

Interactive RadioEpidemiological Program

Summary Report

Date of Run: 9/8/2011
Time of Run: 4:31:14 PM

IREP version: 5.5
Analytica/ADE version: 4.2 64-bit

Information Used In Assigned Share (Probability of Causation) Calculation:

Gender: Female Race (skin cancer only): N/A
Birth Year: 1930 Year of Diagnosis: 2005
Cancer Model: Lung (162)
Smoking history (trachea, bronchus, or lung cancer only): >40 cig/day (currently)

IREP Assumptions and Settings:

User Defined Uncertainty Distribution: Lognormal(1,1)
Number of Iterations: 2000 Random Number Seed: 99

General Exposure Information:

#	Exp. Year	Organ Dose (cSv)	Exp. Rate	Radiation Type
1	1950	Lognormal (2, 2)	chronic	photons E>250keV
2	1951	Lognormal (2, 1.5)	chronic	photons E>250keV
3	1952	Lognormal (1, 3)	chronic	photons E>250keV
4	1953	Lognormal (3, 1.5)	chronic	photons E>250keV
5	1954	Lognormal (2, 2)	chronic	photons E>250keV
6	1950	Logtriangular (1, 2, 3)	chronic	alpha
7	1951	Logtriangular (1, 2, 3)	chronic	alpha
8	1952	Logtriangular (1, 2, 3)	chronic	alpha
9	1953	Logtriangular (1, 2, 3)	chronic	alpha
10	1954	Logtriangular (1, 2, 3)	chronic	alpha

Radon Exposure Information:

N/A (applies only to cases of Lung Cancer with Radon Exposures)

ASSIGNED SHARE (PROBABILITY OF CAUSATION) RESULTS:

Percentile	Assigned Share
1st	0.310 %
5th	0.705 %
50th	4.634 %
95th	21.322 %
99th	37.098 %

If you would like to see more percentiles, click here: [More Percentiles](#)

To perform another calculation, click here: [New Calculation](#)
