

**Relating Ischaemic Heart Disease (IHD)
mortality to previous smoking habits.
Between-country analysis.**

Notes:

Prevalence = Prevalence of smoking (%), total cigarettes, 5 years earlier.

Consumption = Consumption of total cigarettes per adult, 5 years earlier.

Cons tar adj = Consumption of total cigarettes per adult, 5 years earlier, square root tar adjusted.

N = Number of data pairs

R = Pearson correlation coefficient

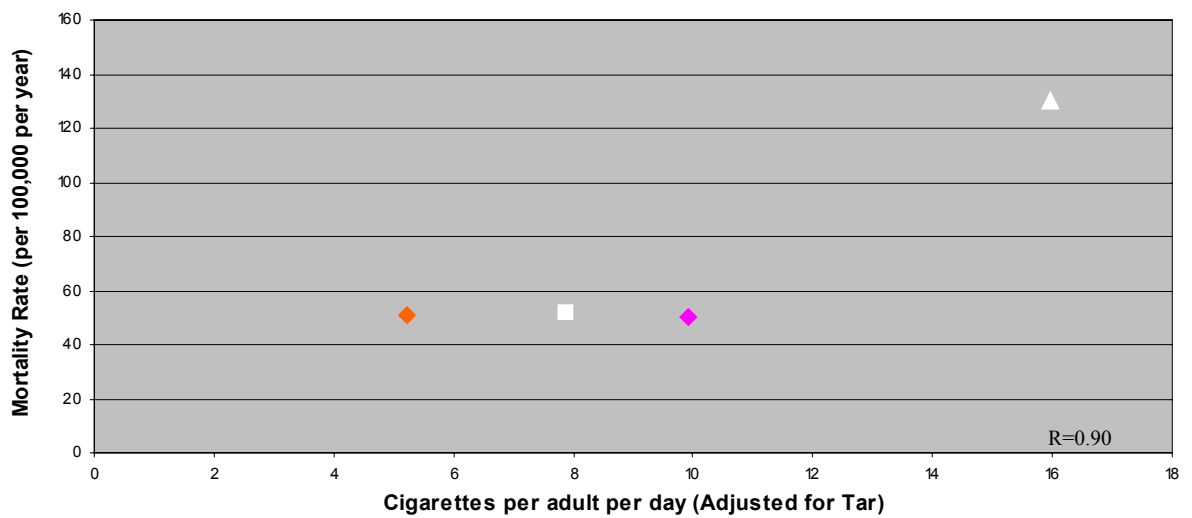
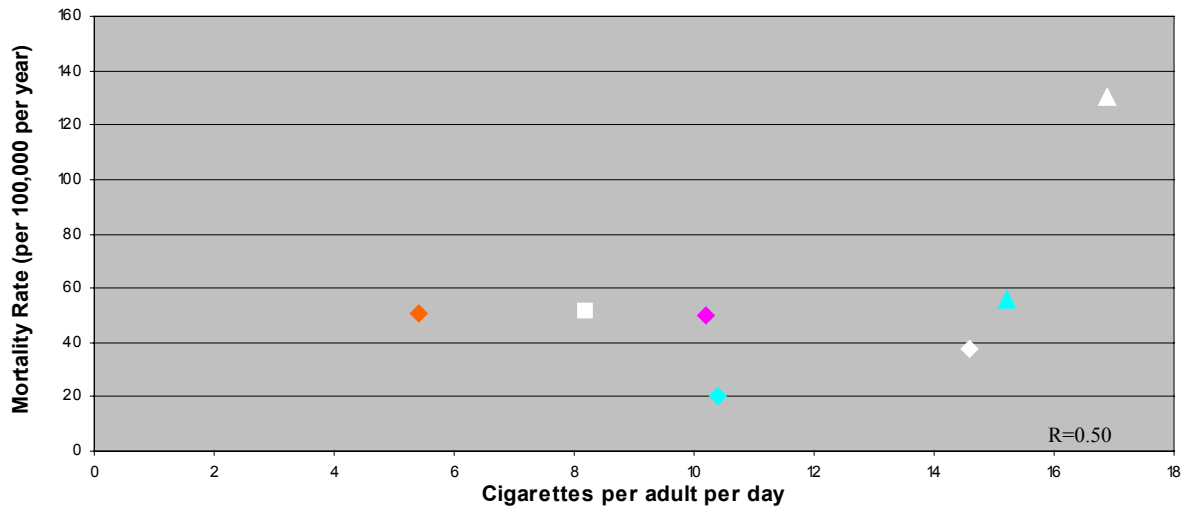
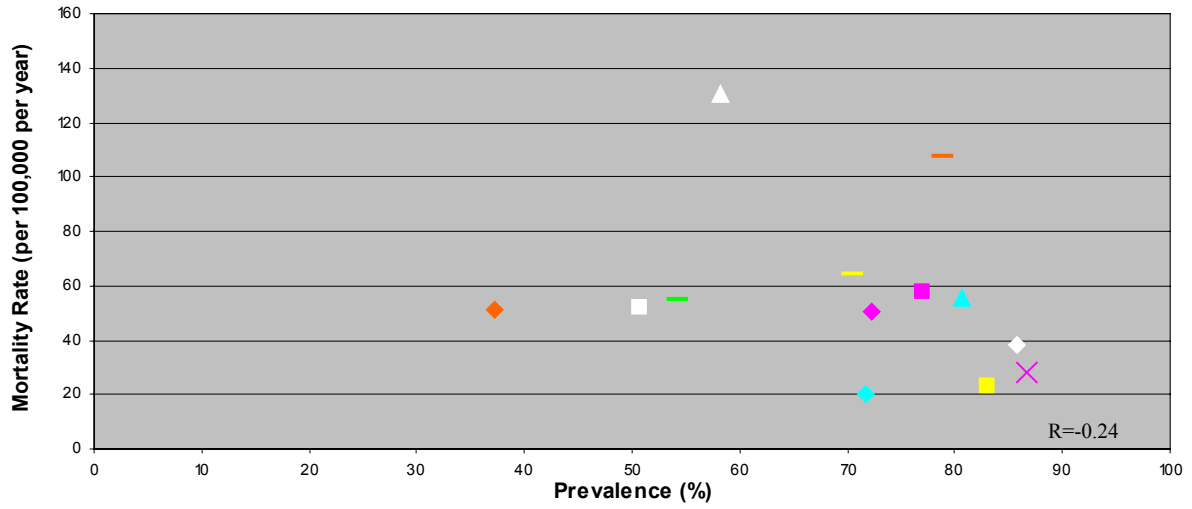
Table I6.1

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier, by country, showing Pearson correlation coefficients

	Males	Age 40-44	Period 1961 to 1965	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	103.0			
Austria	58.0	77.0		
Belgium	57.2			
Bulgaria	17.4			
Canada	107.6	78.8		
Czechoslovakia	58.4			
Denmark	51.7	50.8	8.2	7.9
Finland	153.3			
France	28.3	86.7		
Germany	63.8	70.4		
Greece	20.2	71.7	10.4	
Hungary	58.9			
Iceland	45.3			
Ireland	76.0			
Israel	51.3			
Italy	50.3	72.3	10.2	9.9
Japan	22.8	83.0		
Netherlands	55.4	80.6	15.2	
New Zealand	85.8			
Norway	54.5	54.2		
Poland	38.0	85.8	14.6	
Portugal	21.3			
Romania	23.9			
Spain	22.4			
Sweden	32.5			
Switzerland	50.9	37.2	5.4	5.2
UK	85.4			
USA	130.3	58.3	16.9	16.0
USSR				
Yugoslavia	15.1			
N		13	7	4
R		-0.24	0.50	0.90

Figure I6.1

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Males Age 40-44 Period 1961 to 1965



- | | | | | | |
|---------------|---------------|-----------|------------|-----------|------------------|
| ◆ Australia | ◆ Austria | ▲ Belgium | ⊗ Bulgaria | — Canada | ◆ Czechoslovakia |
| ■ Denmark | ▲ Finland | ⊗ France | — Germany | ◆ Greece | — Hungary |
| ▲ Iceland | ⊗ Ireland | — Israel | ◆ Italy | ◆ Japan | ▲ Netherlands |
| ⊗ New Zealand | — Norway | ◆ Poland | ◆ Portugal | ▲ Romania | — Spain |
| — Sweden | ◆ Switzerland | — UK | ▲ USA | ⊗ USSR | — Yugoslavia |

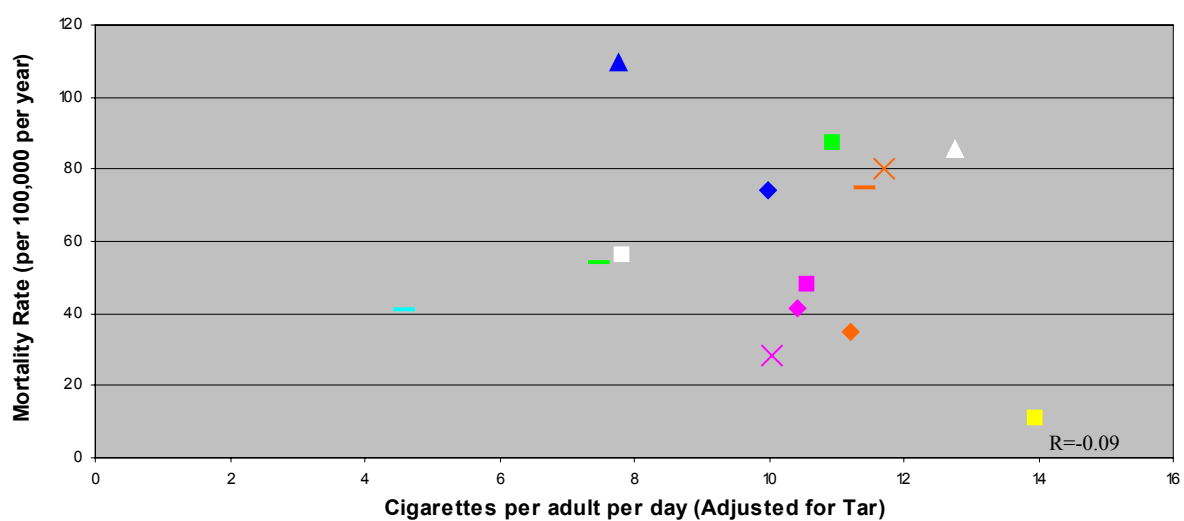
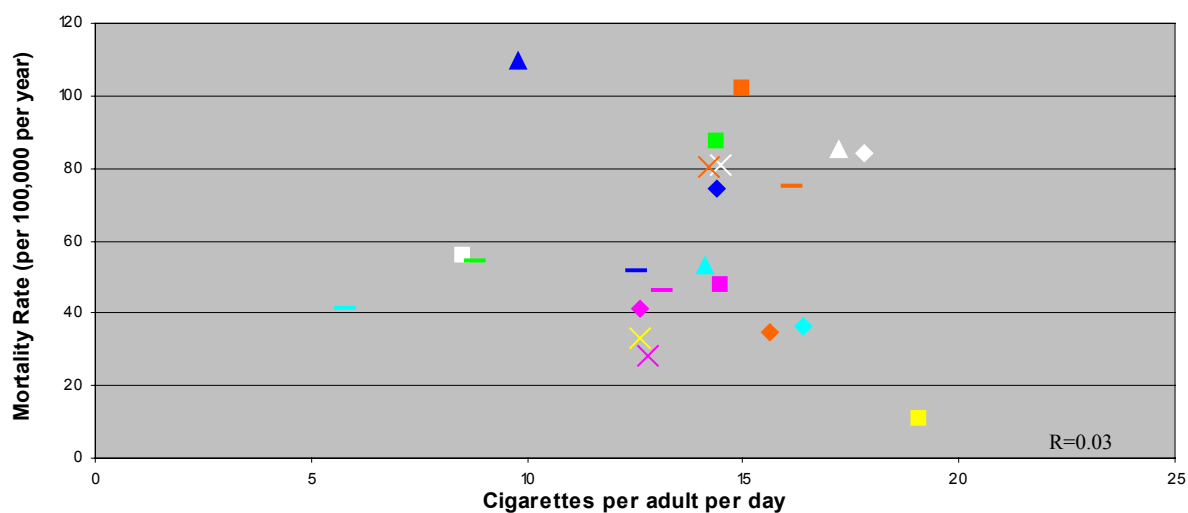
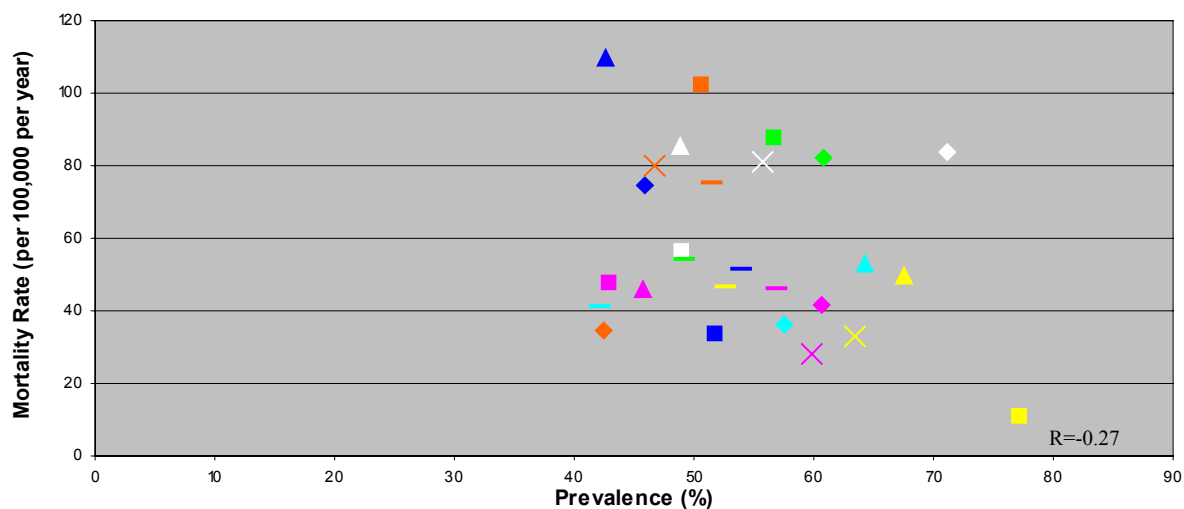
Table I6.2

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier, by country, showing Pearson correlation coefficients

	Males	Age 40-44	Period 1976 to 1980	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	74.5	45.9	14.4	10.0
Austria	47.8	43.0	14.5	10.6
Belgium	49.6	67.5		
Bulgaria	51.3			
Canada	74.9	51.4	16.1	11.4
Czechoslovakia	82.3	60.8		
Denmark	56.2	49.0	8.5	7.8
Finland	109.7	42.7	9.8	7.8
France	28.3	59.8	12.8	10.1
Germany	46.6	52.7		
Greece	36.2	57.5	16.4	
Hungary	102.0	50.6	15.0	
Iceland	66.4			
Ireland	80.9	55.7	14.5	
Israel	51.5	54.0	12.5	
Italy	41.4	60.7	12.6	10.4
Japan	11.0	77.2	19.1	14.0
Netherlands	53.1	64.2	14.1	
New Zealand	80.2	46.7	14.2	11.7
Norway	54.2	49.2	8.8	7.5
Poland	83.9	71.1	17.8	
Portugal	33.5	51.8		
Romania	45.9	45.8		
Spain	33.0	63.5	12.6	
Sweden	41.0	42.1	5.8	4.6
Switzerland	34.8	42.5	15.6	11.2
UK	87.3	56.7	14.4	11.0
USA	85.4	48.8	17.2	12.8
USSR		63.9	13.1	
Yugoslavia	46.2	56.9	13.1	
	N	27	22	14
	R	-0.27	0.03	-0.09

Figure I6.2

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Males Age 40-44 Period 1976 to 1980



- | | | | | | |
|---------------|-----------|------------|------------|---------------|------------------|
| ◆ Australia | ■ Austria | ▲ Belgium | × Bulgaria | — Canada | ◆ Czechoslovakia |
| □ Denmark | ▲ Finland | × France | — Germany | — Greece | ■ Hungary |
| ▲ Iceland | × Ireland | — Israel | ◆ Italy | ▲ Netherlands | ▲ NewZealand |
| × Norway | ◆ Poland | — Portugal | ◆ Romania | × Spain | — Sweden |
| — Switzerland | ■ UK | ▲ USA | × USSR | — Yugoslavia | |

