950	1951- 1955	1956- 1960	1961- 1965	1966- 1970	1971- 1975	1976- 1980	1981- 1985	1986- 1990	1991- 1995	1996- 2000	N	R
Mortality rate	24.7	27.9	32.1	37.6	44.2	51.2	50.6	45.7	39.6	32.1	26.5		
Prevalence		66.1	60.5	54.9	65.4	62.7	61.7	61.2	56.3	48.6	43.4	10	0.51
Consumption					17.1	17.5	15.8	17.3	16.7	14.8	14.6	7	0.78
Cons tar adj					17.1	17.7	14.9	14.4	13.0	11.0	9.9	7	0.90
Males Age 60-64	1946- 1950	1951- 1955	1956- 1960	1961- 1965	1966- 1970	1971- 1975	1976- 1980	1981- 1985	1986- 1990	1991- 1995	1996- 2000	N	R
Mortality rate	96.3	119.2	157.5	184.6	220.4	242.0	259.8	264.2	272.1	258.9	228.6		
Prevalence		48.1	50.6	53.1	61.2	59.2	56.2	58.1	52.8	47.1	45.2	10	0.33
Consumption					16.1	18.7	16.5	18.1	18.0	17.2	16.2	7	0.55
Cons tar adj					16.1	19.0	15.6	15.1	14.0	12.8	11.0	7	-0.04
Males Age 75-79	1946- 1950	1951- 1955	1956- 1960	1961- 1965	1966- 1970	1971- 1975	1976- 1980	1981- 1985	1986- 1990	1991- 1995	1996- 2000	N	R
Mortality rate	88.0	111.7	156.3	215.9	306.5	404.5	462.8	521.2	548.2	543.1	522.5		
Prevalence		38.3	40.2	42.2	47.9	45.2	47.1	50.9	45.8	38.3	38.5	10	0.32
Consumption					12.1	12.7	12.5	14.8	14.6	14.0	13.5	7	0.84
Cons tar adj					12.1	12.9	11.8	12.4	11.4	10.4	9.1	7	-0.52
Females Age 45-49	1946- 1950	1951- 1955	1956- 1960	1961- 1965	1966- 1970	1971- 1975	1976- 1980	1981- 1985	1986- 1990	1991- 1995	1996- 2000	N	R
Mortality rate	4.5	5.1	6.7	9.4	13.9	19.2	22.9	23.9	22.8	20.2	16.9		
Prevalence		26.8	37.2	47.6	43.2	35.9	41.2	41.3	41.1	37.4	35.3	10	0.32
Consumption					8.3	7.2	7.7	9.8	10.5	9.3	9.7	7	0.27
Cons tar adj					8.3	7.3	7.3	8.2	8.2	6.9	6.6	7	0.13
Females Age 60-64	1946- 1950	1951- 1955	1956- 1960	1961- 1965	1966- 1970	1971- 1975	1976- 1980	1981- 1985	1986- 1990	1991- 1995	1996- 2000	N	R
Mortality rate	16.9	15.7	17.1	21.8	32.6	51.5	75.1	97.7	118.0	127.6	126.3		
Prevalence		14.8	29.5	44.3	34.8	32.2	40.4	40.0	38.6	37.2	38.3	10	0.48
Consumption					5.6	6.5	7.9	10.3	10.7	11.3	9.3	7	0.93
Cons tar adj					5.6	6.6	7.5	8.6	8.3	8.4	6.3	7	0.62
Females Age 75-79	1946- 1950	1951- 1955	1956- 1960	1961- 1965	1966- 1970	1971- 1975	1976- 1980	1981- 1985	1986- 1990	1991- 1995	1996- 2000	N	R
Mortality rate	32.2	33.5	32.6	34.9	43.9	60.0	82.8	119.4	175.8	228.2	252.3		
Prevalence		7.6	15.2	22.8	17.4	13.3	22.0	25.5	25.5	29.1	31.0	10	0.83
Consumption					2.4	2.2	3.9	5.4	6.4	8.5	8.4	7	0.98
Cons tar adj					2.4	2.2	3.7	4.5	5.0	6.3	5.7	7	0.95

Table L5.31
Summary of Pearson correlation coefficients, relating Lung Cancer mortality to prevalence of smoking 20 years earlier, within 30 countries.

