



CanReg5

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Contents

- **Introduction / Installation of CanReg5**
- **Import / Make dictionary**
- **Data entry, Quality check**
- **Frequencies, Export data/Report**
- **Table builder, Management**



Introduction / Installation of CanReg5

What is CanReg5 ? (1)

- ▷ Cancer registries need a tool to input, store, check and analyze cancer registry data
- ▷ The goal of CanReg5 is to provide most of what a cancer registry needs in one easy to use software package
- ▷ CanReg5 has modules to do
 - ✓ data input
 - ✓ quality control
 - ✓ consistency check
 - ✓ analysis of the data

What is CanReg5 ? (2)

- ▷ At the heart of the program, there is a powerful standard compliant open sourced SQL relational database engine.
- ▷ Data is split over 3 main tables: patient, tumor, source
 - ✓ One patient ID per patient
 - ✓ Many tumor records per patient
 - ✓ Many source records per tumor record

IARC

IACR

What is CanReg5 ? (3)

- ▷ CanReg5 is an open sourced program. The source code is available to adjust the program to your needs.
- ▷ **Multi-User Software & Multi-platform support**

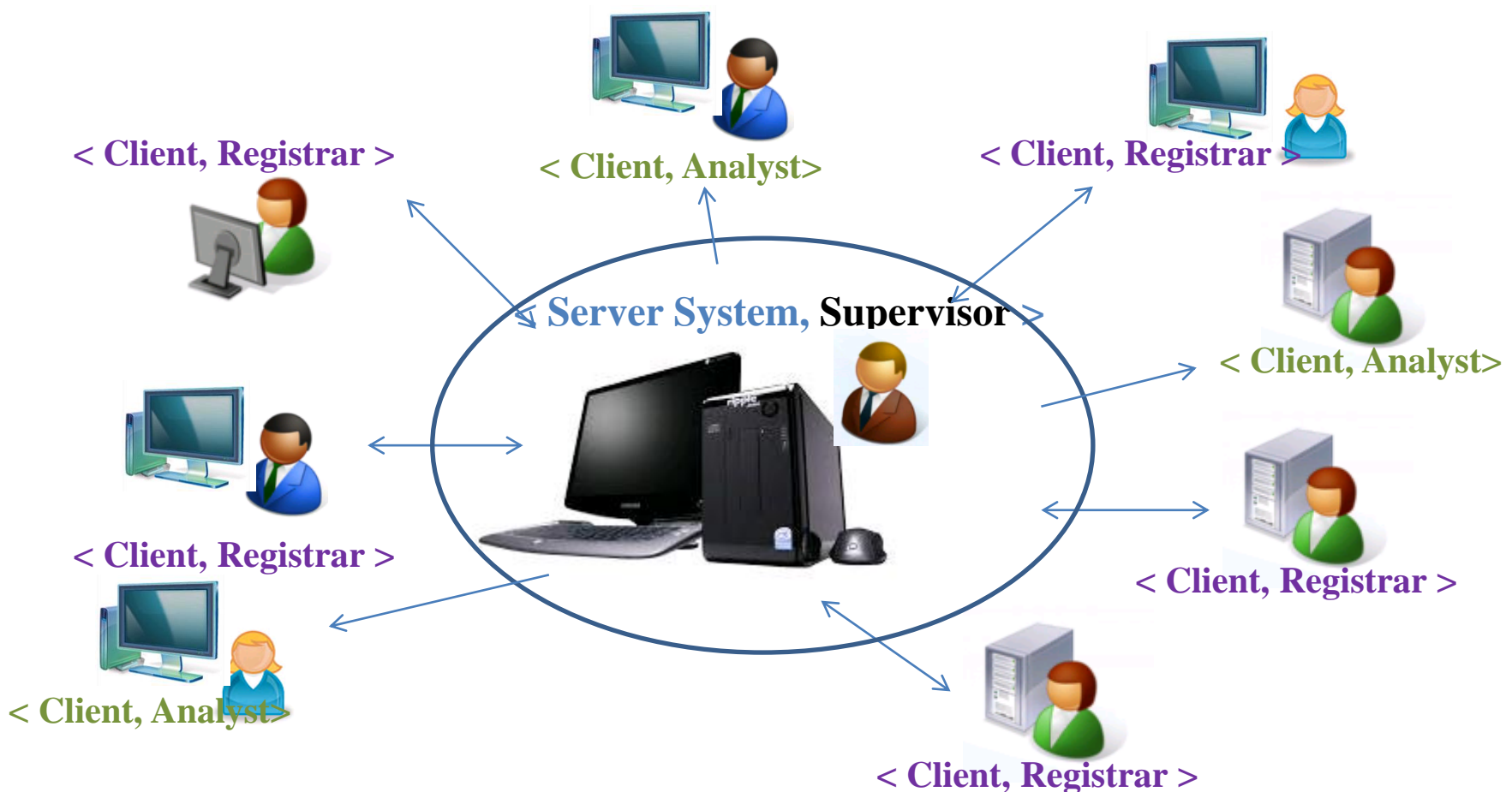


- ▷ **User Friendly**
 - ✓ a modern user interface
 - ✓ easy to navigate
 - ✓ available in several languages
 - ✓ English, French, Russian, Portuguese, Chinese, and Spanish

Multi user software

3 type's permission level

- ▷ Supervisor: can use all options
- ▷ Registrar: can perform most of data entry except to confirm rare cases or possible duplicates. Changing dictionary and user administration are prohibited.
- ▷ Analyst: can't make any changes to the DB. Only analysis options are available.