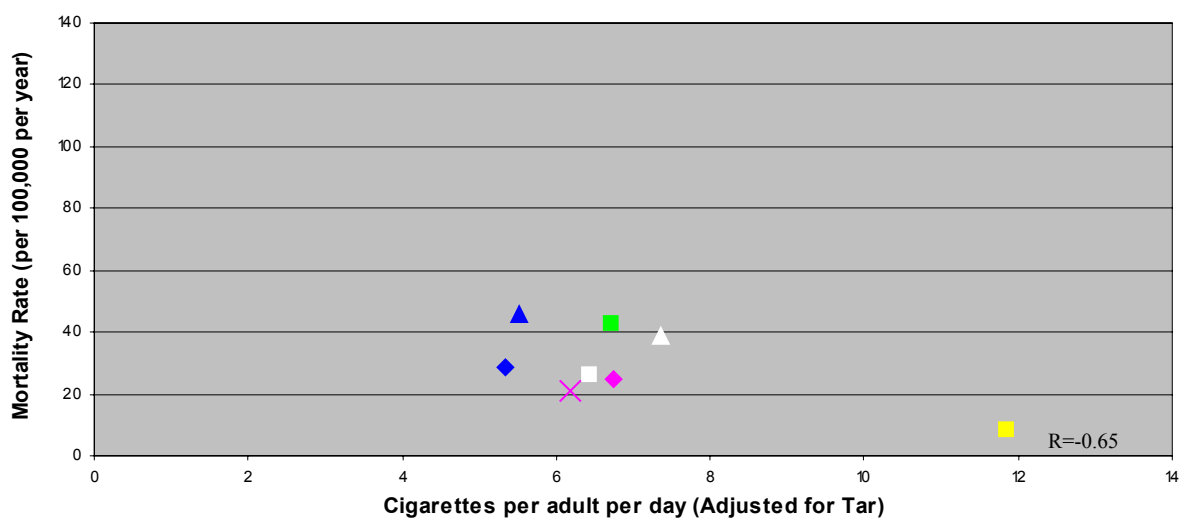
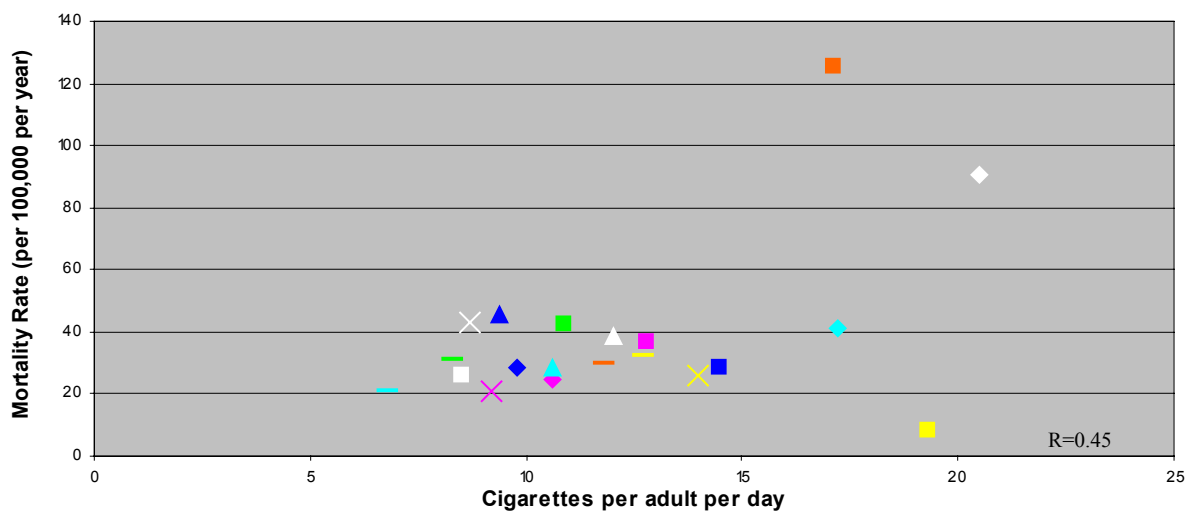
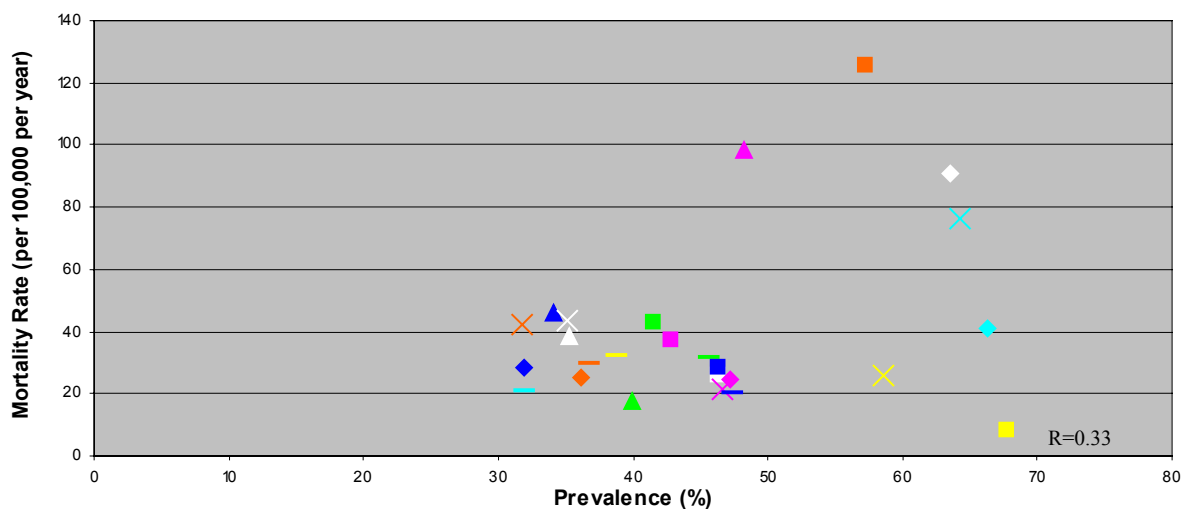
Table I6.3

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Males	Age 40-44	Period 1991 to 1995	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	28.5	31.9	9.8	5.3
Austria	36.9	42.8	12.8	
Belgium	26.1			
Bulgaria	76.0	64.2		
Canada	29.5	36.7	11.8	
Czechoslovakia		51.9	9.5	
Denmark	25.9	46.3	8.5	6.4
Finland	45.9	34.1	9.4	5.5
France	21.2	46.6	9.2	6.2
Germany	32.0	38.7	12.7	
Greece	41.0	66.3	17.2	
Hungary	125.5	57.3	17.1	
Iceland	17.4	39.9		
Ireland	43.2	35.1	8.7	
Israel	20.0	47.3		
Italy	24.8	47.2	10.6	6.7
Japan	8.0	67.7	19.3	11.8
Netherlands	28.4		10.6	
New Zealand	42.5	31.8		
Norway	31.3	45.6	8.3	
Poland	90.6	63.6	20.5	
Portugal	28.3	46.3	14.5	
Romania	98.2	48.2		
Spain	25.9	58.6	14.0	
Sweden	21.0	31.9	6.8	
Switzerland	25.3	36.2		
UK	42.7	41.5	10.9	6.7
USA	38.6	35.3	12.0	7.3
USSR		61.1	13.7	
Yugoslavia		51.5	12.8	
	N	25	20	8
	R	0.33	0.45	-0.65

Figure I6.3

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Males Age 40-44 Period 1991 to 1995



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|--------------|---------------|-----------|------------|-----------|------------------|
| ◆ Australia | ◆ Austria | ◆ Belgium | ◆ Bulgaria | ◆ Canada | ◆ Czechoslovakia |
| □ Denmark | ▲ Finland | × France | ◆ Germany | ◆ Greece | ◆ Hungary |
| ▲ Iceland | × Ireland | ◆ Israel | ◆ Italy | ◆ Japan | ◆ Netherlands |
| × NewZealand | ◆ Norway | ◆ Poland | ◆ Portugal | ◆ Romania | × Spain |
| ◆ Sweden | ◆ Switzerland | ◆ UK | ◆ USA | ◆ USSR | ◆ Yugoslavia |

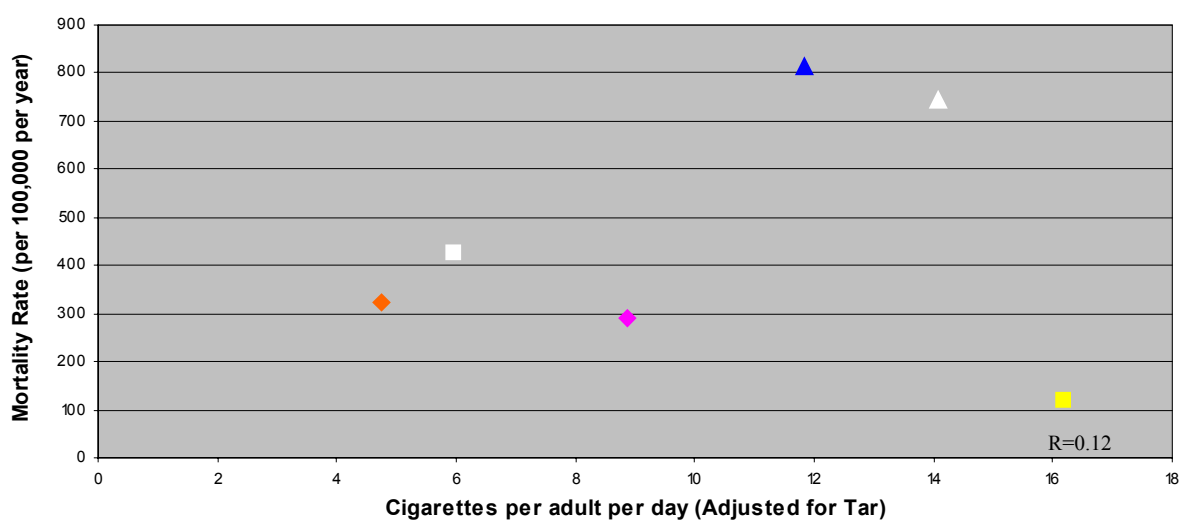
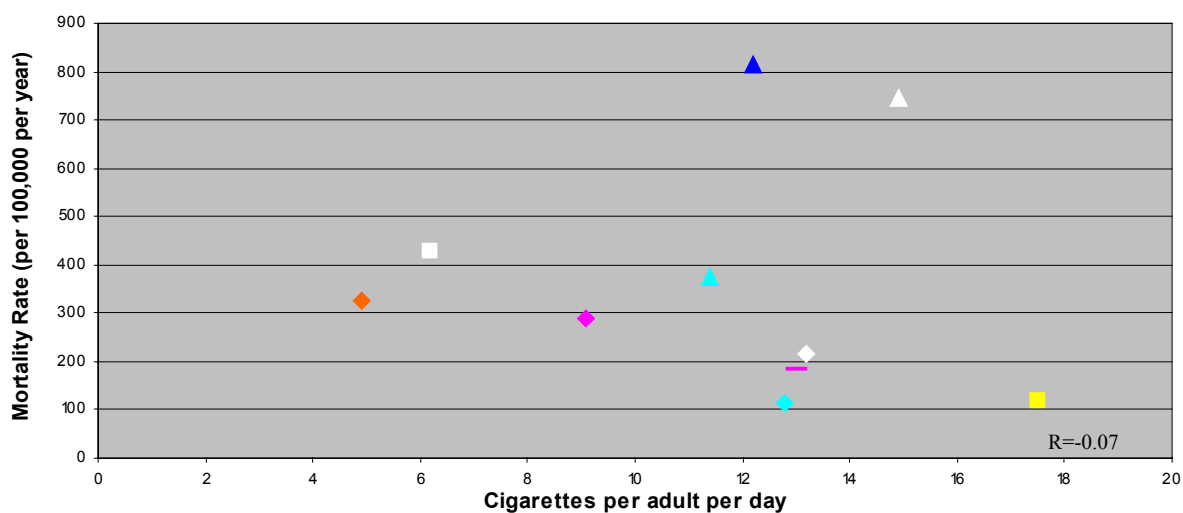
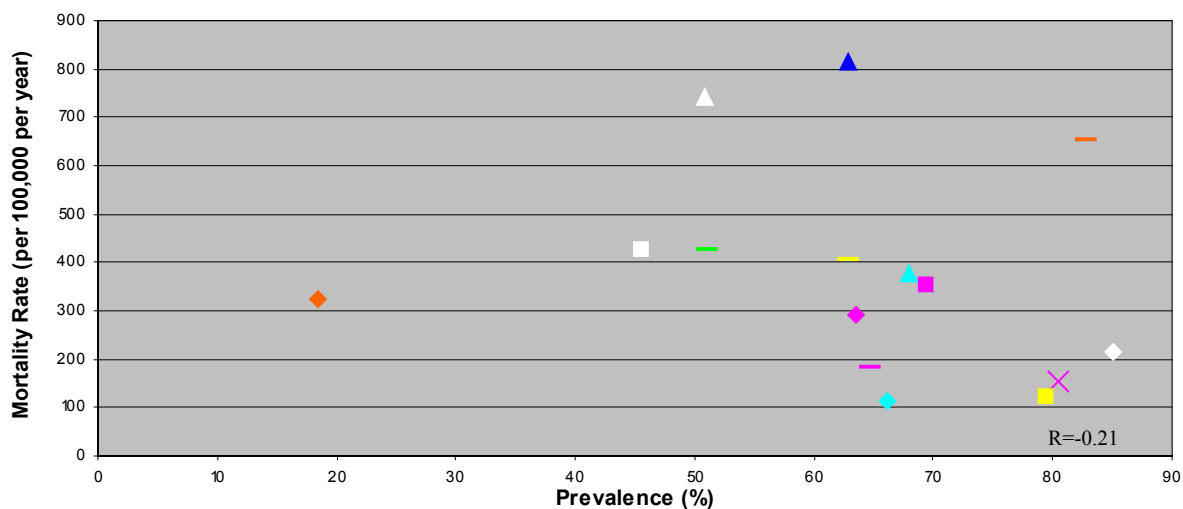
Table I6.4

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Males	Age 55-59	Period 1961 to 1965	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	715.3			
Austria	353.3	69.4		
Belgium	322.4			
Bulgaria	121.9			
Canada	652.8	82.7		
Czechoslovakia	317.9			
Denmark	426.1	45.5	6.2	6.0
Finland	813.5	62.8	12.2	11.8
France	153.9	80.4		
Germany	403.9	62.9		
Greece	114.6	66.1	12.8	
Hungary	316.5			
Iceland	428.6			
Ireland	461.2			
Israel	469.0			
Italy	290.1	63.5	9.1	8.9
Japan	119.8	79.4	17.5	16.2
Netherlands	375.6	67.9	11.4	
New Zealand	661.5			
Norway	425.9	51.0		
Poland	215.1	85.0	13.2	
Portugal	182.8			
Romania	162.8			
Spain	123.1			
Sweden	352.3			
Switzerland	324.9	18.4	4.9	4.7
UK	554.3			
USA	743.4	50.8	14.9	14.1
USSR				
Yugoslavia	184.2	64.7	13.0	
	N	15	10	6
	R	-0.21	-0.07	0.12

Figure I6.4

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Males Age 55-59 Period 1961 to 1965



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|---------------|---------------|-----------|------------|-----------|------------------|
| ◆ Australia | ◆ Austria | ▲ Belgium | ◆ Bulgaria | — Canada | ◆ Czechoslovakia |
| ■ Denmark | ▲ Finland | ◆ France | — Germany | ◆ Greece | — Hungary |
| ▲ Iceland | ◆ Ireland | — Israel | ◆ Italy | ◆ Japan | ▲ Netherlands |
| ▲ New Zealand | — Norway | ◆ Poland | ◆ Portugal | ◆ Romania | — Spain |
| — Sweden | ◆ Switzerland | — UK | — USA | ◆ USSR | — Yugoslavia |

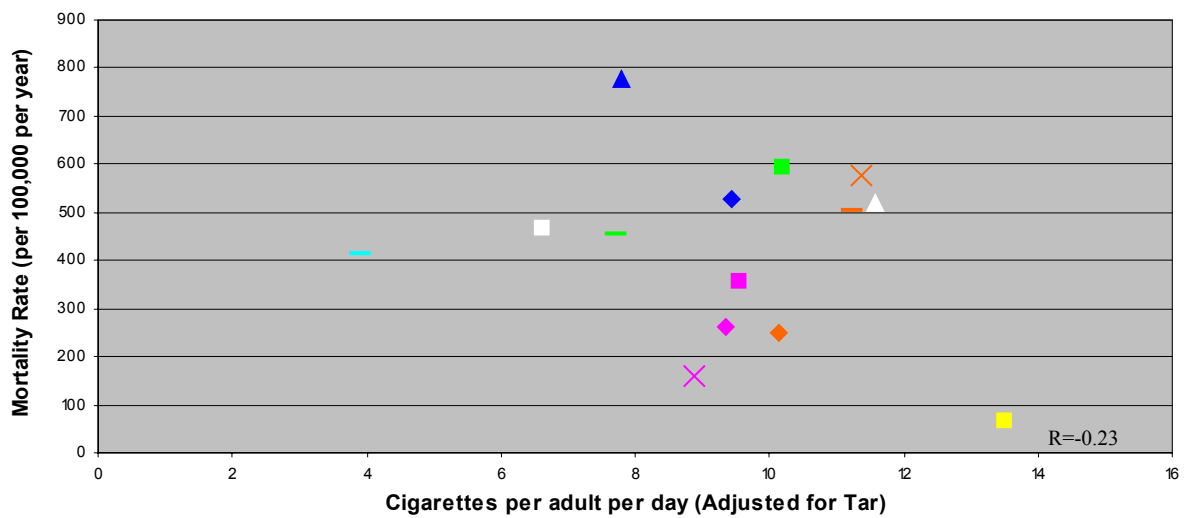
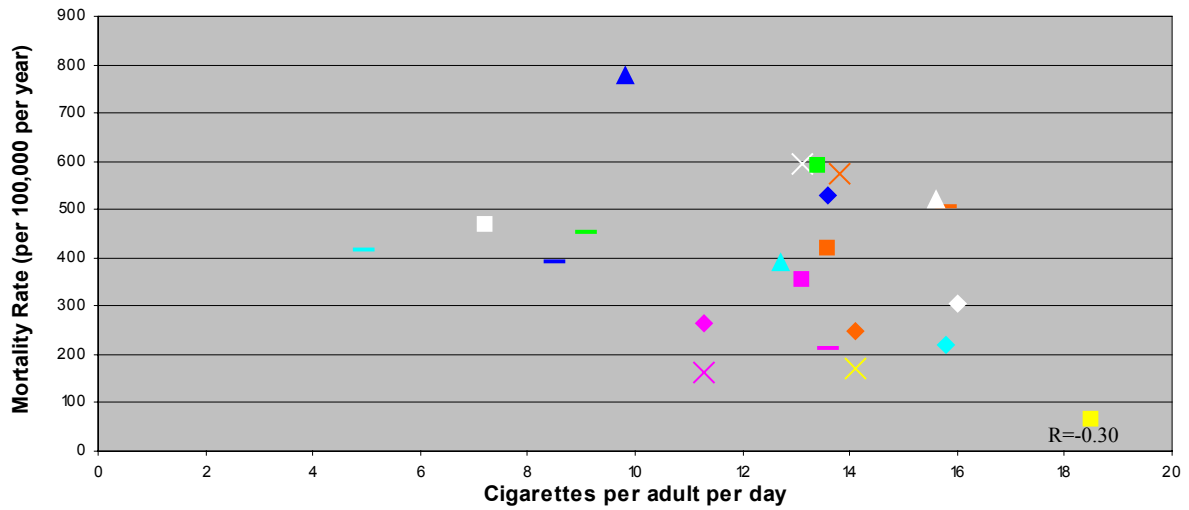
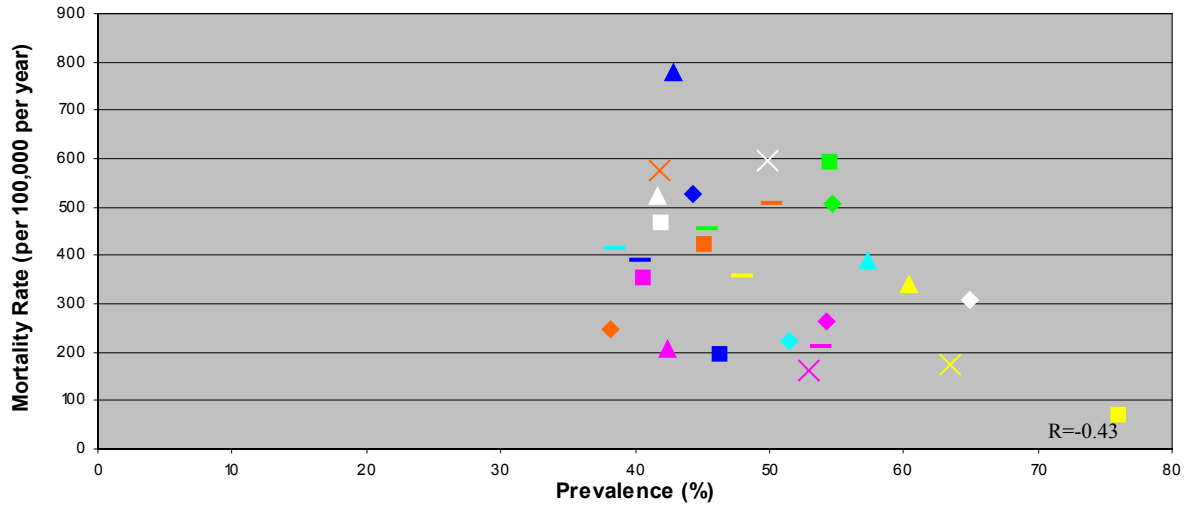
Table I6.5

