Interactive RadioEpidemiological Program
Summary Report

Date of Run: <u>10/11/2011</u>   IREP version: <u>5.5</u>

Time of Run: <u>3:10:39 PM</u>   Analytica/ADE version: <u>4.2 64-bit</u>

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

Gender: <u>Female</u>   Race (skin cancer only): <u>N/A</u>

Birth Year: <u>1970</u>   Year of Diagnosis: <u>2000</u>

Cancer Model: <u>Thyroid (193)</u>

Smoking history (trachea, bronchus, or lung cancer only): <u>N/A</u>

IREP Assumptions and Settings:

User Defined Uncertainty Distribution: <u>Lognormal(1,1)</u>

Number of Iterations: <u>2000</u>   Random Number Seed: <u>99</u>

General Exposure Information:

#	Exp. Year	Organ Dose (cSv)	Exp. Rate	Radiation Type
1	1990	Lognormal (0.5, 2)	chronic	alpha
2	1991	Lognormal (0.5, 2)	chronic	alpha
3	1992	Lognormal (0.5, 2)	chronic	alpha
4	1993	Lognormal (0.5, 2)	chronic	alpha
5	1994	Lognormal (0.5, 2)	chronic	alpha
6	1995	Lognormal (0.5, 2)	chronic	alpha
7	1996	Lognormal (0.5, 2)	chronic	alpha
8	1997	Lognormal (0.5, 2)	chronic	alpha
9	1998	Lognormal (0.5, 2)	chronic	alpha
10	1999	Lognormal (0.5, 2)	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	0.147 %
5th	0.316 %
50th	2.945 %
95th	22.221 %
99th	41.587 %

If you would like to see more percentiles, click here: More Percentiles

To perform another calculation, click here: New Calculation