	Males						Females					
	45-49		60-64		75-79		45-49		60-64		75-79	
	N	R	N	R	N	R	N	R	N	R	N	R
Australia	2		2		2		2		2		2	
Austria	6	0.00	6	0.69	6	0.93	6	-0.80	6	-0.92	6	-0.84
Belgium	3	0.82	3	0.99	3	0.97	3	-1.00	3	-1.00	3	-0.97
Bulgaria	0		0		0		0		0		0	
Canada	5	0.78	5	0.36	5	-0.75	3	0.95	3	-0.80	3	0.99
Czechoslovakia	1		1		2		1		1		1	
Denmark	6	-0.11	6	-0.08	6	0.79	6	-0.67	6	0.95	6	0.86
Finland	4	0.96	5	0.95	5	0.93	3	0.86	3	-0.98	3	-0.10
France	6	-0.59	6	-0.62	6	-0.79	6	0.99	6	0.73	6	0.99
Germany	7	0.02	7	0.45	7	0.13	7	0.89	7	0.81	7	0.85
Greece	5	0.10	5	0.34	5	-0.62	3	-1.00	3	-0.61	3	0.85
Hungary	3	0.17	4	-0.46	4	-0.11	3	0.99	3	0.99	3	1.00
Iceland	0		0		0		0		0		0	
Ireland	3	0.97	3	1.00	3	0.97	3	0.97	3	0.84	3	-0.93
Israel	4	0.41	4	-0.94	4	-0.20	3	-1.00	3	-0.61	3	-0.56
Italy	7	-0.05	7	-0.91	7	-0.70	7	0.84	7	0.77	7	0.59
Japan	7	0.24	7	-0.49	7	-0.86	7	0.71	7	-0.04	7	0.02
Netherlands	5	0.96	5	0.92	5	0.71	5	0.35	5	0.45	5	0.53
NewZealand	4	0.95	4	0.92	4	0.09	4	0.20	4	-0.94	4	-0.75
Norway	6	-0.57	6	-0.89	6	-0.89	6	0.71	6	0.99	6	0.96
Poland	5	-0.73	5	-0.82	5	-0.83	5	0.96	5	0.96	5	0.79
Portugal	2		2		2		2		2		2	
Romania	3	0.05	3	1.00	3	-0.07	3	0.93	3	0.73	3	1.00
Spain	3	0.95	3	0.30	3	0.97	3	0.97	3	0.99	3	-0.70
Sweden	4	0.99	4	0.68	4	0.30	4	1.00	4	0.71	4	0.91
Switzerland	5	0.74	5	0.23	5	-0.09	2		2		2	
UK	4	1.00	4	0.98	4	0.96	11	0.79	11	0.89	11	0.88
USA	10	0.51	10	0.33	10	0.32	10	0.32	10	0.48	10	0.83
USSR	0		0		0		0		0		0	
Yugoslavia	2		3	1.00	3	0.13	1		1		1	
UK (Manufactured Cigs)	7	0.97	7	0.99	7	0.57	7	0.56	7	0.94	7	0.90

Table L5.32
Summary of Pearson correlation coefficients, relating Lung Cancer mortality to consumption 20 years earlier, within 30 countries.

	Males						Females					
	45-49		60-64		75-79		45-49		60-64		75-79	
	N	R	N	R	N	R	N	R	N	R	N	R
Australia	2		2		2		2		2		2	
Austria	2		2		2		2		2		2	
Belgium	0		0		0		0		0		0	
Bulgaria	0		0		0		0		0		0	
Canada	4	0.90	4	0.91	4	0.12	4	0.53	4	0.95	4	0.99
Czechoslovakia	0		0		0		0		0		0	
Denmark	6	-0.65	6	-0.44	6	0.82	6	-0.61	6	0.99	6	0.87
Finland	4	0.94	5	0.82	5	0.94	2		2		2	
France	4	-0.99	4	-0.25	4	-0.10	4	0.99	4	0.97	4	-0.80
Germany	1		1		1		1		1		1	
Greece	5	0.99	5	-0.51	5	0.74	1		1		1	
Hungary	3	0.98	3	1.00	3	0.82	3	1.00	3	0.98	3	0.95
Iceland	0		0		0		0		0		0	
Ireland	4	0.10	4	-0.05	4	-0.01	4	-0.25	4	-0.74	4	0.96
Israel	4	0.44	4	-0.84	4	0.44	3	-0.73	3	-0.55	3	-0.51
Italy	7	-0.89	7	-0.13	7	0.51	7	0.87	7	0.68	7	0.71
Japan	4	0.88	5	-0.12	5	0.31	4	0.89	4	0.63	4	0.79
Netherlands	5	-0.14	5	-0.78	5	-0.78	5	0.94	5	0.85	5	0.95
NewZealand	4	1.00	4	0.94	4	-0.96	4	-0.09	4	-0.96	4	-0.69
Norway	2		2		4	0.29	2		2		2	
Poland	5	-0.37	5	0.89	5	0.92	5	0.88	5	0.99	5	0.94
Portugal	0		0		0		0		0		0	
Romania	1		1		1		1		1		1	
Spain	3	0.98	3	-0.35	3	-0.96	1		1		1	
Sweden	4	0.18	4	-0.11	4	0.08	4	0.37	4	0.92	4	1.00
Switzerland	5	-0.83	5	-0.63	5	0.00	2		2		2	
UK	2		2		2		2		2		2	
USA	7	0.78	7	0.55	7	0.84	7	0.27	7	0.93	7	0.98
USSR	0		0		0		0		0		0	
Yugoslavia	0		3	0.97	3	0.18	0		0		1	
UK (Manufactured Cigs)	7	-0.15	7	0.68	7	0.93	7	-0.80	7	0.81	7	0.99