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Males	Age 55-59	Period 1976 to 1980	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	527.4	44.3	13.6	9.4
Austria	354.0	40.7	13.1	9.5
Belgium	339.0	60.4		
Bulgaria	274.7			
Canada	505.0	50.1	15.8	11.2
Czechoslovakia	507.1	54.7		
Denmark	468.1	42.0	7.2	6.6
Finland	778.9	42.9	9.8	7.8
France	160.9	53.0	11.3	8.9
Germany	356.6	48.0		
Greece	221.4	51.5	15.8	
Hungary	420.7	45.2	13.6	
Iceland	421.3			
Ireland	594.0	49.9	13.1	
Israel	389.3	40.3	8.5	
Italy	263.0	54.3	11.3	9.4
Japan	67.0	76.0	18.5	13.5
Netherlands	389.5	57.4	12.7	
New Zealand	575.2	41.8	13.8	11.4
Norway	453.3	45.4	9.1	7.7
Poland	306.3	64.9	16.0	
Portugal	193.5	46.3		
Romania	206.9	42.4		
Spain	172.8	63.5	14.1	
Sweden	414.1	38.5	4.9	3.9
Switzerland	247.9	38.1	14.1	10.1
UK	592.0	54.5	13.4	10.2
USA	521.5	41.7	15.6	11.6
USSR		48.7	9.9	
Yugoslavia	210.9	53.8	13.6	
N		27	22	14
R		-0.43	-0.30	-0.23

Figure I6.5

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Males Age 55-59 Period 1976 to 1980



- | | | | | | |
|---------------|---------------|-----------|------------|---------------|------------------|
| ◆ Australia | ◆ Austria | ▲ Belgium | × Bulgaria | — Canada | ◆ Czechoslovakia |
| □ Denmark | ▲ Finland | × France | — Germany | ◆ Greece | ■ Hungary |
| ▲ Iceland | × Ireland | — Israel | ◆ Italy | ▲ Netherlands | ▲ Japan |
| × New Zealand | — Norway | ◆ Poland | ◆ Portugal | ▲ Romania | × Spain |
| — Sweden | ◆ Switzerland | ■ UK | ▲ USA | × USSR | — Yugoslavia |

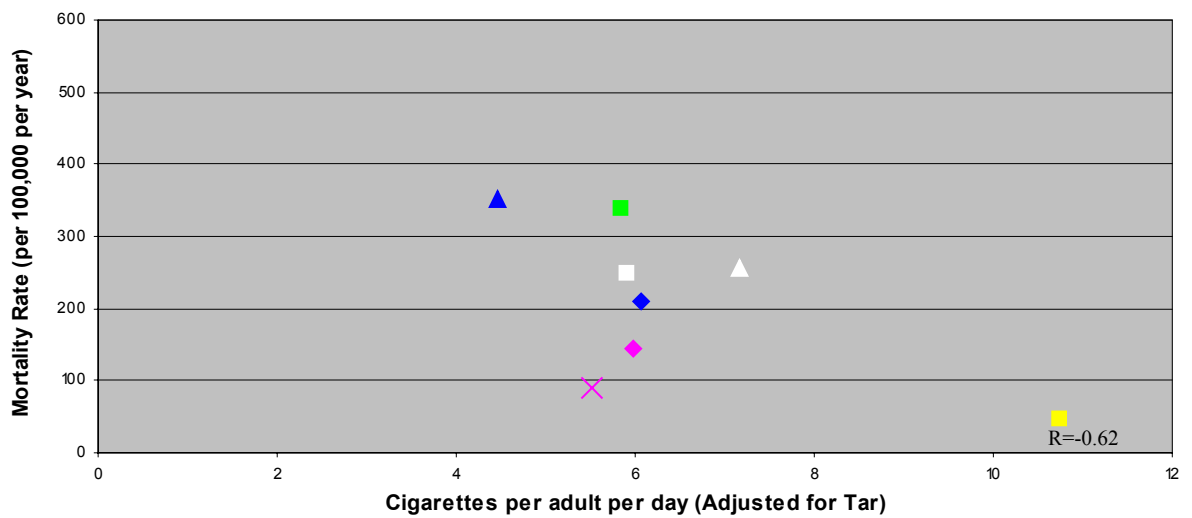
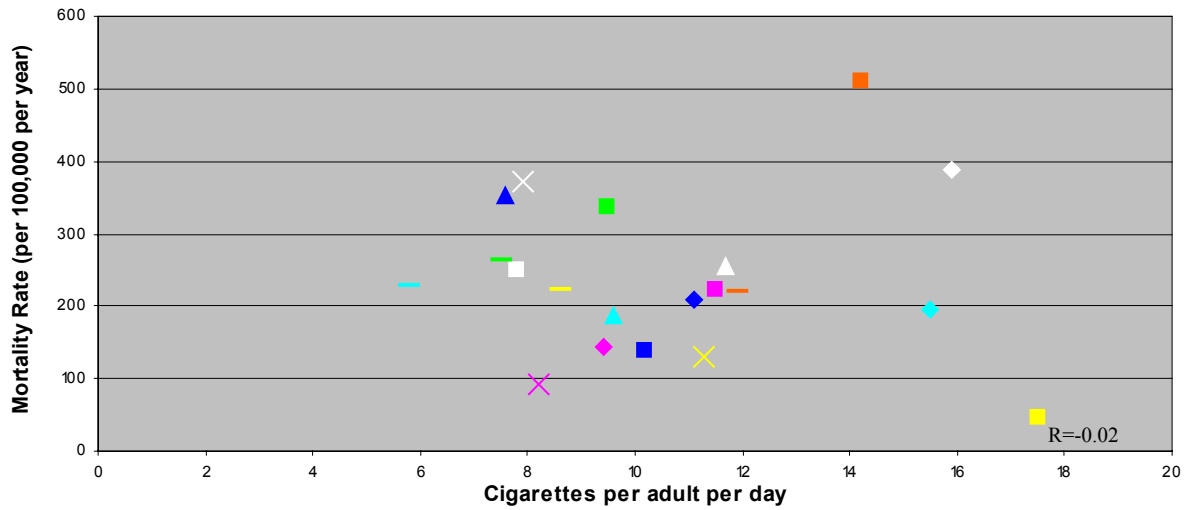
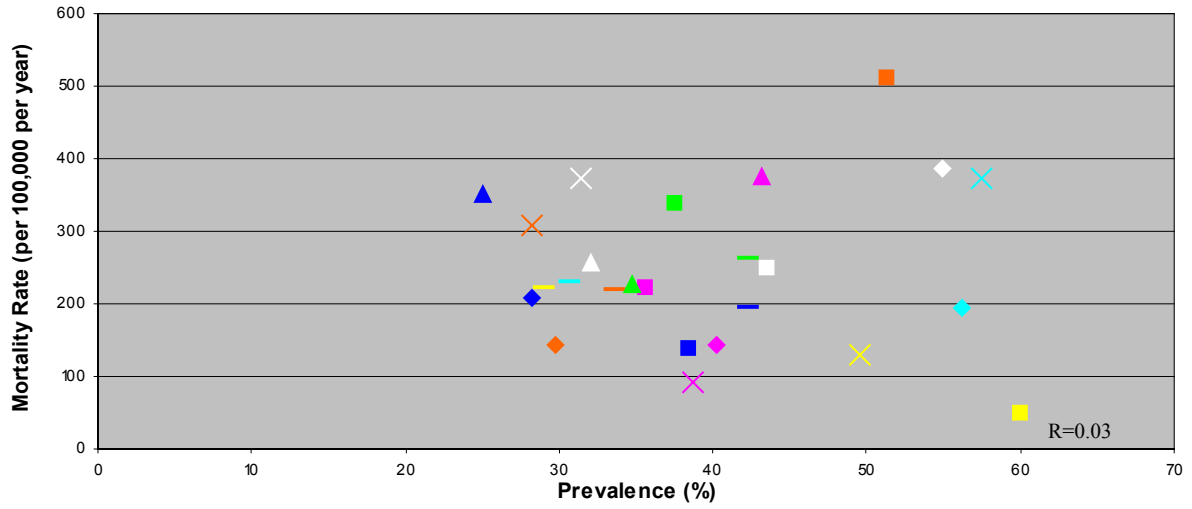
Table I6.6

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Males	Age 55-59	Period 1991 to 1995	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	209.4	28.2	11.1	6.1
Austria	221.5	35.6	11.5	
Belgium	150.3			
Bulgaria	373.8	57.5		
Canada	219.7	33.6	11.9	
Czechoslovakia		45.3	8.5	
Denmark	248.5	43.6	7.8	5.9
Finland	351.9	25.0	7.6	4.5
France	91.0	38.7	8.2	5.5
Germany	222.7	29.0	8.6	
Greece	194.6	56.2	15.5	
Hungary	510.8	51.3	14.2	
Iceland	227.1	34.8		
Ireland	372.3	31.4	7.9	
Israel	194.2	42.3		
Italy	143.4	40.2	9.4	6.0
Japan	47.3	60.0	17.5	10.7
Netherlands	186.7		9.6	
New Zealand	307.3	28.2		
Norway	263.2	42.3	7.5	
Poland	387.4	54.9	15.9	
Portugal	137.5	38.5	10.2	
Romania	374.4	43.2		
Spain	130.8	49.6	11.3	
Sweden	228.5	30.6	5.8	
Switzerland	142.8	29.8		
UK	338.0	37.6	9.5	5.9
USA	256.0	32.0	11.7	7.2
USSR		52.6	12.4	
Yugoslavia		45.3	11.5	
	N	25	20	8
	R	0.03	-0.02	-0.62

Figure I6.6

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Males Age 55-59 Period 1991 to 1995



- | | | | | | |
|---------------|-----------|------------|------------|---------------|------------------|
| ◆ Australia | ◆ Austria | ▲ Belgium | × Bulgaria | — Canada | ◆ Czechoslovakia |
| □ Denmark | ▲ Finland | × France | — Germany | ◆ Greece | ■ Hungary |
| ▲ Iceland | × Ireland | — Israel | ◆ Italy | ▲ Netherlands | ▲ NewZealand |
| × Norway | ◆ Poland | ◆ Portugal | ▲ Romania | × Spain | — Sweden |
| ◆ Switzerland | ■ UK | ▲ USA | × USSR | — Yugoslavia | |

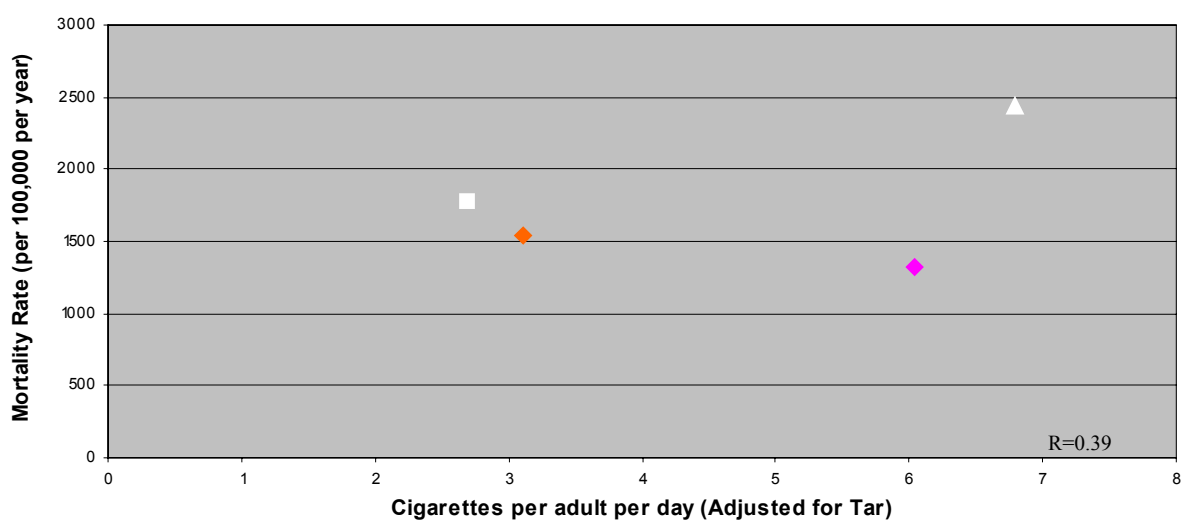
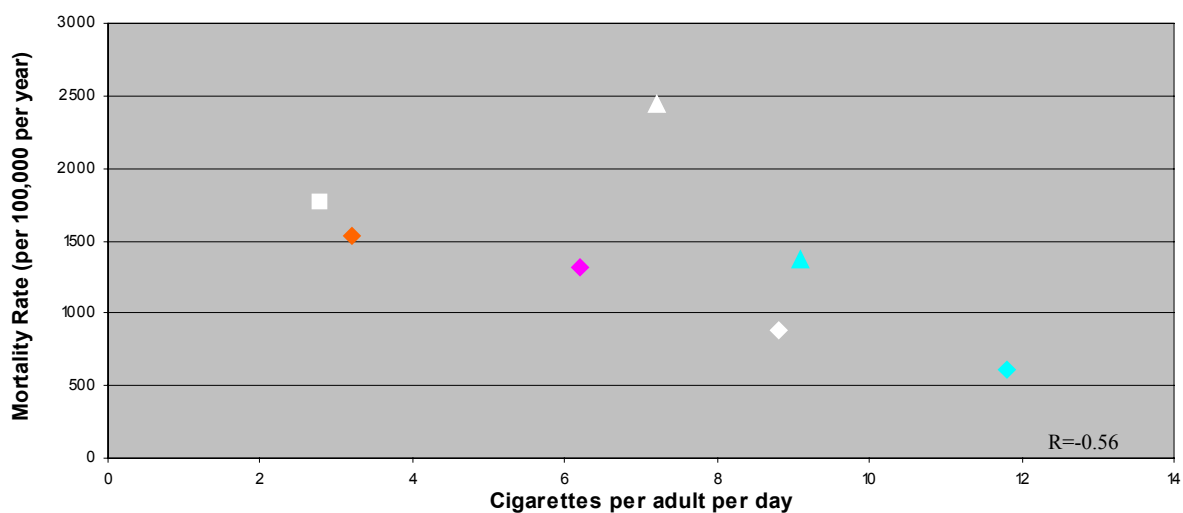
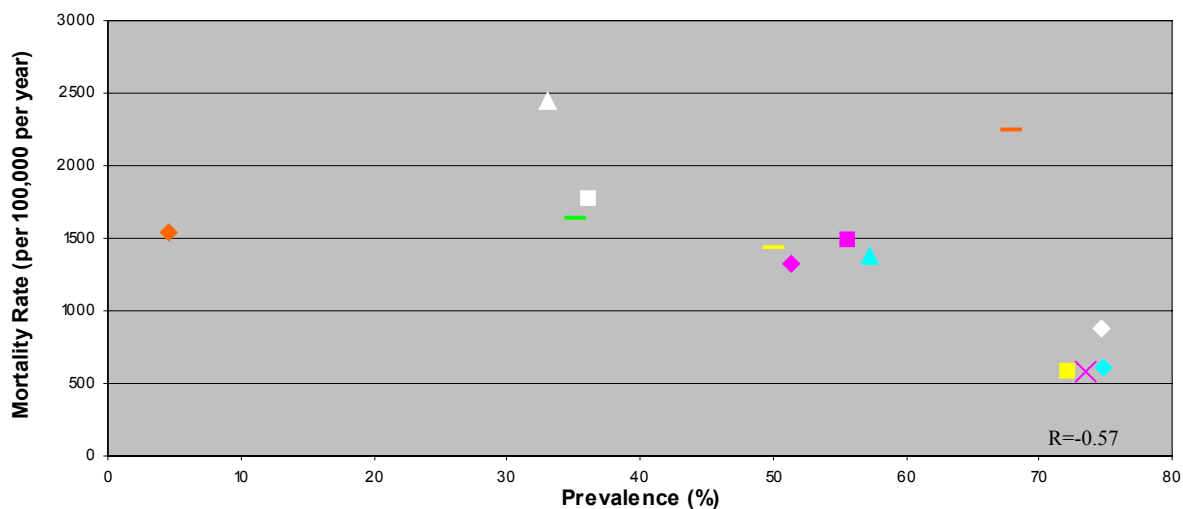
Table I6.7