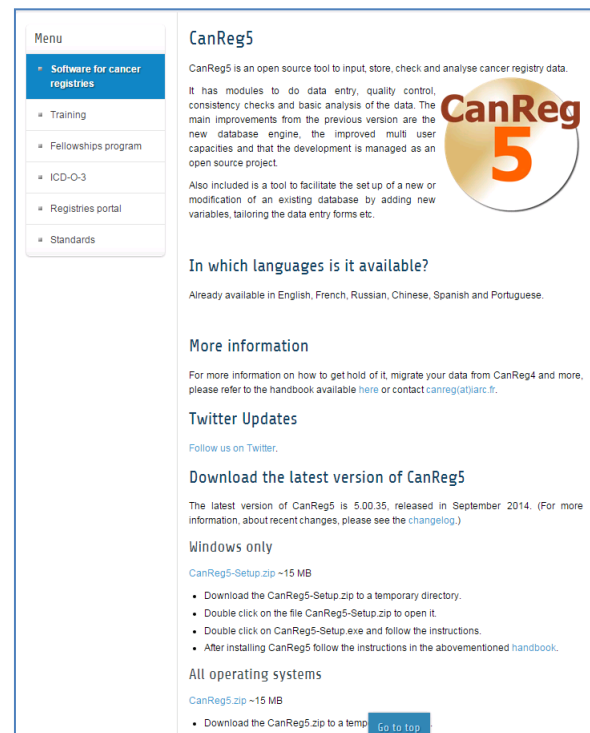
Where can we get CanReg5 ?

▷ Download it, free of charge, from <http://www.iacr.com.fr/> under ‘Support for registries’, ‘Software for cancer registries’

▷ Program Download URL: <http://www.iacr.com.fr/CanReg5/CanReg5-Setup.zip>



The screenshot shows the IACR website with the 'Support for registries' menu open. The 'Software for cancer registries' option is selected, leading to a page where the 'CanReg5' link is circled in red. The page also features a 'Check and conversion Program' section with a book cover image.



The screenshot shows the CanReg5 download page. It includes a 'Menu' on the left with options like 'Software for cancer registries', 'Training', 'Fellowships program', 'ICD-O-3', 'Registries portal', and 'Standards'. The main content area describes CanReg5 as an open source tool for input, storage, and analysis of cancer registry data. It also provides information on language availability, more information, Twitter updates, and download instructions for Windows and other operating systems. A large 'CanReg5' logo is prominently displayed on the right side.

Where can we get the manual of CanReg5 ?

► Manual Download URL:

<http://www.iacr.com.fr/CanReg5/CanReg5-instructions.pdf>


Menu

- Software for cancer registries
- Training
- Fellowships program
- ICD-O-3
- Registries portal
- Standards

CanReg5

CanReg5 is an open source tool to input, store, check and analyse cancer registry data. It has modules to do data entry, quality control, consistency checks and basic analysis of the data. The main improvements from the previous version are the new database engine, the improved multi user capacities and that the development is managed as an open source project.

Also included is a tool to facilitate the setup of a new or modification of an existing database by adding new variables, tailoring the data entry forms etc.



In which languages is it available?

Already available in English, French, Russian, Chinese, Spanish and Portuguese.

More information

For more information on how to get and integrate your data from CanReg4 and more, please refer to the handbook available [here](#) or contact canreg@iacr.fr.

Twitter Updates

[Follow us on Twitter.](#)

Download the latest version of CanReg5

The latest version of CanReg5 is 5.00.35, released in September 2014. (For more information, about recent changes, please see the [changelog](#).)

Windows only


CanReg5-Setup.zip ~15 MB

- Download the CanReg5-Setup.zip to a temporary directory.
- Double click on the file CanReg5-Setup.zip to open it.
- Double click on CanReg5-Setup.exe and follow the instructions.
- After installing CanReg5 follow the instructions in the abovementioned handbook.

All operating systems

CanReg5.zip ~15 MB

- Download the CanReg5.zip to a temporary directory.
- Extract the CanReg5 folder to the disk.
- Go to the folder CanReg5 and follow the instructions in the handbook.



Open Source

By: Morten Johannes Ervik, IARC
Version: September 10, 2014

▷ Training course : Off-line training

International Agency for Research on Cancer

English | Français

World Health Organization

Education and Training Programme

FELLOWSHIPS

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- ▶ Module 2: Cancer Epidemiology

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e-Learning Courses

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List of Fields to Complete

Frequently Asked Questions

Support Letter Template

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Testimonials

SUMMER SCHOOL

Training Courses - Summer School in Cancer Epidemiology 2015

CANCER SURVIVAL METHODS FOR CANCER REGISTRIES - Module 1 (*one week, 15-19 June*)

The call for applications is now closed. Next call: November 2015

Population-based cancer registries (PBCR) are critical to national cancer control planning, and in the monitoring and evaluating of specific cancer control measures aimed at reducing the burden and suffering from cancer in the community. With only a limited number of adequate civil and vital registration systems available in many parts of the developing world, cancer registries provide a unique source of such information on the scale, profile and evolution of the local cancer burden.

Cancer survival is a key indicator of cancer burden for cancer control and a positive measure of prognosis that can reflect the prospects of clinical cure. Survival studies are however sparse in many low- and medium-income countries (LMICs), owing largely to difficulties initiating them in the absence of complete

Where can I get the information on CanReg5? (2)

▷ Training course : online training

International Agency for Research on Cancer
World Health Organization

Global Initiative for Cancer Registry Development
in Low- and Middle-Income Countries

WHO WE ARE WHAT WE DO RESOURCES EVENTS AND NEWS **JOINING GICR** PARTNERS CONTACT

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TRAINING

- CanReg Webinar 1: Overview
Presentation (download), Presentation (online), Q&As, Slides (pdf)
- CanReg Webinar 2: Installation and Setup
Presentation (download), Presentation (online), Q&As, Slides (pdf)
- CanReg Webinar 3: Migrating data from CanReg4
Presentation (download), Presentation (online), Q&As, Slides (pdf)
- IARC Summer School in Cancer Epidemiology
Read More
- CanReg Webinar 4: Data Entry
Presentation (download), Presentation (online), Q&As, Slides (pdf)
- CanReg Webinar 5: Data Analysis
Presentation (download), Presentation (online), Q&As, Slides (pdf)
- Quality improvement and basic analysis of information in population-based cancer registries in Latin America
IARC Regional Course, Cali (Colombia), October 15 – 20, 2012
Read More
- CanReg Webinar 6: Customization and Management
Presentation (download), Presentation (online), Q&As, Slides (pdf)

