

MINEURS D'URANIUM - Cohort Study of Uranium Miners in France

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General	
Identification	
Detailed name	Cohort Study of Uranium Miners in France
Sign or acronym	MINEURS D'URANIUM
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL dr-2010-404 (23/12/2010)
General Aspects	
Medical area	Cancer research Cardiology Pneumology
Health determinants	Addictions Occupation
Keywords	Death, lung, cancer, radon, tobacco, alpha-risk, health, environment
Scientific investigator(s) (Contact)	
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Collaborations

Participation in projects, networks and consortia	Yes
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Funding

Funding status	Mixed
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Details	IRSN , Communauté Européenne, AREVA
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Governance of the database

Sponsor(s) or organisation(s) responsible	AREVA
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Organisation status	Private
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Additional contact	
Main features	
Type of database	
Type of database	Study databases
Study databases (details)	Cohort study
Database recruitment is carried out by an intermediary	A population file
Database recruitment is carried out as part of an interventional study	No
Additional information regarding sample selection.	Retrospective Other bodies active in creating this cohort: Cancer registry, Areva archives, Carmi. Inclusion cut-off date: 01/01/2001.
Database objective	
Main objective	Study on the increased risk of cancer, including lung cancer, after chronic exposure to ionising radiation, including alpha emitters (radon descendants, uranium dust). Professional cofactors and smoking are taken into account. Secondary objective: The cohort study benefits from high quality individual registration of exposure to various carcinogens on an annual basis, as well as long-term follow-up (over 20 years on average). All causes of death are recorded regularly. It is also possible to study risks other than cancer in this cohort, including the risk of cardiovascular or respiratory death. The extrapolation of risk per unit of exposure enables the assessment of low-dosage risk, at levels regularly encountered by some of the French population. This is especially true for the estimation of cancer risk per unit of radon exposure in the home.
Inclusion criteria	Having worked at least 1 year in the CEA-Areva Uranium Mines
Population type	
Age	Adulthood (19 to 24 years) Adulthood (25 to 44 years) Adulthood (45 to 64 years) Elderly (65 to 79 years) Great age (80 years and more)

Population covered	General population
Gender	Male Woman
Geography area	National
Detail of the geography area	4 centres throughout France (Mines in Vendée, Limousin, Hérault and Forez)
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	01/1946
Date of last collection (YYYY or MM/YYYY)	12/2007
Size of the database	
Size of the database (number of individuals)	[1000-10 000[individuals
Details of the number of individuals	5 086
Data	
Database activity	Current data collection
Type of data collected	Declarative data
Declarative data (detail)	Paper self-questionnaire Face to face interview
Presence of a biobank	No
Health parameters studied	Health event/morbidity Health event/mortality Health care consumption and services
Care consumption (detail)	Hospitalization Medical/paramedical consultation Medicines consumption
Procedures	
Data collection method	Self-administered questionnaire: manual input from a paper questionnaire Interviews: manual input from a paper questionnaire

Participant monitoring	Yes
Details on monitoring of participants	30 years
Links to administrative sources	Yes
Linked administrative sources (detail)	- CépiDc, - CEA-Areva Administration, - CEA-Areva exposure, - RNIPP, - Carmi.
Promotion and access	
Promotion	
Link to the document	http://tinyurl.com/HAL-Mineurs-d-uranium
Description	List of publications in HAL
Link to the document	http://tinyurl.com/Pubmed-Mineurs-d-uranium
Description	List of publications in Pubmed
Access	
Terms of data access (charter for data provision, format of data, availability delay)	Data may not be used by academic or industrial teams.
Access to aggregated data	Access on specific project only
Access to individual data	No access