

# Interactive RadioEpidemiological Program

## Summary Report

Date of Run: 6/24/2011  
Time of Run: 4:28:26 PM

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

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

Gender: Female Race (skin cancer only): N/A  
Birth Year: 1940 Year of Diagnosis: 1975  
Cancer Model: Colon (153)  
Smoking history (trachea, bronchus, or lung cancer only): N/A

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### IREP Assumptions and Settings:

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

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### General Exposure Information:

#	Exp. Year	Organ Dose (cSv)	Exp. Rate	Radiation Type
1	1950	Triangular (5, 10, 20)	chronic	photons E>250keV
2	1955	Uniform (15, 25)	chronic	photons E>250keV
3	1960	Constant (15)	chronic	photons E>250keV
4	1965	Normal (15, 1.5)	chronic	photons E>250keV
5	1970	Lognormal (15, 2)	chronic	photons E>250keV

### Radon Exposure Information:

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

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### ASSIGNED SHARE (PROBABILITY OF CAUSATION) RESULTS:

Percentile	Assigned Share
1st	6.722 %
5th	13.888 %
50th	37.492 %
95th	63.173 %

99th	73.763 %
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If you would like to see more percentiles, click here:

[More Percentiles](#)

To perform another calculation, click here:

[New Calculation](#)

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