RESOURCES

GICR

- GICR Brochure (2012)
Let's face the facts
Download
- Cancer registries: Information for
Download
- GICR Brochure (2011)
Let's figure it out
Download
- GICR Meeting Statement
English, French, Russian, Spanish
Download
- Questionnaire to ascertain the
Download
- International cancer community
Read IARC News
- Effective communication between

1. Overview
2. Installations and setup
3. Migrating data from CanReg4
4. Data Entry
5. Data analysis
6. Customization and Management

Where can I get the information on CanReg5? (3)

▷ Twitter for news about CanReg5

<http://twitter.com/canreg>

트윗

- 팔로잉
- 팔로워
- 관심글
- 리스트

CanReg5 님 팔로우하기

이름

이메일 주소

비밀번호

가입하기

전세계 트랜드 · 변경하기

- #TakipEdenTakipEditir Delhi Larry
- #roietadaozadia
- #HayatinEnGüzelYanida
- #FrasesMuyForras
- #RompoTodoSi Maria Mercedes Dennis Wolf
- Julio César Chávez Jr.

© 2013 Twitter 회사소개 고객센터 이용약관 개인정보취급정책 블로그 시스템 현황 애플리케이션 자료실 인재채용 광고 광고주 비즈니스 미디어 개발자 디렉토리

CanReg5 @canreg

CanReg is an open source tool to input, store, check and analyse cancer registry data for population based cancer registries.
Lyon, France · iacr.com.fr/CanReg5/CanReg...

99 트윗 15 팔로잉 80 팔로워

트윗

CanReg5 @canreg 9월 26일
CanReg5 version 5.00.30 is now live. This is mainly a bug fix release. ie: "The manual assign of PatientIDs"-bug has been squashed. #canreg
펼치기







CanReg5 @canreg 9월 26일
A new version of the handbook on CanReg5 is now available here: iacr.com.fr/CanReg5/CanReg... #cancer #handbook #canreg5
펼치기

CanReg5 @canreg 9월 16일
Another "CanReg5 Analysis" Webinar will take place at 14h00 tomorrow. Followed by live Q&A. More info: gicr.iacr.fr/files/news/201...
펼치기

CanReg5 @canreg 7월 9일
CanReg5 version 5.00.28 is now live. This is mainly a bug fix release. The export functionality has been improved, fex. #canreg
펼치기

Information of exercise folder

< Contents of exercise folder >

-  01 install program
-  02 demo
-  03 sample data
-  04 Articles
-  05 Webinar
-  CanReg5-instructions.pdf

01 install program: CanReg5 and other programs

02 demo: Demo system backup file

03 sample data: sample data for cancer registry and population

04. Articles: Articles for cancer registration

05. Webinar: Webinars for CanReg5

CanReg5-instructions.pdf: manual of CanReg5

Other Programs for CanReg5 (1)

Install the four programs

- Java runtime environment
- Ghostscript (Postscript)
- Gsview
- R program

☐ JAVA program

▷ We need to install **version 7 or higher of JAVA Runtime Environment.**

URL: <http://Java.com/en/download/manual.jsp>

▷ If you can't use network, you can install a file in "01 install program\others\Java"

After checking what bit is your operating system, you should install a JAVA Program

If it is 32 bit then install a "jre-7u60-windows-i586.exe"

If it is 64 bit then install a "jre-7u60-windows-x64.com"

Other Programs for CanReg5 (2)

☐ GhostView & GostScript

▷ **Some of the tables generated by CanReg5 are PostScript files.**

(GostScript is an open standard, so you can use many different tools to view them)

GhostView & GostScript Download URL:

<http://pages.cs.wisc.edu/~ghost/gsview/get50.htm>

http://www.ghostscript.com/GPL_Ghostscript_9.14.html

▷ If you can't use network, you can install a file in "01 install program\others\PostScript viewer"

After checking what bit is your operating system, you should install two programs

If it is 32 bit then install "\32bit\gs914w32.exe", "\32bit\gsv50w32.exe"

If it is 64 bit then install "\64bit\gs914w64.exe", "\32bit\gsv50w64.exe"

Other Programs for CanReg5 (3)

☐ R program

- ▷ **R program is used to analyze data.**

R Download URL:

<http://cran.r-project.org/bin/windows/base/>

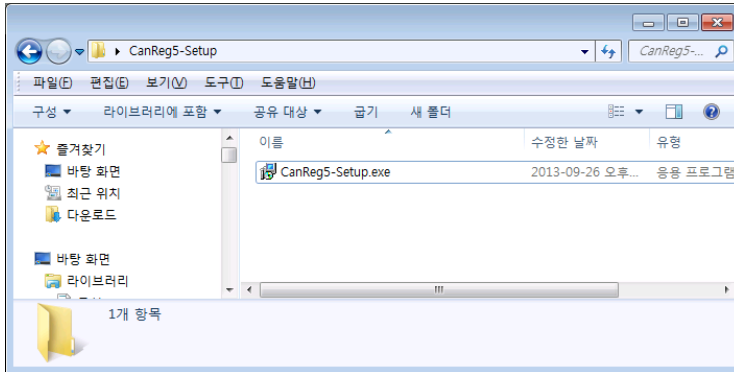
- ▷ If you can't use network, you can install a file in "01 install program\others\R\R-3.2.0-win.exe"

- ▷ **To make some table in the table builder menu, you need to some library of R program**