Table L5.33

Summary of Pearson correlation coefficients, relating Lung Cancer mortality to consumption (square root tar adjusted) 20 years earlier, within 30 countries.

	Males						Females					
	45-49		60-64		75-79		45-49		60-64		75-79	
	N	R	N	R	N	R	N	R	N	R	N	R
Australia	2		2		2		2		2		2	
Austria	2		2		2		2		2		2	
Belgium	0		0		0		0		0		0	
Bulgaria	0		0		0		0		0		0	
Canada	4	0.86	4	0.85	4	0.01	4	-0.75	4	-1.00	4	0.76
Czechoslovakia	0		0		0		0		0		0	
Denmark	6	-0.03	6	-0.51	6	0.85	6	-0.86	6	0.95	6	0.85
Finland	4	0.94	5	0.94	5	0.97	2		2		2	
France	4	-0.98	4	-0.17	4	-0.05	4	0.97	4	0.98	4	-0.98
Germany	1		1		1		1		1		1	
Greece	0		0		0		0		0		0	
Hungary	0		0		0		0		0		0	
Iceland	0		0		0		0		0		0	
Ireland	0		0		0		0		0		0	
Israel	0		0		0		0		0		0	
Italy	7	-0.09	7	-0.74	7	-0.51	7	0.84	7	0.67	7	0.67
Japan	4	-0.16	5	-0.72	5	-0.83	4	0.79	4	0.76	4	0.28
Netherlands	0		0		0		0		0		0	
NewZealand	4	1.00	4	0.94	4	0.99	4	0.03	4	-0.99	4	-0.83
Norway	2		2		4	-0.85	2		2		2	
Poland	0		0		0		0		0		0	
Portugal	0		0		0		0		0		0	
Romania	0		0		0		0		0		0	
Spain	0		0		0		0		0		0	
Sweden	4	0.60	4	0.32	4	0.70	4	0.30	4	0.65	4	0.99
Switzerland	5	-0.64	5	-0.21	5	0.42	2		2		2	
UK	2		2		2		2		2		2	
USA	7	0.90	7	-0.04	7	-0.52	7	0.13	7	0.62	7	0.95
USSR	0		0		0		0		0		0	
Yugoslavia	0		0		0		0		0		0	
UK (Manufactured Cigs)	7	0.72	7	0.90	7	0.82	7	-0.76	7	0.95	7	0.91

Table L5.34

Summary of Pearson correlation coefficients, relating Lung Cancer mortality to prevalence of smoking averaged from 25 to 5 years earlier, within 30 countries.

