

Table 3

Relative risk of leukaemia in infants born in 1987 and 1988 in Wales and Scotland and exposed to Chernobyl fallout compared with group born in the 11 year period 1975-86. Also shown is the risk in the unexposed group born between 1989 and 1991.

(I) Wales

Group	Observed Cases	Expected Cases	^a O/E=Relative Risk	^b Poisson P
Unexposed (I) 1975-86	5	-	1.0	-
Exposed Jan 1987 to June 1988	3	0.675	4.4	0.004
1988 alone	4	0.45	8.9	0.002
1987 & 88				
Unexposed (II) 1989-91	3	1.36	2.2	0.143

(II) Scotland

Group	Observed Cases	Expected Cases	^a O/E=Relative Risk	^b Poisson P
Unexposed (I) 1975-86	18	-	1.0	-
Exposed Jan 1987 to June 1988	9	2.46	3.7	0.001
1987 & 88	10	3.28	3.05	0.002
Unexposed (II) 1989-91	4	4.9	0.8	0.566

(III) Wales and Scotland combined

Group	Observed Cases	Expected Cases	^a O/E=Relative Risk	^b Poisson P
Unexposed (I) 1975-86	23	-	1.0	-
Exposed Jan 1987 to June 1988	12	3.1	3.87	0.0001
1987 & 88	14	4.18	3.37	0.0001
Unexposed (II) 1989-91	7	6.27	1.1	0.47

^a Based on the unexposed group (I)

^b Probability assuming a Poisson distribution that the number of observed cases or more than that number might occur by chance.