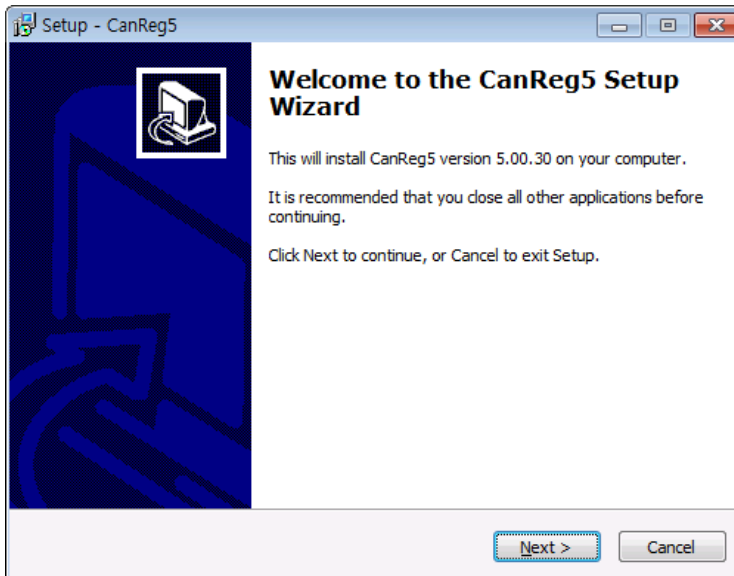
You need to copy all folders form "01 install program\others\R\R library" folder
to "C:\Program Files\R\R-3.2.0\library" folder.

Install CanReg5 Program (1)

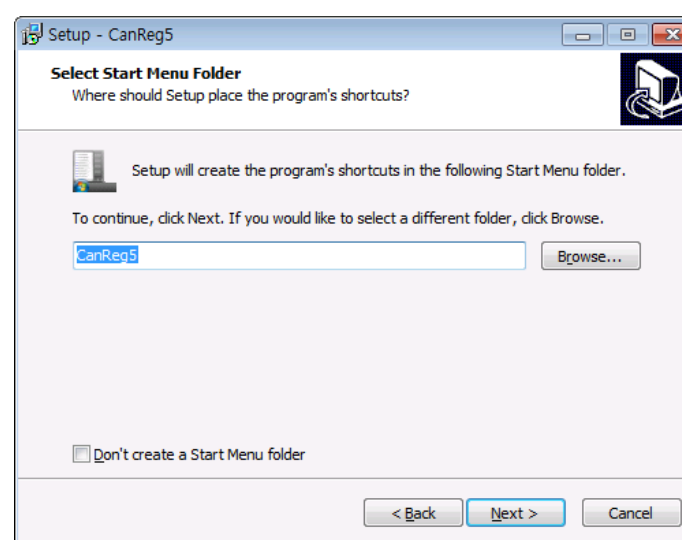
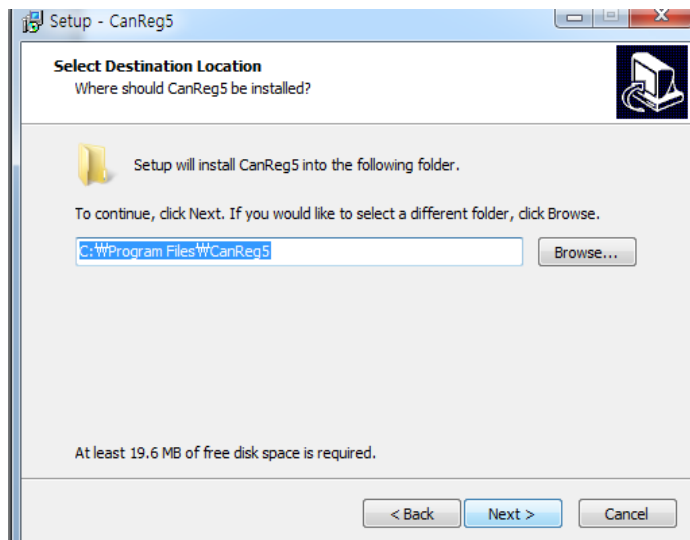
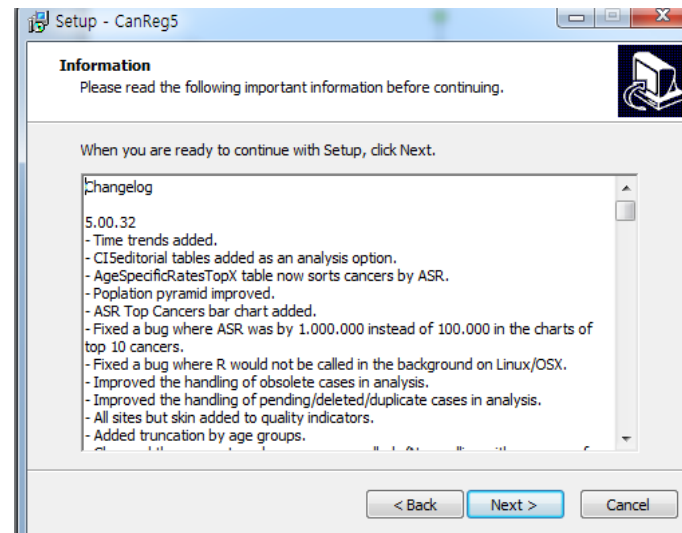
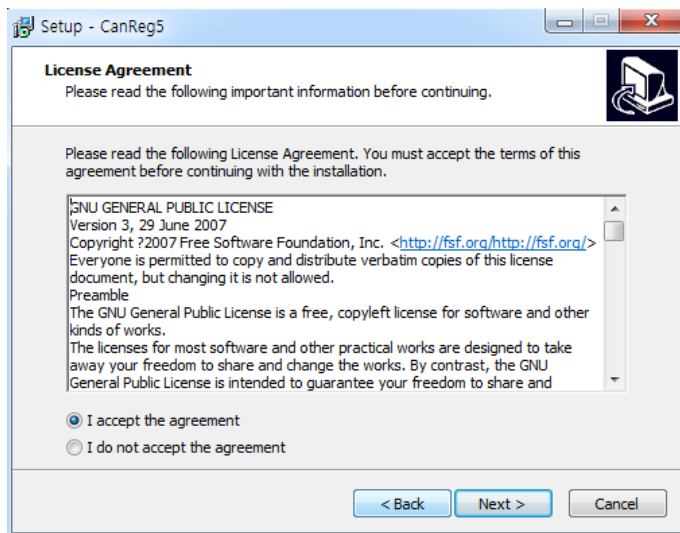
1. Unzip the “CanReg5-Setup.zip”