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Males	Age 70-74	Period 1961 to 1965	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	2569.1			
Austria	1491.9	55.7		
Belgium	865.6			
Bulgaria	822.2			
Canada	2238.5	67.9		
Czechoslovakia	1272.5			
Denmark	1765.9	36.1	2.8	2.7
Finland	2481.2			
France	577.9	73.5		
Germany	1438.3	50.0		
Greece	611.8	74.9	11.8	
Hungary	1574.3			
Iceland	1163.5			
Ireland	1877.5			
Israel	1885.1			
Italy	1318.9	51.3	6.2	6.0
Japan	574.5	72.2		
Netherlands	1372.6	57.3	9.1	
New Zealand	2278.4			
Norway	1630.4	35.2		
Poland	877.3	74.7	8.8	
Portugal	1116.2			
Romania	912.5			
Spain	547.0			
Sweden	1794.5			
Switzerland	1537.3	4.6	3.2	3.1
UK	2111.3			
USA	2443.6	33.0	7.2	6.8
USSR				
Yugoslavia	1334.3			
	N	13	7	4
	R	-0.57	-0.56	0.39

Figure I6.7

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Males Age 70-74 Period 1961 to 1965



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|---------------|---------------|-----------|------------|-----------|------------------|
| ◆ Australia | ◆ Austria | ▲ Belgium | ⊗ Bulgaria | — Canada | ◆ Czechoslovakia |
| ■ Denmark | ▲ Finland | ⊗ France | — Germany | ◆ Greece | — Hungary |
| ▲ Iceland | ⊗ Ireland | — Israel | ◆ Italy | ◆ Japan | ▲ Netherlands |
| ⊗ New Zealand | — Norway | ◆ Poland | ◆ Portugal | ▲ Romania | — Spain |
| — Sweden | ◆ Switzerland | ■ UK | ▲ USA | ⊗ USSR | — Yugoslavia |

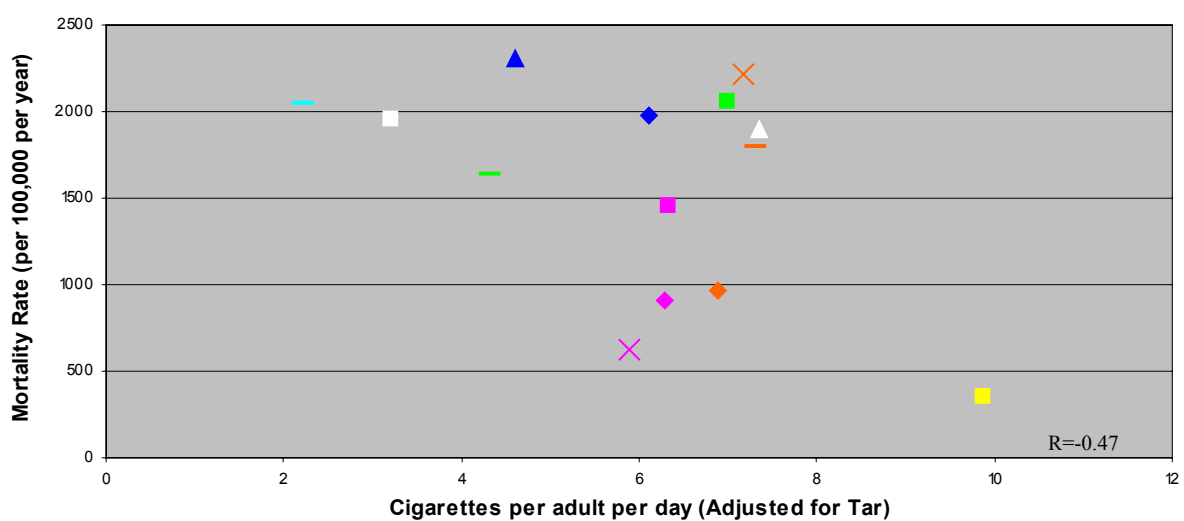
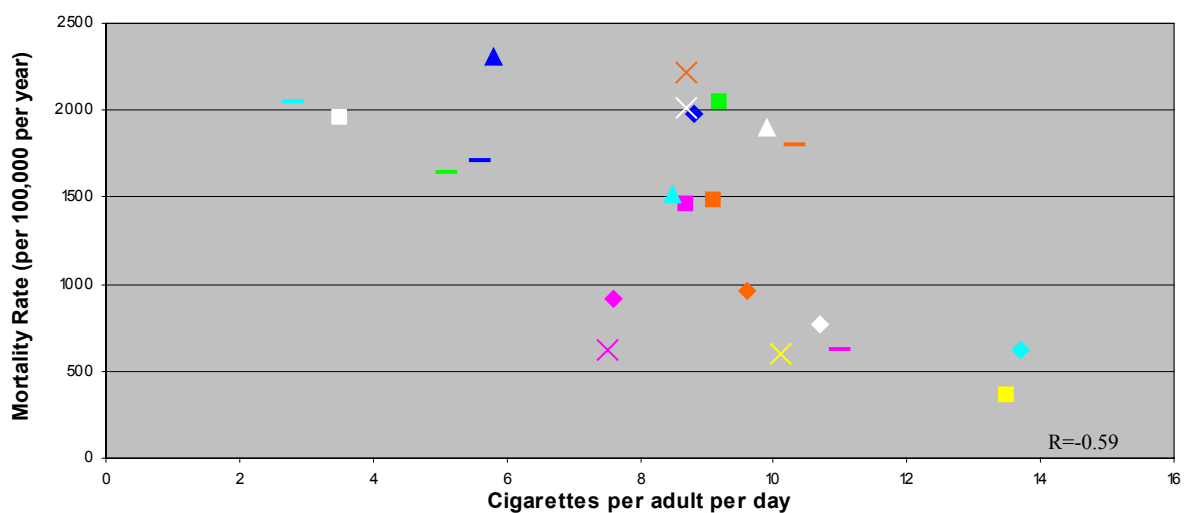
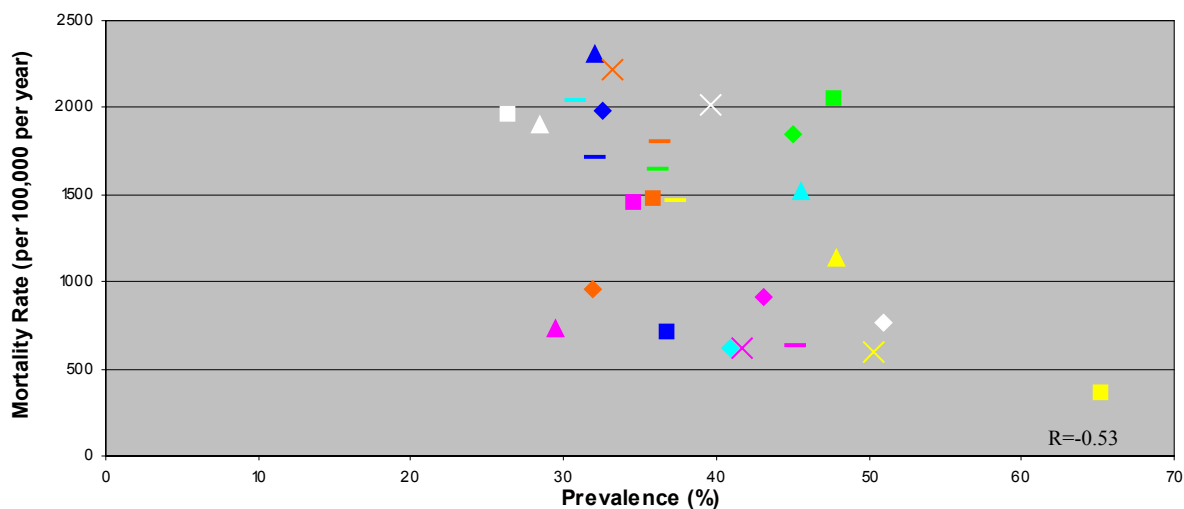
Table I6.8

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Males	Age 70-74	Period 1976 to 1980	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	1976.7	32.6	8.8	6.1
Austria	1457.9	34.6	8.7	6.3
Belgium	1142.5	47.9		
Bulgaria	1497.4			
Canada	1798.3	36.3	10.3	7.3
Czechoslovakia	1851.6	45.1		
Denmark	1958.3	26.4	3.5	3.2
Finland	2307.5	32.0	5.8	4.6
France	620.0	41.7	7.5	5.9
Germany	1462.3	37.3		
Greece	620.1	40.9	13.7	
Hungary	1479.8	35.9	9.1	
Iceland	1669.2			
Ireland	2016.6	39.6	8.7	
Israel	1706.9	32.0	5.6	
Italy	913.5	43.1	7.6	6.3
Japan	357.5	65.3	13.5	9.9
Netherlands	1516.1	45.6	8.5	
New Zealand	2216.8	33.2	8.7	7.2
Norway	1641.5	36.1	5.1	4.3
Poland	769.1	51.0	10.7	
Portugal	712.4	36.8		
Romania	734.1	29.5		
Spain	597.8	50.3	10.1	
Sweden	2042.7	30.8	2.8	2.2
Switzerland	962.8	31.9	9.6	6.9
UK	2051.9	47.7	9.2	7.0
USA	1902.7	28.5	9.9	7.3
USSR		40.6	7.2	
Yugoslavia	625.1	45.2	11.0	
N		27	22	14
R		-0.53	-0.59	-0.47

Figure I6.8

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Males Age 70-74 Period 1976 to 1980



- | | | | | | |
|---------------|---------------|-----------|------------|-----------|------------------|
| ◆ Australia | ◆ Austria | ▲ Belgium | × Bulgaria | — Canada | ◆ Czechoslovakia |
| □ Denmark | ▲ Finland | × France | — Germany | ◆ Greece | ◆ Hungary |
| ▲ Iceland | × Ireland | — Israel | ◆ Italy | ◆ Japan | ▲ Netherlands |
| × New Zealand | — Norway | ◆ Poland | ◆ Portugal | ▲ Romania | × Spain |
| — Sweden | ◆ Switzerland | ◆ UK | | × USSR | — Yugoslavia |

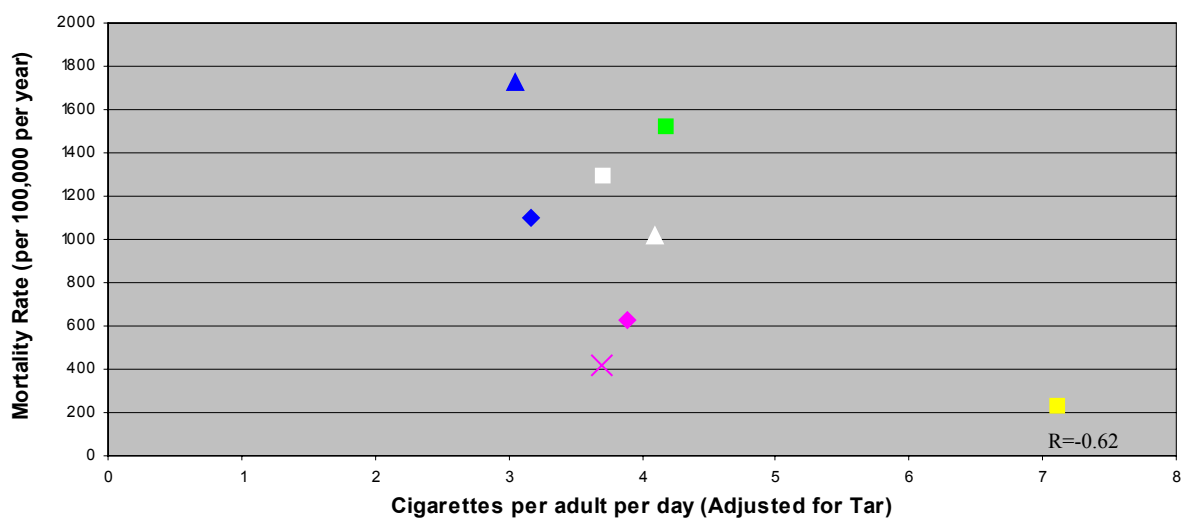
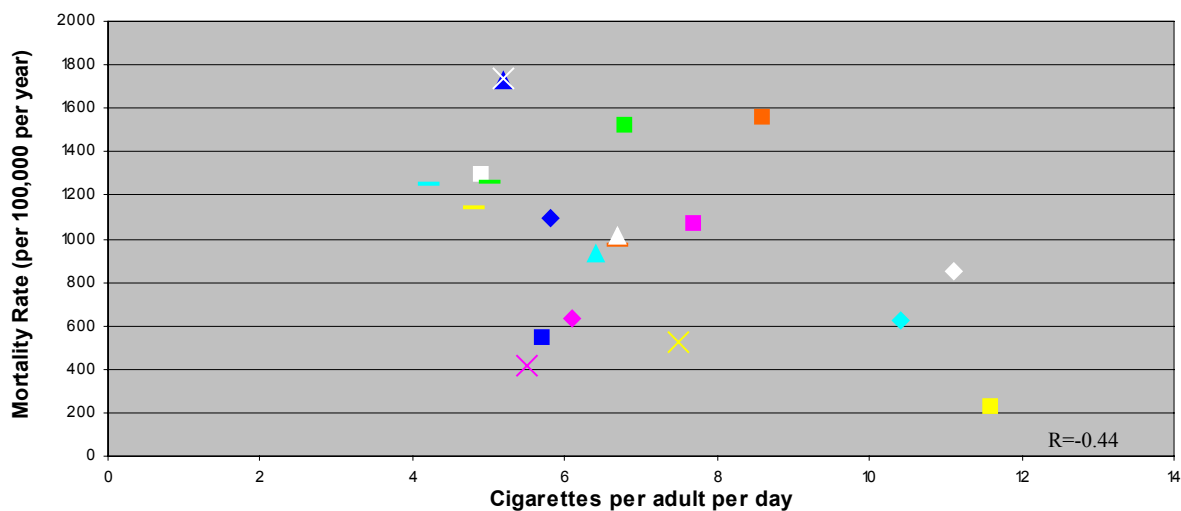
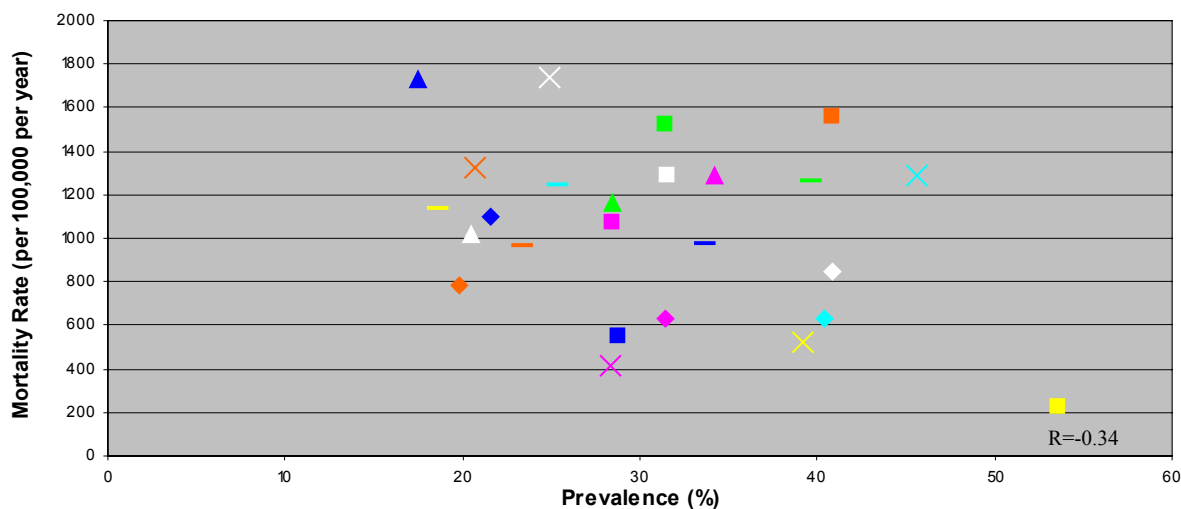
Table I6.9

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Males	Age 70-74	Period 1991 to 1995	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	1099.5	21.6	5.8	3.2
Austria	1069.1	28.5	7.7	
Belgium	662.6			
Bulgaria	1285.8	45.6		
Canada	967.1	23.4	6.7	
Czechoslovakia		31.0	3.4	
Denmark	1289.6	31.5	4.9	3.7
Finland	1731.6	17.5	5.2	3.0
France	415.6	28.3	5.5	3.7
Germany	1139.0	18.6	4.8	
Greece	628.8	40.4	10.4	
Hungary	1557.6	40.8	8.6	
Iceland	1165.7	28.5		
Ireland	1738.9	24.9	5.2	
Israel	975.0	33.7		
Italy	631.5	31.4	6.1	3.9
Japan	228.4	53.6	11.6	7.1
Netherlands	936.4		6.4	
New Zealand	1327.5	20.7		
Norway	1261.5	39.6	5.0	
Poland	850.9	40.9	11.1	
Portugal	547.4	28.8	5.7	
Romania	1290.5	34.2		
Spain	520.6	39.2	7.5	
Sweden	1244.8	25.4	4.2	
Switzerland	786.2	19.8		
UK	1521.8	31.4	6.8	4.2
USA	1014.3	20.5	6.7	4.1
USSR		38.3	8.2	
Yugoslavia		36.0	7.7	
	N	25	20	8
	R	-0.34	-0.44	-0.62

Figure I6.9

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Males Age 70-74 Period 1991 to 1995



- | | | | | | |
|---------------|-----------|------------|--------------|---------------|------------------|
| ◆ Australia | ◆ Austria | ▲ Belgium | × Bulgaria | — Canada | ◆ Czechoslovakia |
| ■ Denmark | ▲ Finland | × France | — Germany | ◆ Greece | ▲ Hungary |
| ▲ Iceland | × Ireland | — Israel | ◆ Italy | ▲ Netherlands | ▲ NewZealand |
| × Norway | ◆ Poland | ◆ Portugal | ▲ Romania | × Spain | — Sweden |
| ◆ Switzerland | ■ UK | ▲ USA | × Yugoslavia | | |

