

N° 18 - Doubs and Territoire de Belfort Cancer Registry

A-S Woronoff, V. Dufour, V. Champenois, E. Fournier, M Fournier, S Munier, S Pilot, V Queuche, E Roux, L Ruiz, DA Vuitton

- 1977: Beginning of data collection for the Doubs département and creation of the population-based registry for all cancers.
- 2000: Creation of the Association of the French Cancer Registries (FRANCIM), and a common database, maintained and analyzed by the Biostatistics Unit of Lyon University Hospital.
- 2007: Extension to the Territoire de Belfort département.
- From its beginning, the registry has been involved in local, regional, national and international research projects on cancer epidemiology.

Histology or cytology reports from
11 Pathology laboratories

PMSI (CIM-10) lists from 14 regional
hospitals and 13 other hospitals

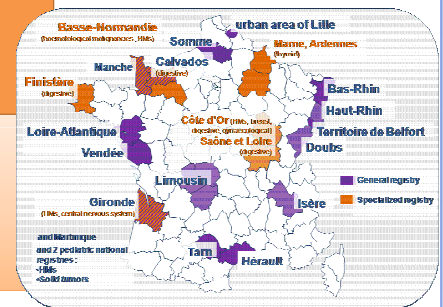
ALD 30 (CIM-10) from the main
3 health insurance systems

REGISTRY : - Individual patient data with full identity (with CNIL approval): name, date of birth, INSEE code, address, vital status.
- Cancer data: histology and cytology reports, topography and morphology (ICD-O), tumor stage (UICC), according to the ENCR recommendations, treatment, recurrence ...

Other medical sources requested for collecting cancer data:

- Screening program (ADECA Franche-Comté)
- Family physicians, medicine specialists and hospital physicians.
- Cancerology network and multidisciplinary consulting reports
- Other general registries (especially Haut-Rhin and Bas-Rhin); Cote d'Or specialized Registries
- Child hematological malignant disorder national Registry

French cancer registries in 2011



Incidence and mortality studies

1. Multicenter data

Biostatistics Unit of Lyon University Hospital and FRANCIM network

FRENCH DATA

- Incidence and survival in France: (1) (2) (3) (4)...all results on <http://www.invs.sante.fr/surveillance/index.htm>

EUROPEAN DATA

- EUROCARE 3 and 4: (5) (6) <http://www.eurocare.it>
- EUROCHIP 2: (7)
- HAEMACARE (8) <http://www.haemacare.eu/>

WORLD DATA: WHO statistics on cancer: IARC Globocan...all results on <http://globocan.iarc.fr/>

2. Local data

ORS, DRASS

- Cancer incidence and mortality in Franche-Comté (1980-2005) (9)



High level resolution studies

1. Multicenter data

FRANCIM – InVS-INSERM-INCa

- Management of breast cancer (11), of prostate cancer (12), of colorectal cancer, of lung cancer, of testicle cancer.
- Colorectal cancer and multidisciplinary consulting (13).
- Territory-based classification of socioeconomic determinants and risk of cancer: with UMR CNRS 6049, Théma research unit and 5 French registries (in press).



National hospital program of clinical research (PHRC)

- Ecological and individual factors and management of breast cancer (2007)
- Quality of life and social impact in patients after recovery from cancer (1995, 2000, 2005)

PAIR Inca

- Improvement of lymphoma registration (2006-8)
- Prostate cancer and quality of life (with Grand Est Cancéropôle, CGE)



National program of mesothelioma surveillance (14) (15)

University hospitals

- Incidence of cutaneous melanoma (Reims, CGE) (16, 17)
- Incidence and mortality of gastric lymphoma (Besançon-FRANCIM) (18)

GRECAN/MSA:

- AGRICAN: AGRiculture and CANcer

INSERM

- ICARE study, thyroid cancer



2. Local data

University of Franche-Comté/University Hospital

- Incidence of lymphoma (10)
- Dioxine and breast cancer, with UMR CNRS 6249, Chrono-environnement (19).
- Histological characteristics of breast cancer, UMR CNRS 6249, Chrono-environnement.
- Cutaneous lymphoma (1980-2003) (20), with other members of EA 3181.
- Rare skin cancer (1980-2003) (21), with other members of EA 3181.
- Survival of rectal cancer (1984-2003), with other members of EA 3181 (submitted)
- Lung cancer (22), with other members of EA 3181.
- Uterus sarcoma (1980-2003), with other members of EA 3181 (in progress).

References: (1) Eur J Cancer 2007;43:149-160. (2) Breast 2008;17:289-92. (3) Ann Endocrinol 2010;71:95-101. (4) Rev Epidemiol Santé Publ 2008; 56:159-75. (5) Eur J Cancer 2009;45:992-1005. (6) Eur J Cancer 2010;46:1528-36. (7) Tumori 2010;96:545-52. (8) Tumori 2010;96:i-A32. (9) Report available on Registry, ORS and DRASS site. (10) Environ Health 2010;9:47. (11) Br J Cancer 2008; 98: 217-24. (12) Eur J Cancer 2003; 39: 2364-71. (13) Gastroenterol Clin Biol 2007;31:286-91. (14) Int J Cancer. 2010 ;126:232-8. (15) Occup Environ Med 2006; 63: 390-5. (16) Arch Dermatol 2008;144:629-36. (17) Arch Dermatol 2010;146:240-6. (18) Acta Oncol 2009;48:977-83. (19) Int J Health Geogr 2008;7:4. (20) Leuk Lymphoma 2008;49:1537-44. (21) Acta Oncol 2009;48:605-9. (22) Lung Cancer : 2008, 59:291-300.