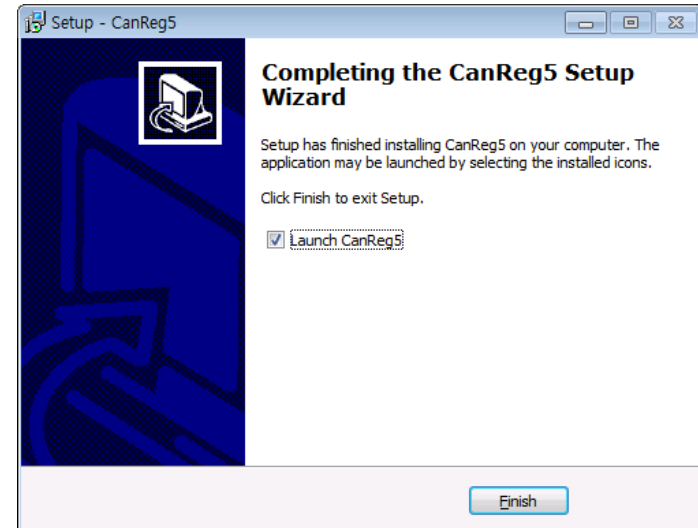
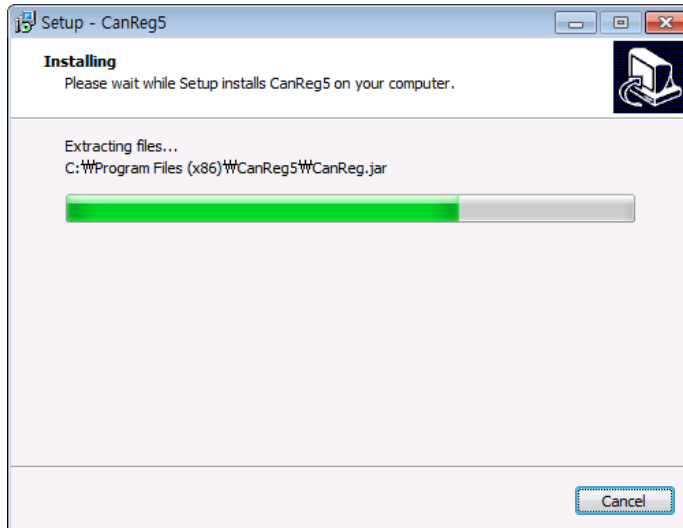
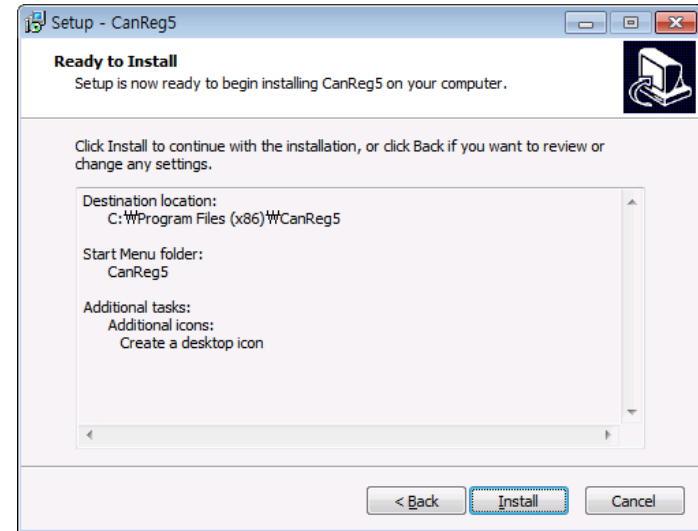
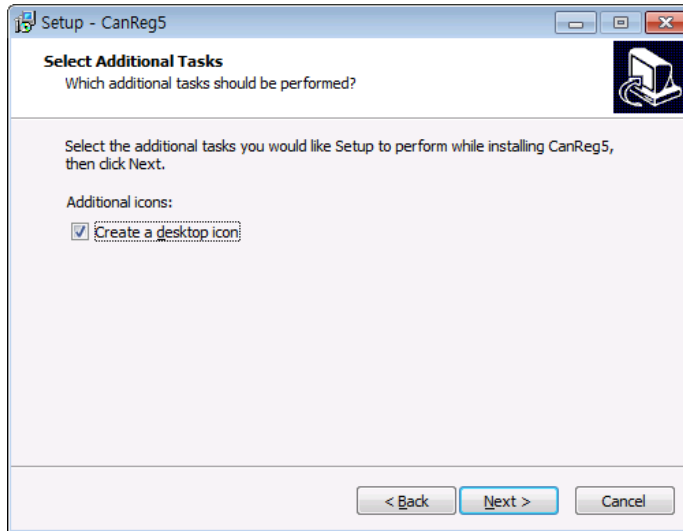
2. Double click the “CanReg5-Setup.exe”



Install CanReg5 Program (2)