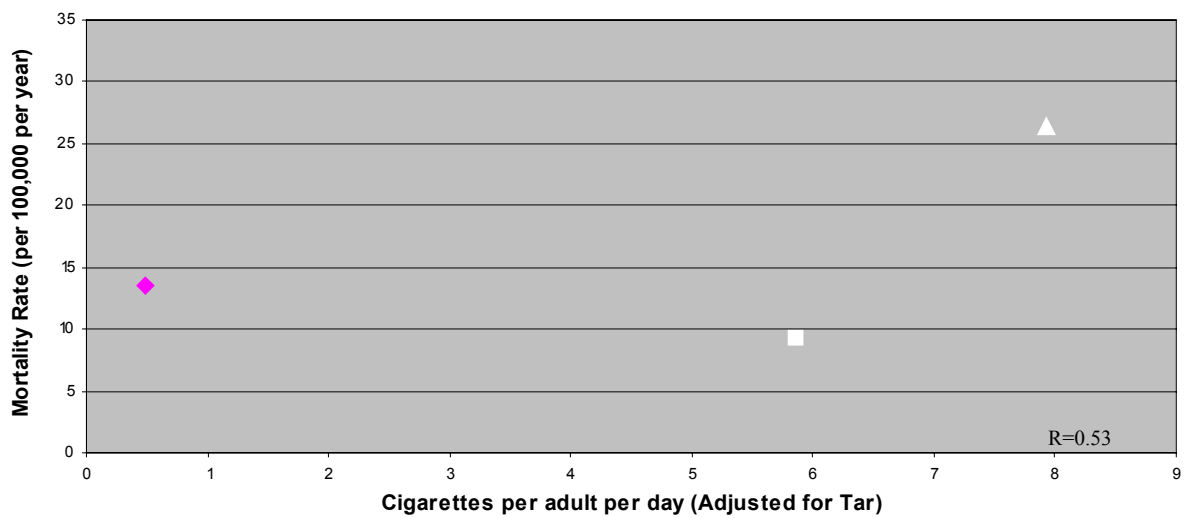
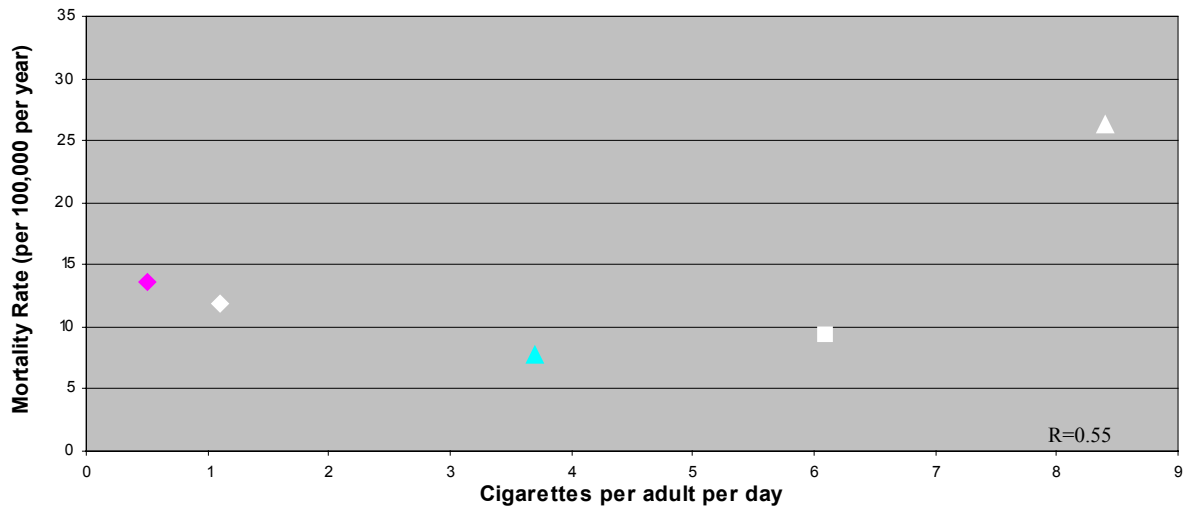
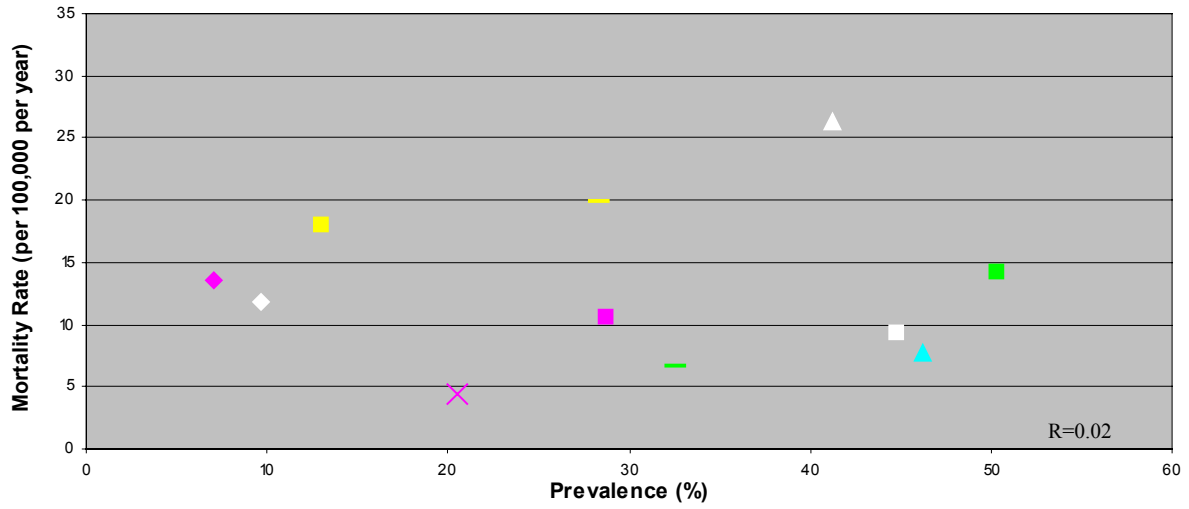
Table I6.10

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Females	Age 40-44	Period 1961 to 1965	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	22.9			
Austria	10.6	28.7		
Belgium	9.1			
Bulgaria	4.7			
Canada	15.1			
Czechoslovakia	8.9			
Denmark	9.3	44.8	6.1	5.9
Finland	18.2			
France	4.5	20.5		
Germany	19.8	28.3		
Greece	8.4			
Hungary	29.4			
Iceland	15.8			
Ireland	24.0			
Israel	10.4			
Italy	13.6	7.1	0.5	0.5
Japan	17.9	13.0		
Netherlands	7.7	46.2	3.7	
New Zealand	16.2			
Norway	6.6	32.5		
Poland	11.9	9.7	1.1	
Portugal	9.1			
Romania	11.8			
Spain	10.1			
Sweden	6.1			
Switzerland	13.3			
UK	14.2	50.3		
USA	26.4	41.2	8.4	7.9
USSR				
Yugoslavia	7.9			
	N	11	5	3
	R	0.02	0.55	0.53

Figure I6.10

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Females Age 40-44 Period 1961 to 1965



- | | | | | | |
|---------------|-----------|------------|------------|---------------|------------------|
| ◆ Australia | ◆ Austria | ▲ Belgium | ⊗ Bulgaria | — Canada | ◆ Czechoslovakia |
| □ Denmark | ▲ Finland | ⊗ France | — Germany | ◆ Greece | ◆ Hungary |
| ▲ Iceland | ⊗ Ireland | — Israel | ◆ Italy | ▲ Netherlands | ◆ New Zealand |
| — Norway | ◆ Poland | ◆ Portugal | ▲ Romania | — Spain | — Sweden |
| ◆ Switzerland | ■ UK | ▲ USA | ⊗ USSR | — Yugoslavia | |

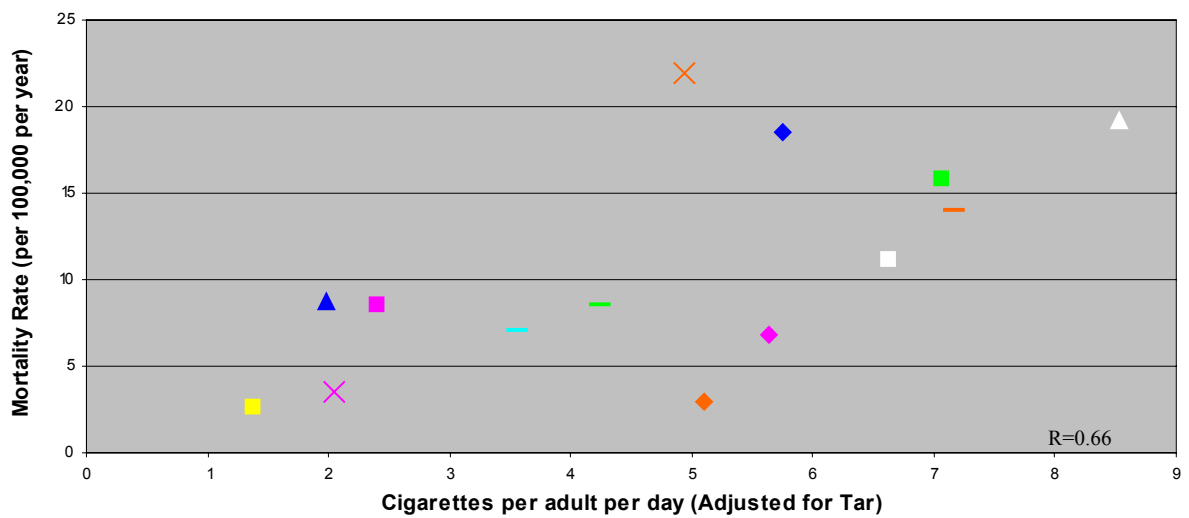
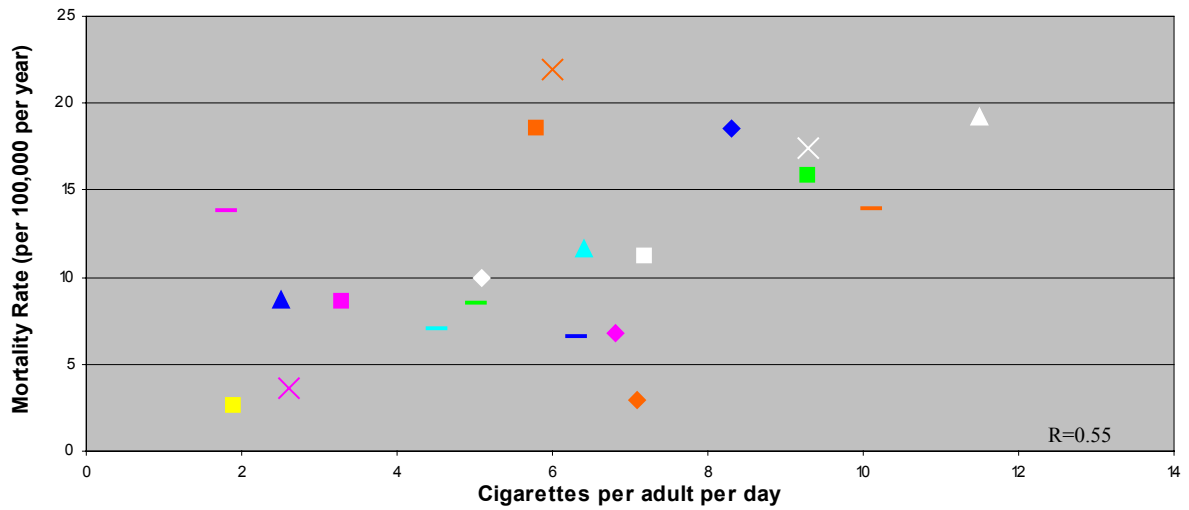
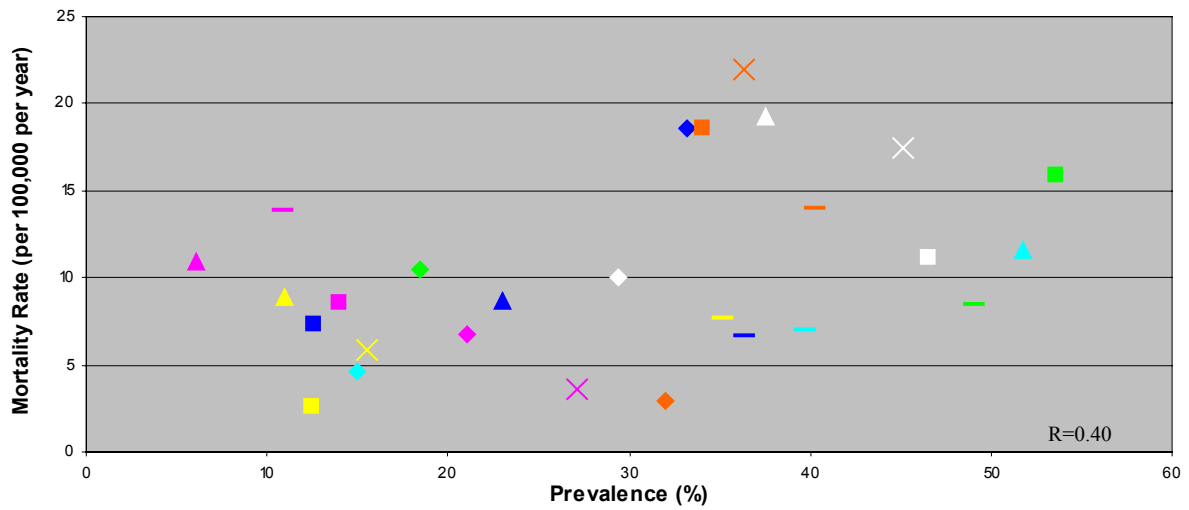
Table I6.11

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Females	Age 40-44	Period 1976 to 1980	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	18.5	33.2	8.3	5.8
Austria	8.5	14.0	3.3	2.4
Belgium	9.0	11.0		
Bulgaria	9.3			
Canada	14.0	40.2	10.1	7.2
Czechoslovakia	10.5	18.4		
Denmark	11.2	46.5	7.2	6.6
Finland	8.7	23.0	2.5	2.0
France	3.6	27.1	2.6	2.0
Germany	7.6	35.1		
Greece	4.6	15.0		
Hungary	18.6	34.1	5.8	
Iceland	7.4			
Ireland	17.5	45.1	9.3	
Israel	6.6	36.4	6.3	
Italy	6.8	21.1	6.8	5.6
Japan	2.6	12.5	1.9	1.4
Netherlands	11.6	51.8	6.4	
New Zealand	21.9	36.3	6.0	4.9
Norway	8.5	49.0	5.0	4.2
Poland	10.0	29.4	5.1	
Portugal	7.3	12.6		
Romania	10.9	6.1		
Spain	5.9	15.5		
Sweden	7.0	39.7	4.5	3.6
Switzerland	3.0	32.0	7.1	5.1
UK	15.8	53.6	9.3	7.1
USA	19.2	37.5	11.5	8.5
USSR		14.8	2.8	
Yugoslavia	13.8	10.8	1.8	
	N	27	20	14
	R	0.40	0.55	0.66

Figure I6.11

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Females Age 40-44 Period 1976 to 1980



- | | | | | | |
|-------------|---------------|------------|------------|---------------|------------------|
| ◆ Australia | ■ Austria | ▲ Belgium | × Bulgaria | — Canada | ◆ Czechoslovakia |
| □ Denmark | ▲ Finland | × France | — Germany | ◆ Greece | ■ Hungary |
| ▲ Iceland | × Ireland | — Israel | ◆ Italy | ▲ Netherlands | ▲ New Zealand |
| × Norway | ◆ Poland | ◆ Portugal | ▲ Romania | × Spain | — Switzerland |
| — Sweden | ◆ Switzerland | ■ UK | ▲ USA | × USSR | — Yugoslavia |