	Males						Females					
	45-49		60-64		75-79		45-49		60-64		75-79	
	N	R	N	R	N	R	N	R	N	R	N	R
Australia	1		1		1		1		1		1	
Austria	5	0.25	5	0.59	5	0.99	5	-0.22	5	-0.97	5	-0.13
Belgium	1		1		1		1		1		1	
Bulgaria	0		0		0		0		0		0	
Canada	4	0.86	4	0.89	4	-0.02	2		2		2	
Czechoslovakia	0		0		1		0		0		0	
Denmark	5	-0.66	5	0.13	5	0.24	5	0.11	5	0.99	5	0.99
Finland	2		2		3	1.00	1		1		1	
France	5	-0.95	5	-0.65	5	-0.74	5	0.93	5	0.90	5	0.91
Germany	6	0.15	6	0.37	6	0.69	6	0.92	6	0.63	6	0.81
Greece	4	0.11	4	0.97	4	-0.49	2		2		2	
Hungary	2		2		3	-0.98	2		2		2	
Iceland	0		0		0		0		0		0	
Ireland	3	0.95	2		2		2		2		2	
Israel	3	0.57	3	-0.81	3	-0.87	2		2		2	
Italy	6	0.77	6	-0.19	6	-0.93	6	0.96	6	0.86	6	0.90
Japan	6	-0.89	6	-0.43	6	-0.89	6	0.88	6	-0.66	6	-0.67
Netherlands	1		1		2		1		1		1	
NewZealand	3	0.99	3	0.97	3	0.99	3	0.97	3	-0.41	3	-0.98
Norway	5	0.28	5	-0.88	5	0.25	5	0.78	5	1.00	5	1.00
Poland	4	0.51	4	-0.94	4	-0.98	4	0.99	4	0.91	4	0.83
Portugal	1		1		1		1		1		1	
Romania	2		2		2		2		2		2	
Spain	2		2		2		2		2		2	
Sweden	3	0.94	3	0.37	3	-0.08	3	0.98	3	0.99	3	0.97
Switzerland	3	0.75	3	-0.95	3	-0.54	0		0		0	
UK	3	1.00	3	0.99	3	1.00	10	0.91	10	0.91	10	0.92
USA	9	0.63	9	-0.39	9	-0.19	9	-0.03	9	0.58	9	0.94
USSR	0		0		0		0		0		0	
Yugoslavia	1		1		2		0		0		0	
UK (Manufactured Cigs)	5	0.98	5	0.99	5	0.80	5	0.91	5	0.85	5	0.97

Table L5.35

Summary of Pearson correlation coefficients, relating Lung Cancer mortality to consumption averaged from 25 to 5 years earlier, within 30 countries.

	Males						Females					
	45-49		60-64		75-79		45-49		60-64		75-79	
	N	R	N	R	N	R	N	R	N	R	N	R
Australia	1		1		1		1		1		1	
Austria	1		1		1		1		1		1	
Belgium	0		0		0		0		0		0	
Bulgaria	0		0		0		0		0		0	
Canada	3	1.00	3	1.00	3	1.00	3	0.98	3	-0.67	3	0.99
Czechoslovakia	0		0		0		0		0		0	
Denmark	5	-0.44	5	-0.21	5	-0.06	5	-0.06	5	0.98	5	0.99
Finland	2		2		3	1.00	0		0		0	
France	3	-0.97	3	0.83	3	0.90	3	1.00	3	1.00	3	1.00
Germany	0		0		0		0		0		0	
Greece	3	0.98	3	-0.57	3	0.98	0		0		0	
Hungary	2		2		2		2		2		2	
Iceland	0		0		0		0		0		0	
Ireland	3	-0.13	2		2		2		2		2	
Israel	1		1		1		0		0		0	
Italy	6	-0.43	6	0.79	6	0.93	6	0.95	6	0.85	6	0.98
Japan	3	0.95	3	-0.90	4	0.75	3	0.93	3	0.87	3	-0.69
Netherlands	4	0.68	4	0.96	4	0.79	4	0.95	4	0.97	4	0.99
NewZealand	1		1		1		1		1		1	
Norway	1		1		3	-0.98	1		1		1	
Poland	3	-0.72	3	0.90	3	1.00	3	0.97	3	1.00	3	0.99
Portugal	0		0		0		0		0		0	
Romania	0		0		0		0		0		0	
Spain	2		2		2		0		0		0	
Sweden	3	-0.64	3	-0.64	3	0.37	3	-0.70	3	1.00	3	1.00
Switzerland	2		2		2		0		0		0	
UK	1		1		1		1		1		1	
USA	5	0.98	5	-0.19	5	0.43	5	0.90	5	0.94	5	0.98
USSR	0		0		0		0		0		0	
Yugoslavia	0		0		2		0		0		0	
UK (Manufactured Cigs)	5	0.93	5	0.93	5	1.00	5	-0.87	5	0.95	5	0.98

Table L5.36
Summary of Pearson correlation coefficients, relating Lung Cancer mortality to
consumption (square root tar adjusted) averaged from 25 to 5 years earlier,
within 30 countries.