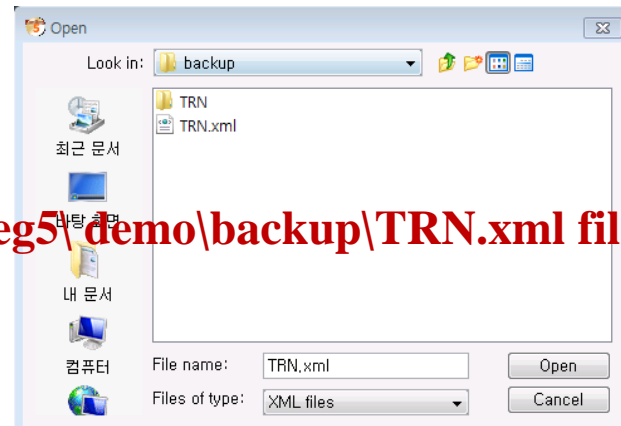
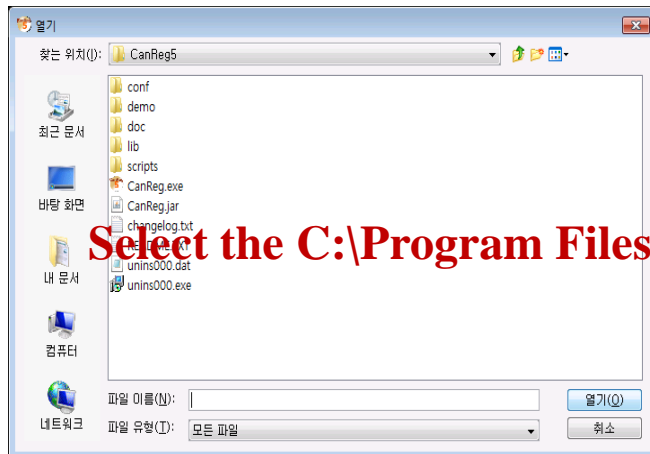
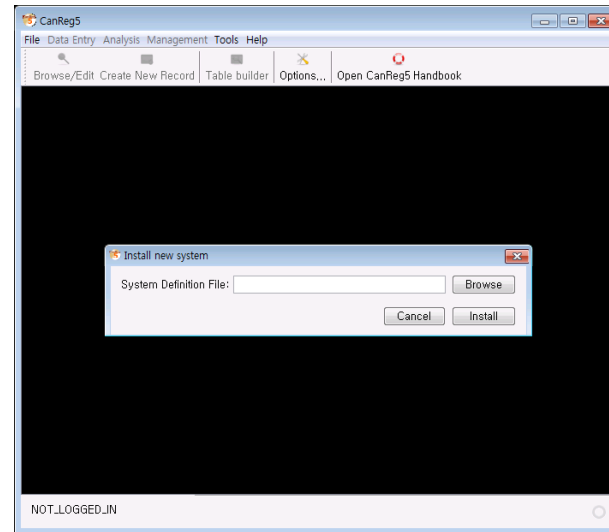


Install CanReg5 Program (3)



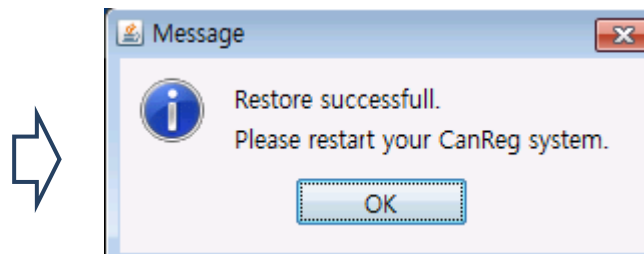
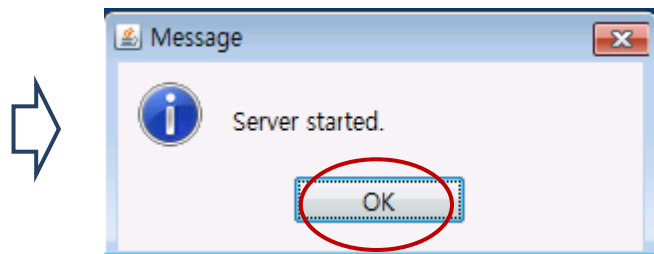
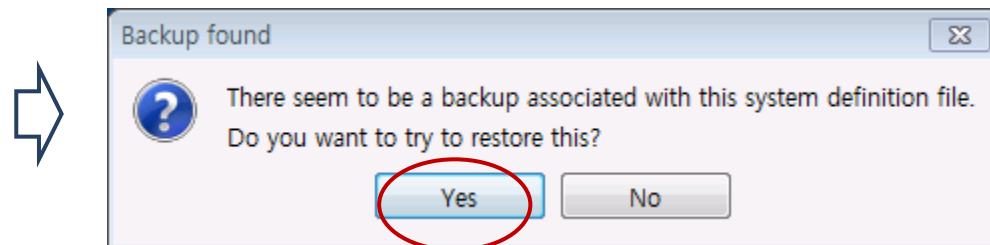
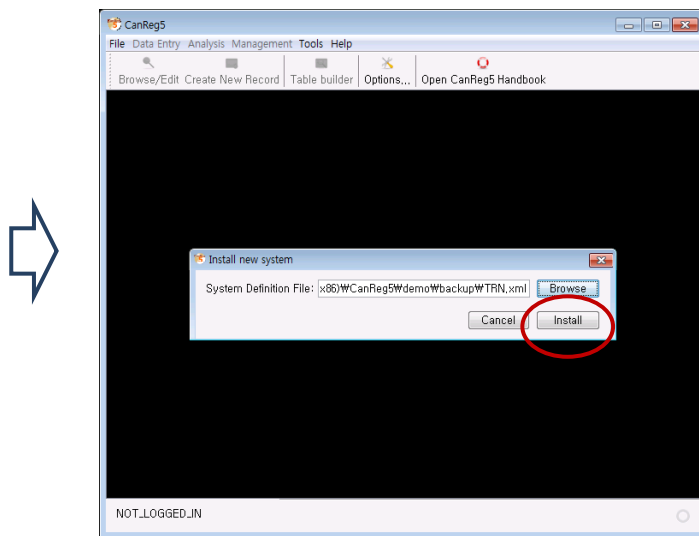
Install New/Restore System (1)