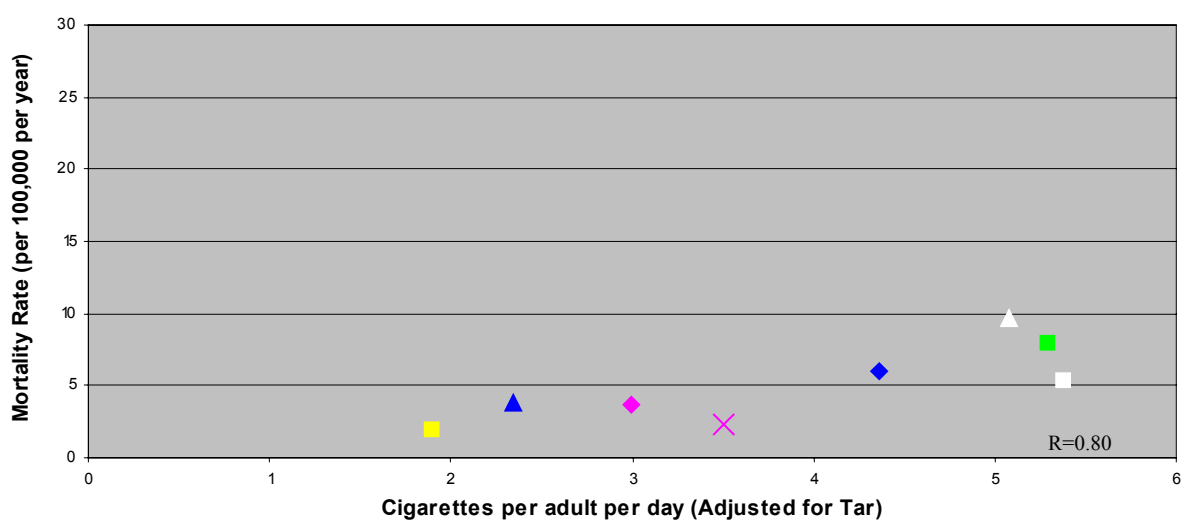
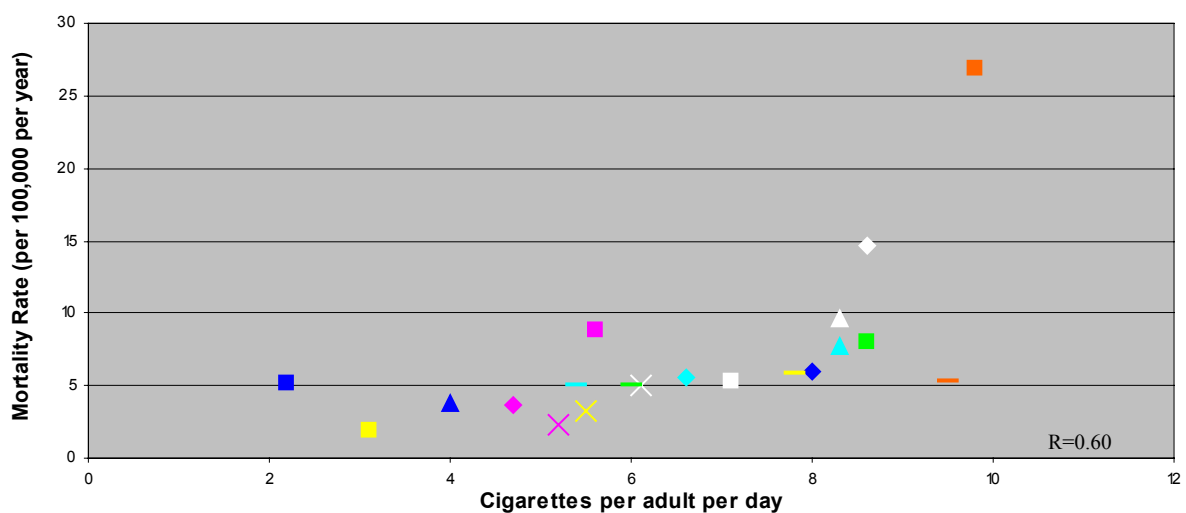
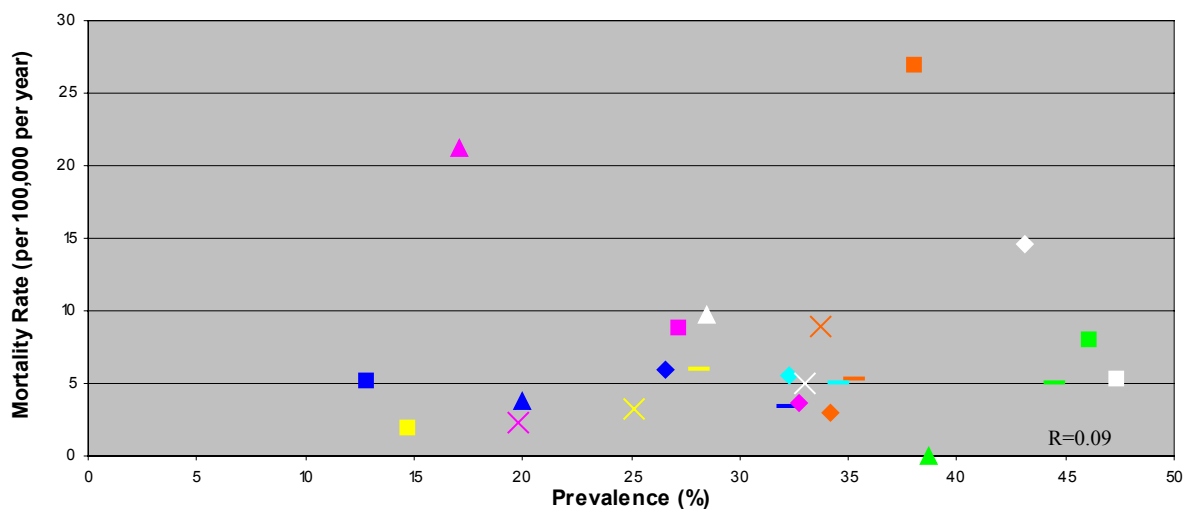
Table I6.12

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Females	Age 40-44	Period 1991 to 1995	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	6.0	26.6	8.0	4.4
Austria	8.8	27.2	5.6	
Belgium	5.8			
Bulgaria	13.3			
Canada	5.3	35.3	9.5	
Czechoslovakia		39.4	4.8	
Denmark	5.3	47.4	7.1	5.4
Finland	3.8	20.0	4.0	2.3
France	2.3	19.8	5.2	3.5
Germany	5.9	28.1	7.8	
Greece	5.6	32.3	6.6	
Hungary	26.8	38.1	9.8	
Iceland	0.0	38.7		
Ireland	5.0	33.0	6.1	
Israel	3.4	32.2		
Italy	3.7	32.7	4.7	3.0
Japan	1.9	14.7	3.1	1.9
Netherlands	7.8		8.3	
New Zealand	9.0	33.7		
Norway	5.0	44.5	6.0	
Poland	14.6	43.1	8.6	
Portugal	5.2	12.8	2.2	
Romania	21.3	17.1		
Spain	3.2	25.1	5.5	
Sweden	5.0	34.5	5.4	
Switzerland	3.0	34.2		
UK	8.0	46.1	8.6	5.3
USA	9.7	28.5	8.3	5.1
USSR		11.0	0.4	
Yugoslavia		30.9	3.9	
	N	24	20	8
	R	0.09	0.60	0.80

Figure I6.12

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Females Age 40-44 Period 1991 to 1995



- | | | | | | |
|--------------|---------------|-----------|------------|-----------|------------------|
| ◆ Australia | ◆ Austria | ▲ Belgium | × Bulgaria | — Canada | ◆ Czechoslovakia |
| ■ Denmark | ▲ Finland | × France | — Germany | ◆ Greece | ■ Hungary |
| ▲ Iceland | × Ireland | — Israel | ◆ Italy | ▲ Japan | ▲ Netherlands |
| × NewZealand | — Norway | ◆ Poland | ◆ Portugal | ▲ Romania | × Spain |
| — Sweden | ◆ Switzerland | ■ UK | ▲ USA | × USSR | — Yugoslavia |

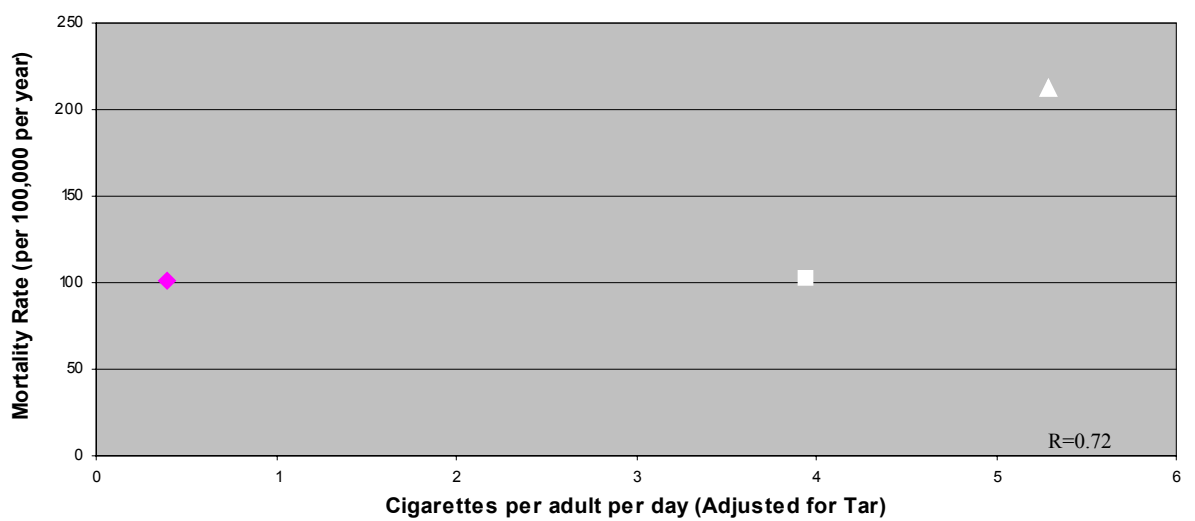
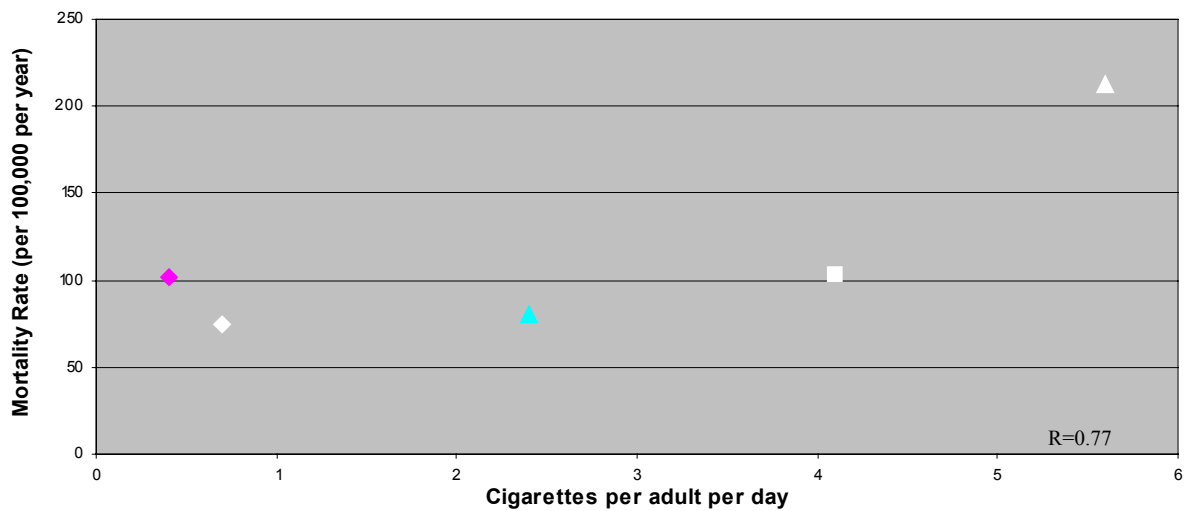
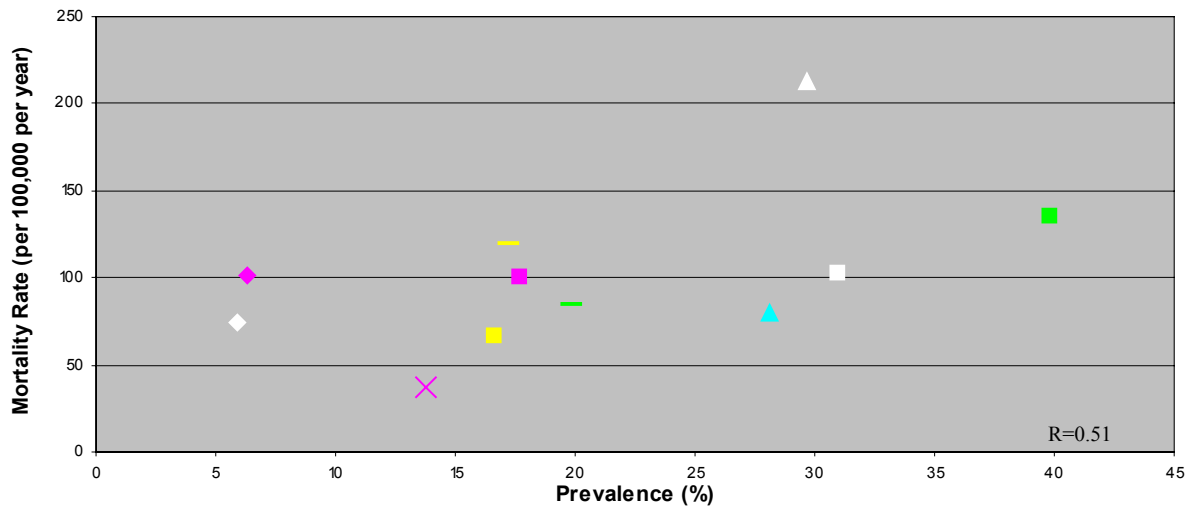
Table I6.13

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier, by country, showing Pearson correlation coefficients

	Females	Age 55-59	Period 1961 to 1965	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	210.6			
Austria	99.7	17.7		
Belgium	82.6			
Bulgaria	52.7			
Canada	176.3			
Czechoslovakia	77.9			
Denmark	102.8	31.0	4.1	3.9
Finland	167.6			
France	37.0	13.8		
Germany	119.1	17.2		
Greece	38.9			
Hungary	159.3			
Iceland	53.8			
Ireland	186.6			
Israel	182.3			
Italy	101.7	6.3	0.4	0.4
Japan	66.7	16.6		
Netherlands	79.8	28.1	2.4	
New Zealand	193.7			
Norway	84.3	19.8		
Poland	74.5	5.9	0.7	
Portugal	71.7			
Romania	92.6			
Spain	49.3			
Sweden	94.2			
Switzerland	105.3			
UK	135.5	39.8		
USA	212.7	29.7	5.6	5.3
USSR				
Yugoslavia	126.0			
	N	11	5	3
	R	0.51	0.77	0.72

Figure I6.13

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Females Age 55-59 Period 1961 to 1965



- | | | | | | |
|---------------|-----------|------------|------------|---------------|------------------|
| ◆ Australia | ◆ Austria | ▲ Belgium | ⊗ Bulgaria | — Canada | ◆ Czechoslovakia |
| ■ Denmark | ▲ Finland | ⊗ France | — Germany | ◆ Greece | ■ Hungary |
| ▲ Iceland | ⊗ Ireland | — Israel | ◆ Italy | ▲ Netherlands | ▲ New Zealand |
| — Norway | ◆ Poland | ◆ Portugal | ▲ Romania | — Spain | — Sweden |
| ◆ Switzerland | ■ UK | ▲ USA | ⊗ USSR | — Yugoslavia | |

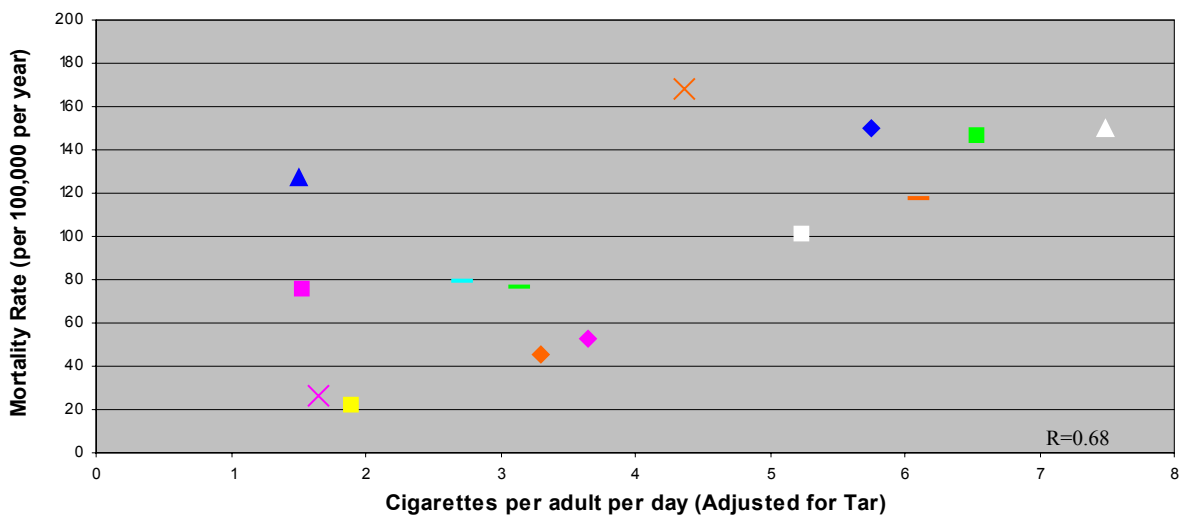
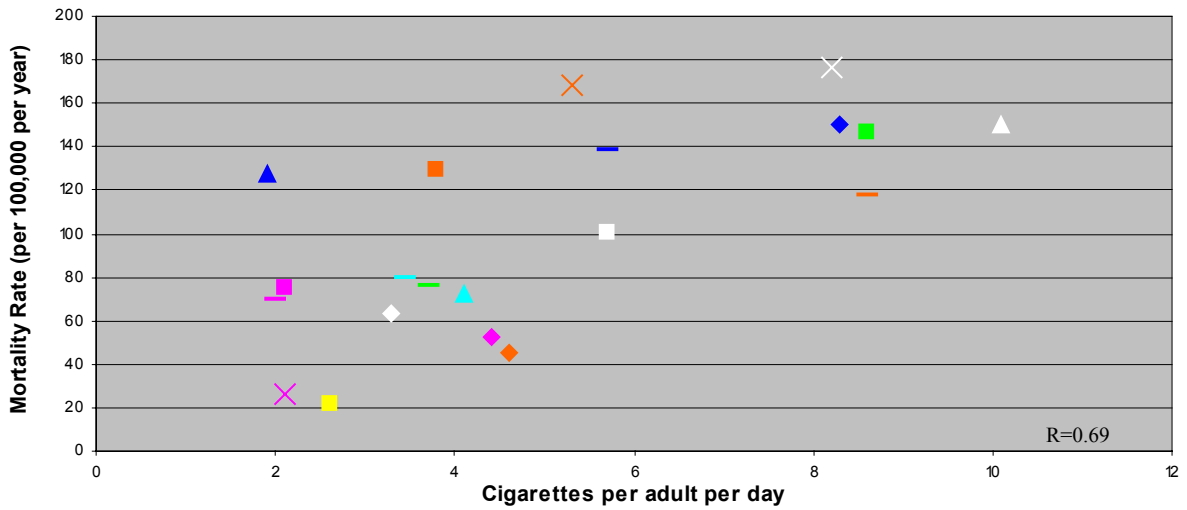
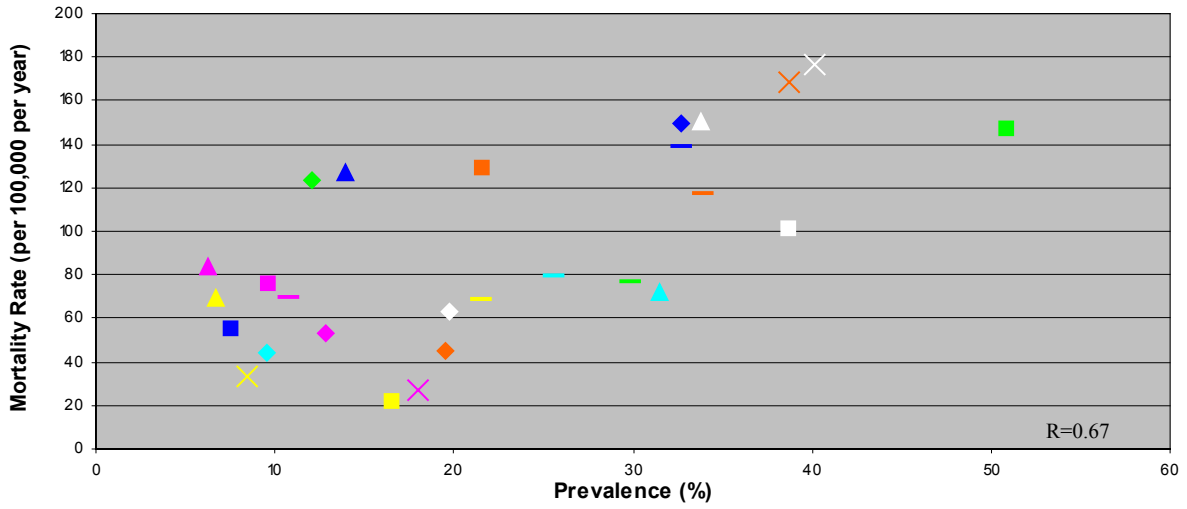
Table I6.14