	Males						Females					
	45-49		60-64		75-79		45-49		60-64		75-79	
	N	R	N	R	N	R	N	R	N	R	N	R
Australia	0		0		0		0		0		0	
Austria	0		0		0		0		0		0	
Belgium	0		0		0		0		0		0	
Bulgaria	0		0		0		0		0		0	
Canada	1		1		1		1		1		1	
Czechoslovakia	0		0		0		0		0		0	
Denmark	4	0.96	4	-0.33	4	0.47	4	-0.30	4	0.96	4	0.98
Finland	2		2		3	1.00	0		0		0	
France	3	-0.97	3	0.83	3	0.92	3	1.00	3	1.00	3	1.00
Germany	0		0		0		0		0		0	
Greece	0		0		0		0		0		0	
Hungary	0		0		0		0		0		0	
Iceland	0		0		0		0		0		0	
Ireland	0		0		0		0		0		0	
Israel	0		0		0		0		0		0	
Italy	6	0.97	6	0.17	6	-0.82	6	0.93	6	0.89	6	0.98
Japan	3	-0.99	3	0.65	4	-1.00	3	0.94	3	-0.98	3	-0.75
Netherlands	0		0		0		0		0		0	
NewZealand	1		1		1		1		1		1	
Norway	0		0		0		0		0		0	
Poland	0		0		0		0		0		0	
Portugal	0		0		0		0		0		0	
Romania	0		0		0		0		0		0	
Spain	0		0		0		0		0		0	
Sweden	0		0		0		0		0		0	
Switzerland	1		1		1		0		0		0	
UK	1		1		1		1		1		1	
USA	5	0.98	5	-0.56	5	-0.71	5	0.16	5	0.34	5	0.94
USSR	0		0		0		0		0		0	
Yugoslavia	0		0		0		0		0		0	
UK (Manufactured Cigs)	5	0.96	5	0.99	5	0.90	5	-0.68	5	0.97	5	0.90

Table L5.37
Summary of Pearson correlation coefficients, relating Lung Cancer mortality to prevalence of smoking 20 years earlier, within 30 countries.

All tobacco products

	Males						Females					
	45-49		60-64		75-79		45-49		60-64		75-79	
	N	R	N	R	N	R	N	R	N	R	N	R
Australia	8	0.67	8	0.57	8	-0.40	8	-0.19	8	-0.65	8	0.68
Austria	6	-0.01	6	0.68	6	0.93	6	-0.81	6	-0.92	6	-0.84
Belgium	5	0.59	5	0.32	5	-0.47	5	0.22	5	-0.60	5	-0.24
Bulgaria	0		0		0		0		0		0	
Canada	1		1		1		1		1		1	
Czechoslovakia	1		1		2		1		1		1	
Denmark	6	0.74	6	0.54	6	-0.41	6	-0.87	6	0.80	6	0.89
Finland	5	0.88	5	0.99	5	0.98	5	0.89	5	0.06	5	0.82
France	6	-0.92	6	-0.58	6	-0.73	6	-0.40	6	-0.26	6	-0.34
Germany	7	-0.36	7	0.50	7	-0.18	7	0.96	7	0.91	7	0.94
Greece	5	0.10	5	0.34	5	-0.62	3	-1.00	3	-0.61	3	0.85
Hungary	3	0.17	4	-0.46	4	-0.11	3	0.99	3	0.99	3	1.00
Iceland	3	-1.00	3	-0.29	3	-0.76	1		1		1	
Ireland	4	0.75	4	0.92	4	0.83	4	0.92	4	0.37	4	-0.10
Israel	4	0.41	4	-0.94	4	-0.20	3	-1.00	3	-0.61	3	-0.56
Italy	4	-1.00	4	-0.93	4	0.74	4	0.58	4	-0.76	4	-0.83
Japan	7	0.24	7	-0.49	7	-0.86	7	0.71	7	-0.04	7	0.02
Netherlands	7	0.91	7	0.97	7	-0.09	5	0.31	5	0.67	5	0.85
NewZealand	4	0.95	4	0.92	4	0.09	4	0.20	4	-0.94	4	-0.75
Norway	6	-0.27	6	-0.86	6	-0.86	6	0.71	6	0.99	6	0.97
Poland	5	-0.73	5	-0.82	5	-0.83	5	0.96	5	0.96	5	0.79
Portugal	2		2		2		2		2		2	
Romania	3	0.05	3	1.00	3	-0.07	3	0.93	3	0.73	3	1.00
Spain	3	0.95	3	0.30	3	0.97	3	0.97	3	0.99	3	-0.70
Sweden	7	0.95	7	0.68	7	0.04	7	0.99	7	0.87	7	0.72
Switzerland	5	0.17	5	0.91	5	0.60	2		2		2	
UK	11	0.96	11	0.39	11	-0.76	5	-0.60	5	0.87	5	0.97
USA	7	0.82	7	-0.42	7	-0.89	7	-0.03	7	0.62	7	0.93
USSR	0		0		0		0		0		0	
Yugoslavia	2		3	1.00	3	0.13	1		1		1	