1. Click “Install New/Restore system”



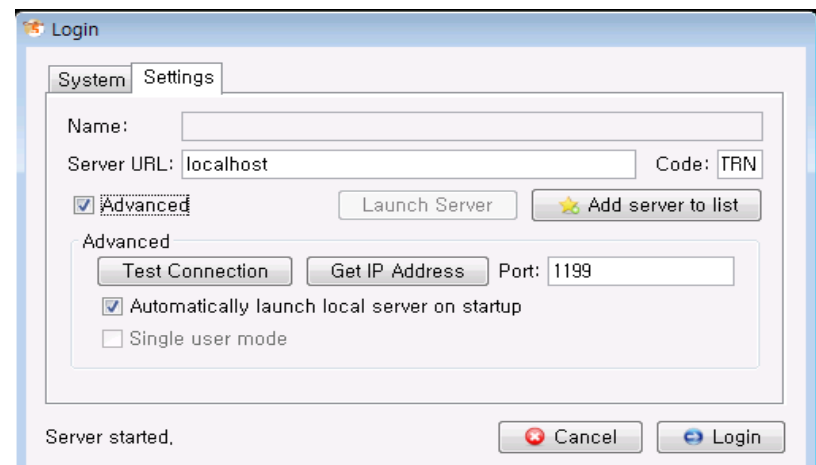
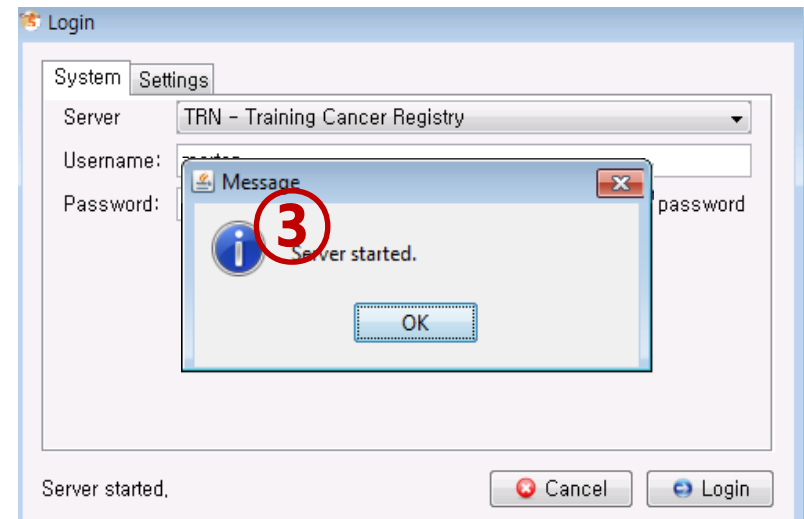
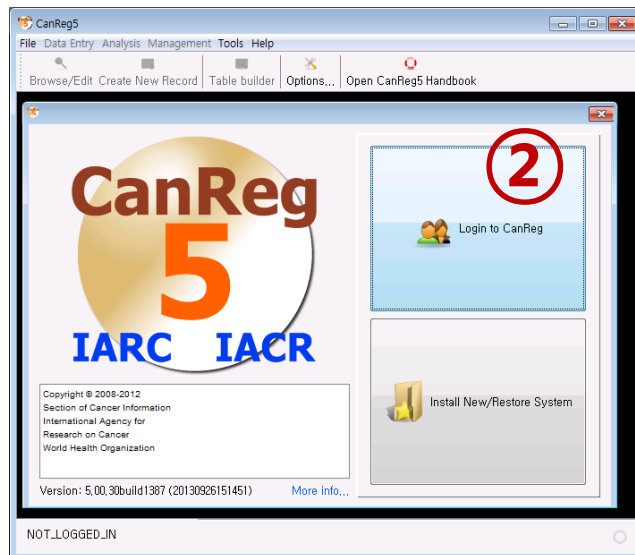
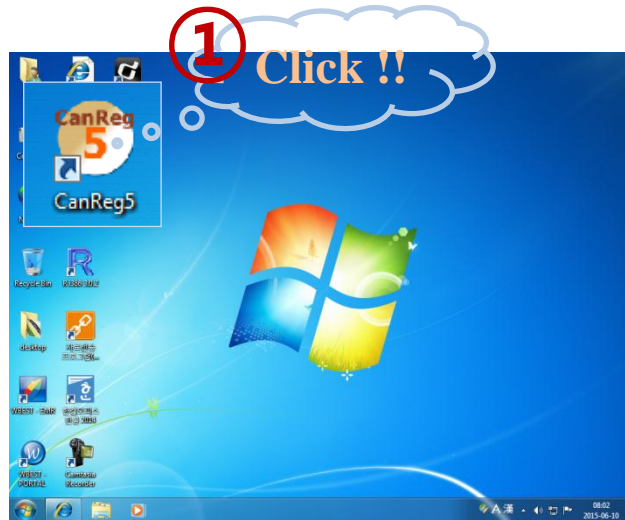
Select the C:\Program Files\CanReg5\demo\backup\TRN.xml file.

Install New/Restore System (2)



Login to CanReg5 (1)

Let's login to the CanReg5 program.



Login to CanReg5 (2)

4

System Settings

Server: TRN - Training Cancer Registry

Username: morten

Password: ●●●●●● ☐ Remember password

Username : morten
Password : ervik

Server started,

Logged in

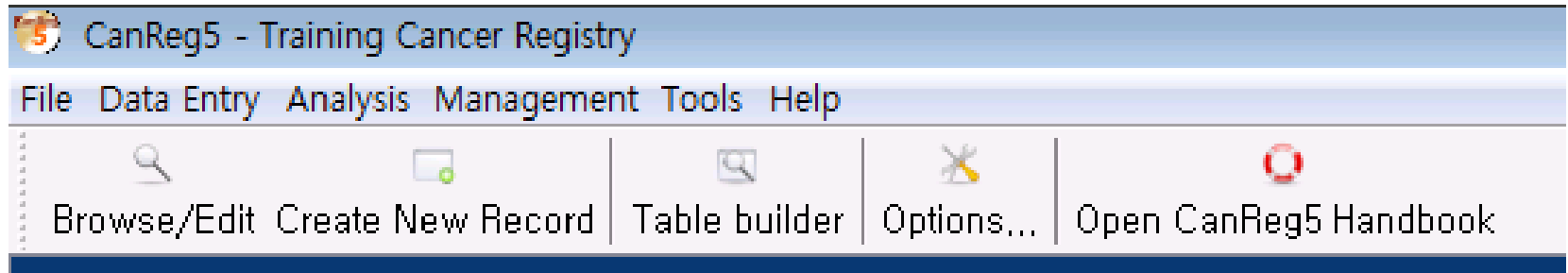
Successfully logged in to Training Cancer Registry as morten.