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Females	Age 55-59	Period 1976 to 1980	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	149.8	32.7	8.3	5.8
Austria	75.3	9.6	2.1	1.5
Belgium	69.0	6.7		
Bulgaria	81.5			
Canada	117.4	33.9	8.6	6.1
Czechoslovakia	123.2	12.1		
Denmark	100.7	38.7	5.7	5.2
Finland	127.4	13.9	1.9	1.5
France	26.6	18.0	2.1	1.6
Germany	68.5	21.5		
Greece	44.5	9.5		
Hungary	129.0	21.6	3.8	
Iceland	92.8			
Ireland	176.2	40.1	8.2	
Israel	138.8	32.7	5.7	
Italy	52.9	12.8	4.4	3.6
Japan	21.9	16.6	2.6	1.9
Netherlands	72.3	31.5	4.1	
New Zealand	168.1	38.7	5.3	4.4
Norway	76.4	29.8	3.7	3.1
Poland	63.4	19.7	3.3	
Portugal	54.8	7.6		
Romania	84.1	6.3		
Spain	33.1	8.4		
Sweden	79.2	25.6	3.4	2.7
Switzerland	45.0	19.5	4.6	3.3
UK	146.5	50.9	8.6	6.5
USA	150.1	33.8	10.1	7.5
USSR		8.3	0.9	
Yugoslavia	69.2	10.7	2.0	
	N	27	20	14
	R	0.67	0.69	0.68

Figure I6.14

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Females Age 55-59 Period 1976 to 1980



- | | | | | | |
|---------------|-----------|------------|------------|---------------|------------------|
| ◆ Australia | ■ Austria | ▲ Belgium | ⊠ Bulgaria | — Canada | ◆ Czechoslovakia |
| □ Denmark | ▲ Finland | × France | — Germany | — Hungary | ▲ Iceland |
| × Ireland | — Israel | ◆ Italy | — Japan | ▲ Netherlands | ▲ New Zealand |
| — Norway | ◆ Poland | — Portugal | — Romania | × Spain | — Sweden |
| ◆ Switzerland | ◆ UK | — USA | — USSR | — Yugoslavia | |

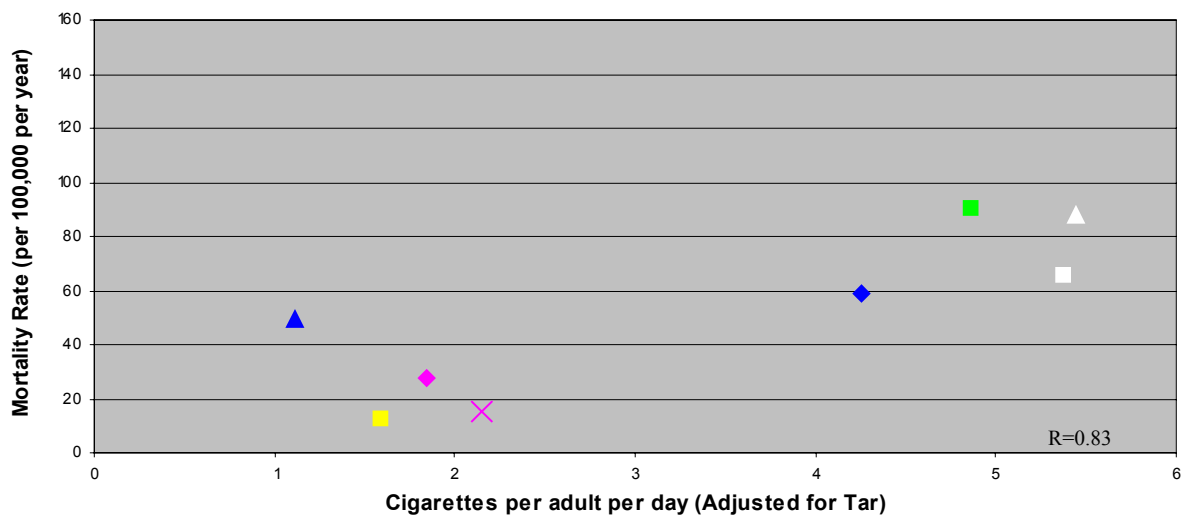
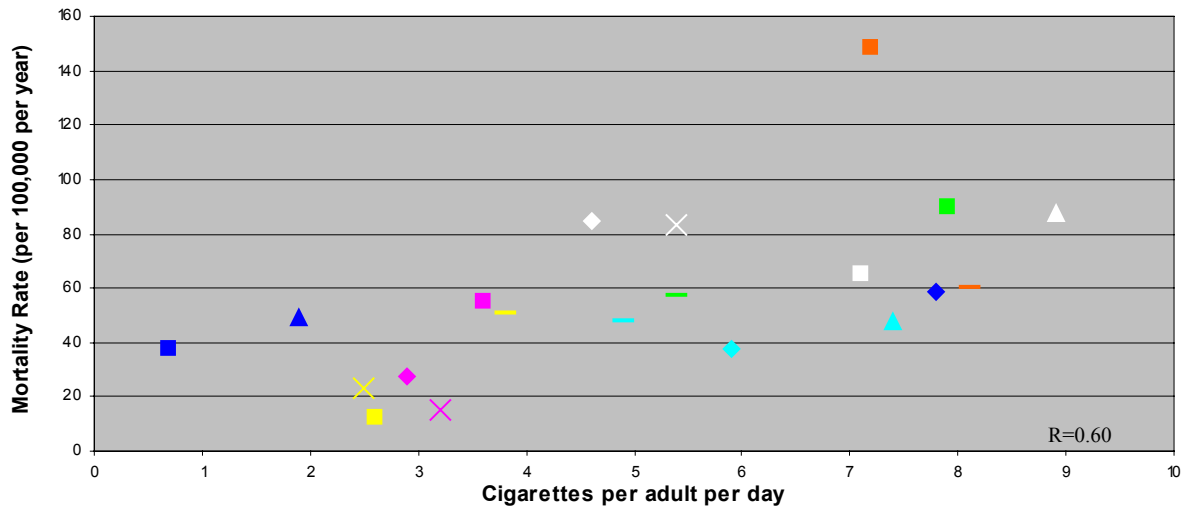
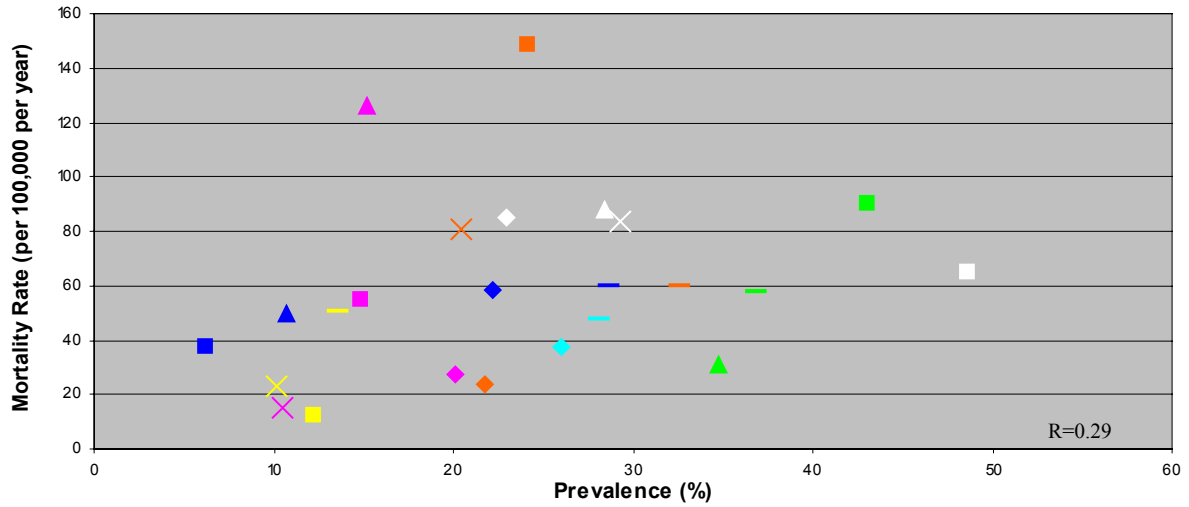
Table I6.15

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Females	Age 55-59	Period 1991 to 1995	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	58.7	22.2	7.8	4.3
Austria	55.0	14.9	3.6	
Belgium	32.9			
Bulgaria	97.6			
Canada	59.8	32.6	8.1	
Czechoslovakia		26.6	2.1	
Denmark	65.1	48.6	7.1	5.4
Finland	49.5	10.7	1.9	1.1
France	15.3	10.5	3.2	2.2
Germany	50.8	13.6	3.8	
Greece	37.8	26.0	5.9	
Hungary	148.6	24.2	7.2	
Iceland	31.0	34.7		
Ireland	83.4	29.3	5.4	
Israel	60.0	28.6		
Italy	27.6	20.1	2.9	1.8
Japan	12.3	12.2	2.6	1.6
Netherlands	48.0		7.4	
New Zealand	80.8	20.4		
Norway	57.4	36.8	5.4	
Poland	84.7	23.0	4.6	
Portugal	37.6	6.2	0.7	
Romania	125.9	15.2		
Spain	22.9	10.2	2.5	
Sweden	47.8	28.1	4.9	
Switzerland	23.8	21.7		
UK	90.1	43.1	7.9	4.9
USA	87.7	28.4	8.9	5.4
USSR		5.7	0.3	
Yugoslavia		19.6	2.5	
	N	24	20	8
	R	0.29	0.60	0.83

Figure I6.15

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Females Age 55-59 Period 1991 to 1995



- | | | | | | |
|---------------|---------------|-----------|------------|-----------|------------------|
| ◆ Australia | ◆ Austria | ◆ Belgium | ◆ Bulgaria | ◆ Canada | ◆ Czechoslovakia |
| □ Denmark | ▲ Finland | × France | ◆ Germany | ◆ Greece | ◆ Hungary |
| ▲ Iceland | × Ireland | ◆ Israel | ◆ Italy | ◆ Japan | ▲ Netherlands |
| × New Zealand | ◆ Norway | ◆ Poland | ◆ Portugal | ◆ Romania | × Spain |
| ◆ Sweden | ◆ Switzerland | ◆ UK | ◆ USA | × USSR | ◆ Yugoslavia |

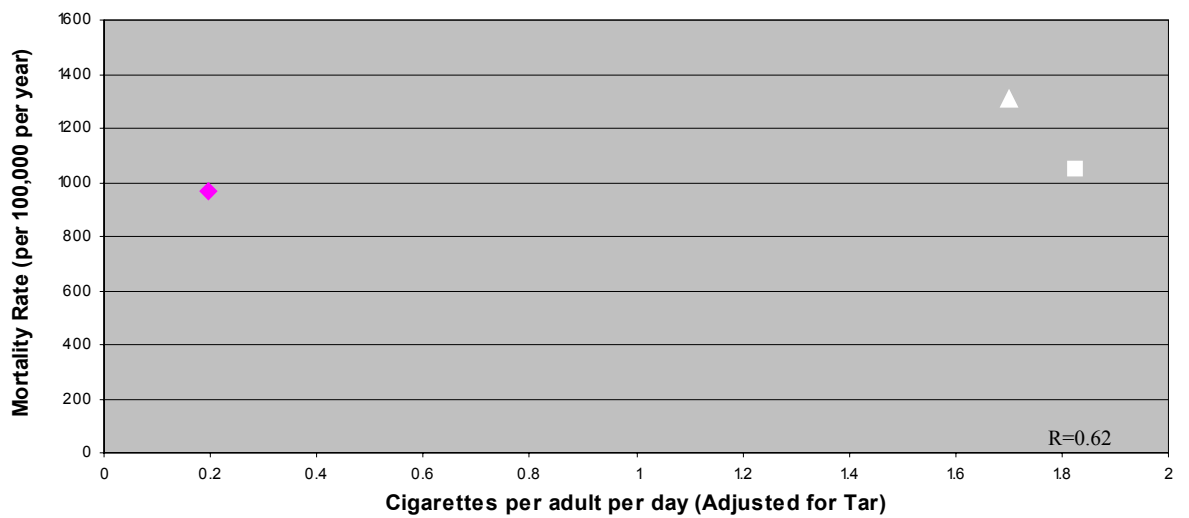
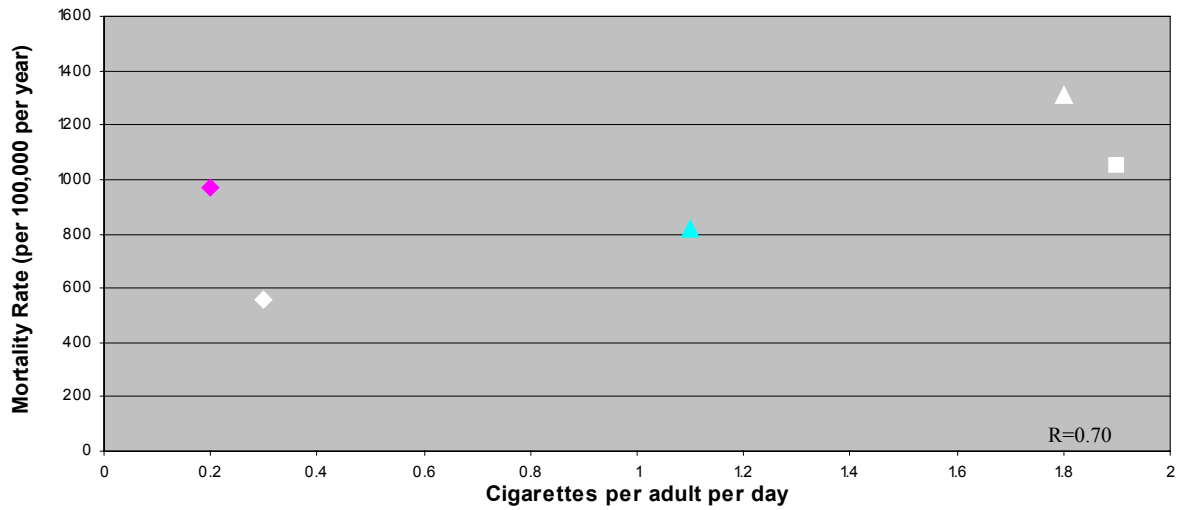
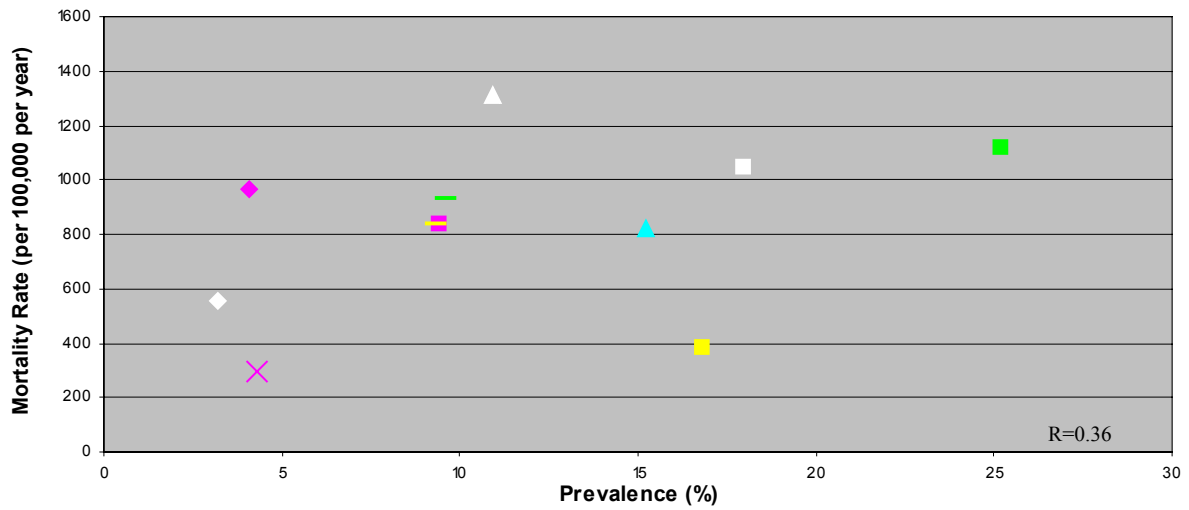
Table I6.16

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Females	Age 70-74	Period 1961 to 1965	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	1307.0			
Austria	836.9	9.5		
Belgium	480.7			
Bulgaria	759.6			
Canada	1224.9			
Czechoslovakia	789.7			
Denmark	1047.4	18.0	1.9	1.8
Finland	1412.4			
France	292.4	4.3		
Germany	835.4	9.3		
Greece	484.1			
Hungary	1136.3			
Iceland	672.4			
Ireland	1180.9			
Israel	1317.7			
Italy	969.4	4.1	0.2	0.2
Japan	383.8	16.8		
Netherlands	821.6	15.2	1.1	
New Zealand	1186.3			
Norway	932.4	9.6		
Poland	554.8	3.2	0.3	
Portugal	781.8			
Romania	811.2			
Spain	360.2			
Sweden	1046.4			
Switzerland	977.3			
UK	1119.7	25.2		
USA	1311.8	10.9	1.8	1.7
USSR				
Yugoslavia	1139.2			
	N	11	5	3
	R	0.36	0.70	0.62

Figure I6.16

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Females Age 70-74 Period 1961 to 1965



- | | | | | | |
|--------------|---------------|-----------|------------|---------------|------------------|
| ◆ Australia | ◆ Austria | ▲ Belgium | ⊗ Bulgaria | — Canada | ◆ Czechoslovakia |
| ■ Denmark | ▲ Finland | × France | — Germany | — Hungary | — Iceland |
| ▲ NewZealand | × Ireland | — Israel | ◆ Italy | ▲ Netherlands | — Norway |
| — Sweden | — Switzerland | ◆ Poland | ■ Portugal | ▲ Romania | — Spain |
| | | ■ UK | ▲ USA | × USSR | — Yugoslavia |

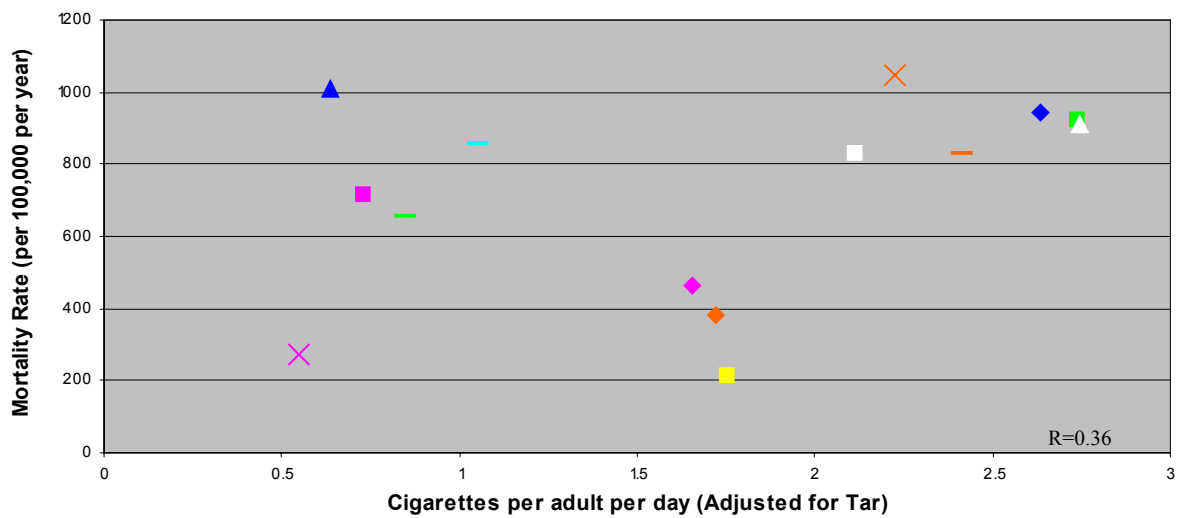
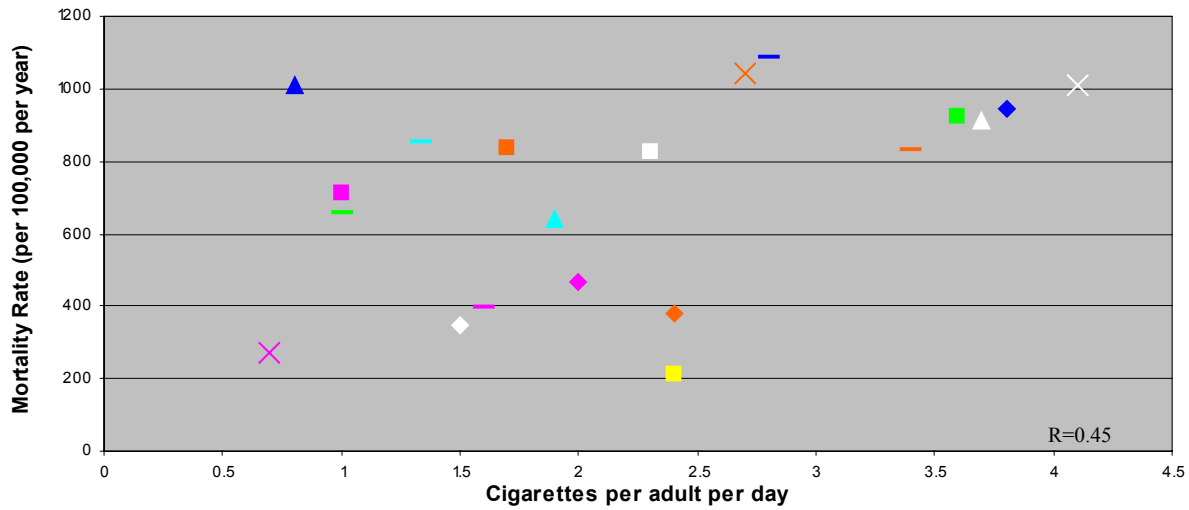
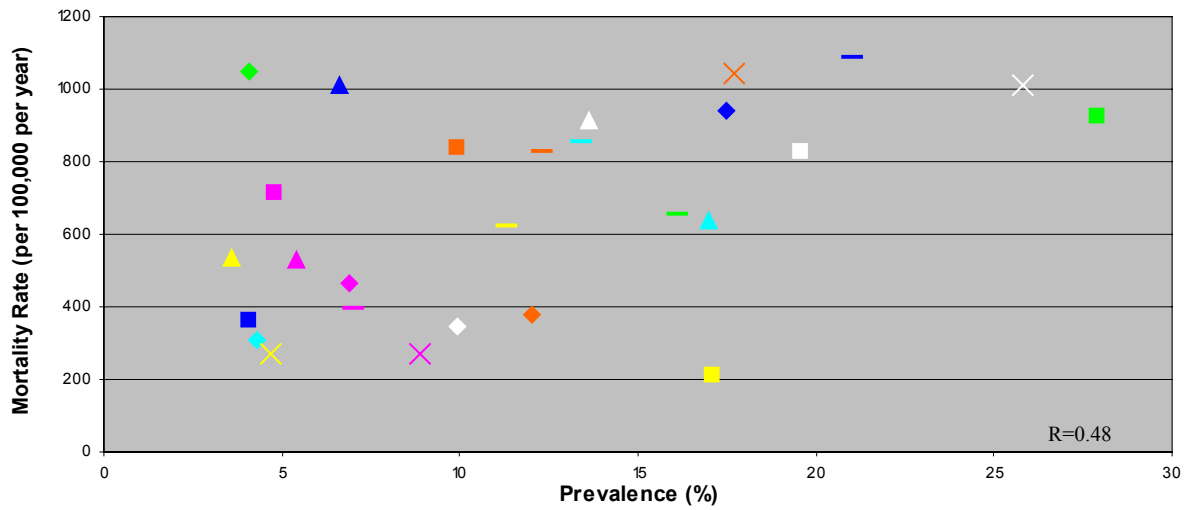
Table I6.17

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Females	Age 70-74	Period 1976 to 1980	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	942.5	17.5	3.8	2.6
Austria	714.0	4.8	1.0	0.7
Belgium	537.7	3.6		
Bulgaria	1079.7			
Canada	828.7	12.3	3.4	2.4
Czechoslovakia	1047.9	4.1		
Denmark	827.1	19.6	2.3	2.1
Finland	1011.5	6.6	0.8	0.6
France	272.4	8.9	0.7	0.5
Germany	622.3	11.3		
Greece	307.3	4.3		
Hungary	835.4	9.9	1.7	
Iceland	695.4			
Ireland	1012.0	25.8	4.1	
Israel	1085.0	21.0	2.8	
Italy	464.8	6.9	2.0	1.7
Japan	212.2	17.1	2.4	1.8
Netherlands	640.1	17.0	1.9	
New Zealand	1044.6	17.7	2.7	2.2
Norway	654.3	16.1	1.0	0.8
Poland	347.8	9.9	1.5	
Portugal	363.2	4.1		
Romania	530.6	5.4		
Spain	272.0	4.7		
Sweden	854.7	13.4	1.3	1.1
Switzerland	379.9	12.0	2.4	1.7
UK	923.8	27.9	3.6	2.7
USA	911.2	13.6	3.7	2.7
USSR		8.1	1.4	
Yugoslavia	394.6	7.0	1.6	
	N	27	20	14
	R	0.48	0.45	0.36

Figure I6.17

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Females Age 70-74 Period 1976 to 1980



- | | | | | | |
|--------------|---------------|-----------|------------|---------------|------------------|
| ◆ Australia | ■ Austria | ▲ Belgium | × Bulgaria | — Canada | ◆ Czechoslovakia |
| □ Denmark | ▲ Finland | × France | — Germany | — Greece | ■ Hungary |
| ▲ Iceland | × Ireland | — Israel | ◆ Italy | ▲ Netherlands | ■ Japan |
| × NewZealand | — Norway | ◆ Poland | ■ Portugal | ▲ Romania | × Spain |
| — Sweden | ◆ Switzerland | ■ UK | ▲ USA | × USSR | — Yugoslavia |

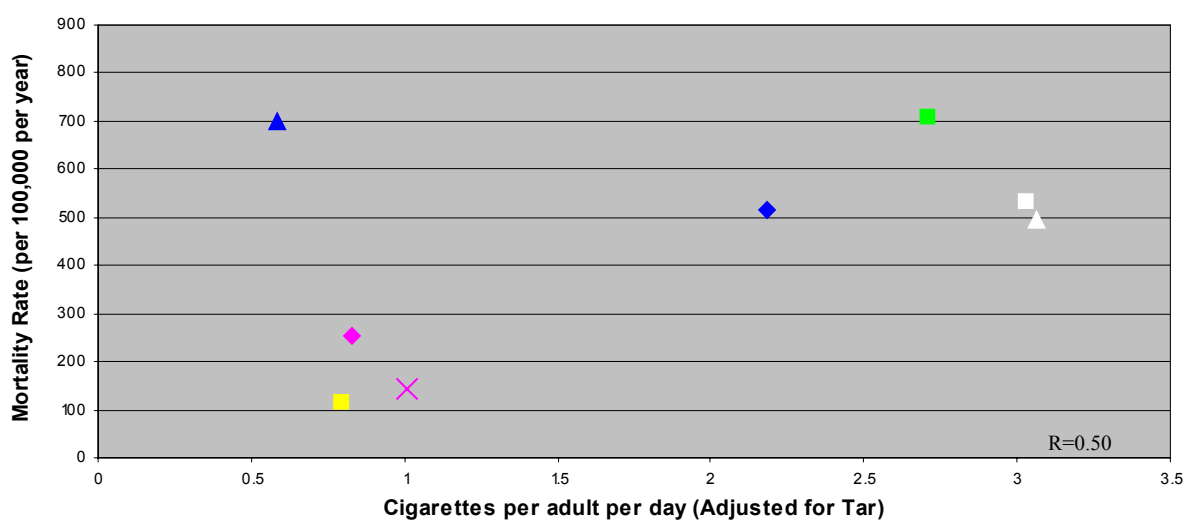
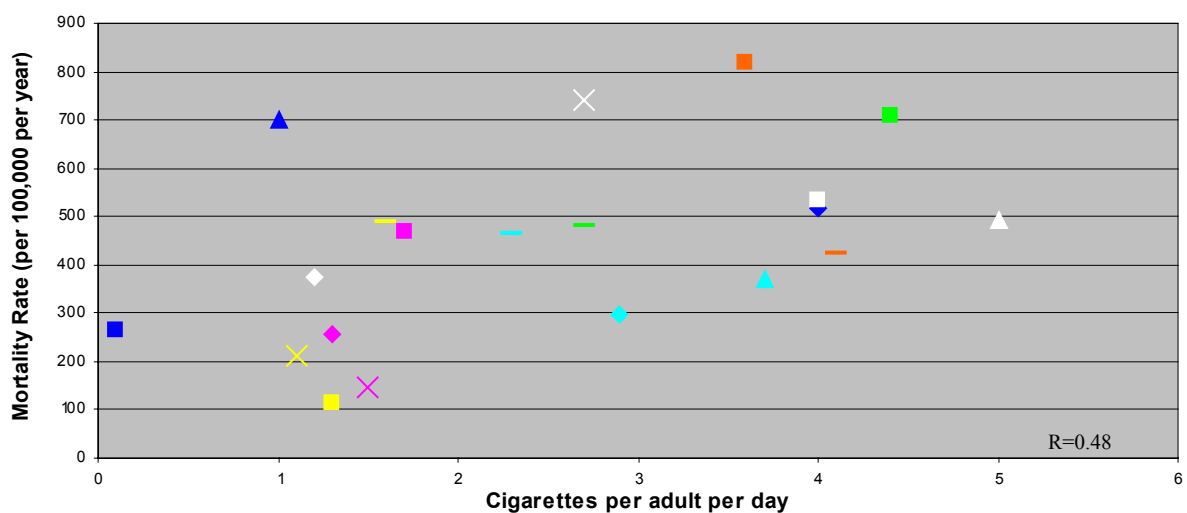
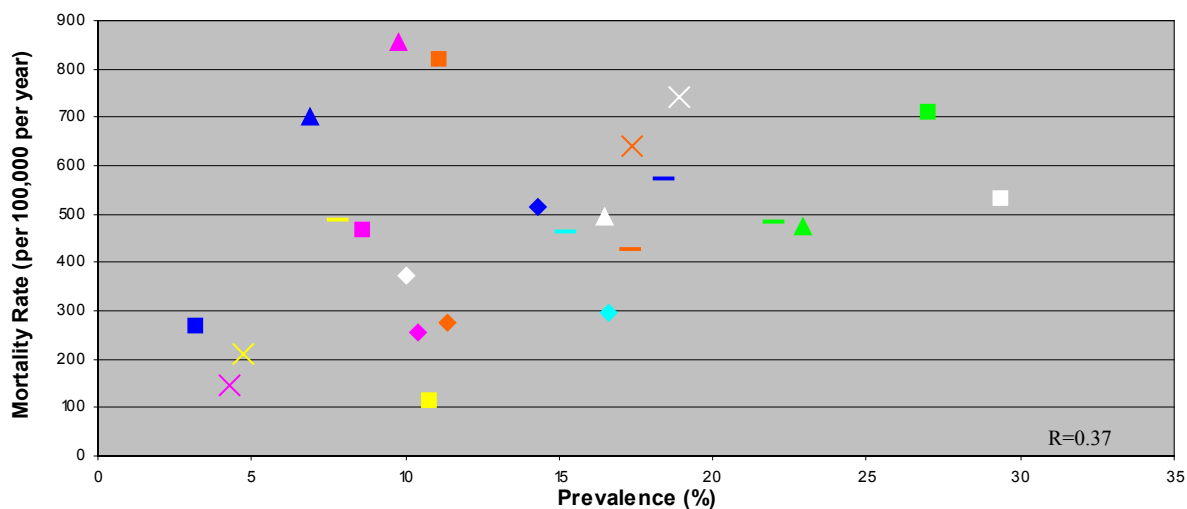
Table I6.18

IHD mortality rates (per 100,000 per year) and smoking habits 5 years earlier,
by country, showing Pearson correlation coefficients

	Females	Age 70-74	Period 1991 to 1995	
	Mortality rate	Prevalence	Consumption	Cons tar adj
Australia	516.3	14.3	4.0	2.2
Austria	466.8	8.6	1.7	
Belgium	289.4			
Bulgaria	763.2			
Canada	424.4	17.3	4.1	
Czechoslovakia		14.4	1.0	
Denmark	532.3	29.4	4.0	3.0
Finland	701.1	6.9	1.0	0.6
France	144.7	4.3	1.5	1.0
Germany	487.6	7.8	1.6	
Greece	297.6	16.6	2.9	
Hungary	819.8	11.1	3.6	
Iceland	475.0	22.9		
Ireland	743.2	18.9	2.7	
Israel	572.8	18.4		
Italy	255.2	10.4	1.3	0.8
Japan	113.2	10.8	1.3	0.8
Netherlands	369.9		3.7	
New Zealand	641.1	17.4		
Norway	481.2	22.0	2.7	
Poland	374.0	10.0	1.2	
Portugal	265.9	3.2	0.1	
Romania	854.0	9.8		
Spain	211.7	4.7	1.1	
Sweden	462.5	15.2	2.3	
Switzerland	275.3	11.4		
UK	709.6	27.0	4.4	2.7
USA	493.2	16.5	5.0	3.1
USSR		3.3	0.2	
Yugoslavia		8.9	1.0	
	N	24	20	8
	R	0.37	0.48	0.50

Figure I6.18

Scatter plots relating IHD mortality to smoking habits 5 years earlier
 Females Age 70-74 Period 1991 to 1995



- | | | | | | |
|--------------|---------------|-----------|------------|-----------|------------------|
| ◆ Australia | ◆ Austria | ◆ Belgium | ◆ Bulgaria | ◆ Canada | ◆ Czechoslovakia |
| □ Denmark | ▲ Finland | × France | — Germany | ◆ Greece | ◆ Hungary |
| ▲ Iceland | × Ireland | ◆ Israel | ◆ Italy | ◆ Japan | ◆ Netherlands |
| × NewZealand | — Norway | ◆ Poland | ◆ Portugal | ◆ Romania | × Spain |
| — Sweden | ◆ Switzerland | ◆ UK | ◆ USA | × USSR | — Yugoslavia |