OK

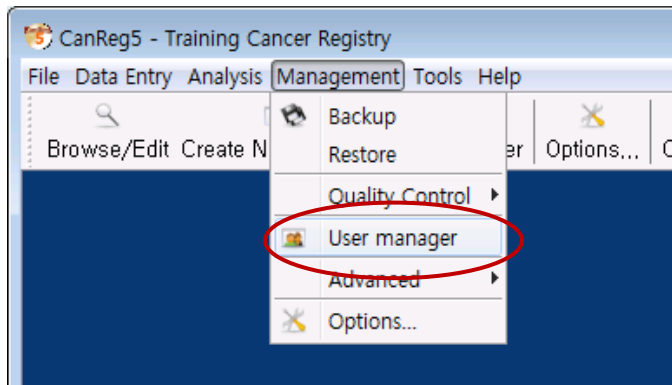
Menus of Cnareg5

In the CanReg5, There are File, Data Entry, Analysis, Management, Tools, Help menu.

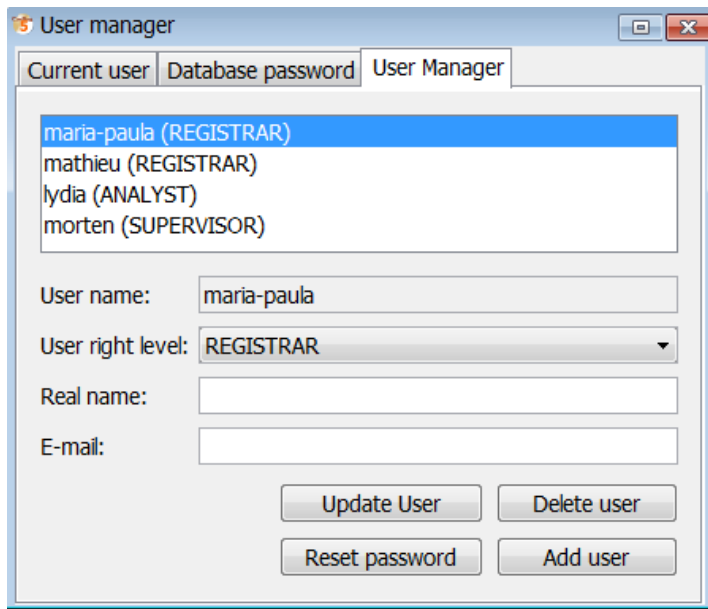
There are also then quick menus Browse/Edit, Create New Record, Table builder, Options, Open CanReg5 handbook.



User manager



You could manage users of CanReg5.
Click the “User manager” under the Management menu.



- 3 type's permission level
 - ▷ Supervisor: can use all options
 - ▷ Registrar: can perform most of data entry except to confirm rare cases or possible duplicates. Changing dictionary and user administration prohibited.
 - ▷ Analyst: can't make any changes to the DB. Only analysis options are available.

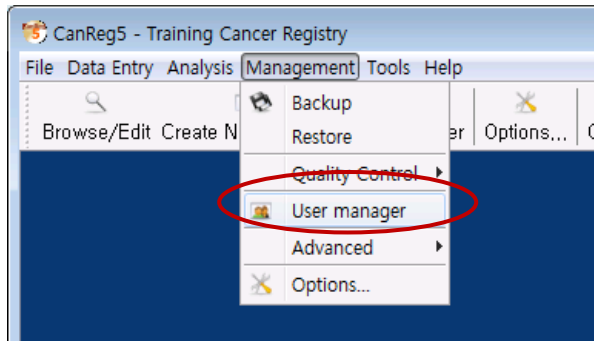
Exercise :User manager (1)

1. Add new user as a supervisor using “Add user” icon.

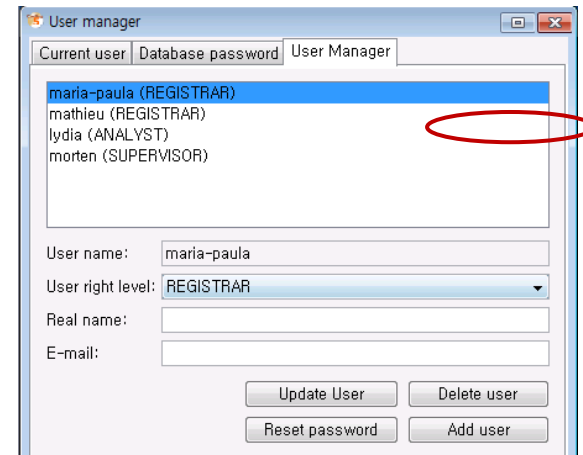
username: maria

password: canreg11

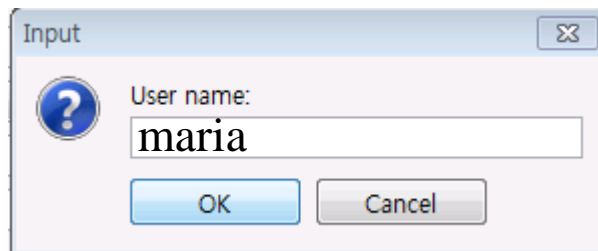
1. Click the “User manager” menu under the “Management” menu.



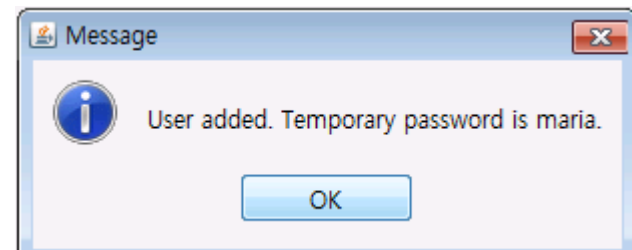
2. Click the “Add user” button.



3. After inputting the user name “maria”, click the “OK” button.

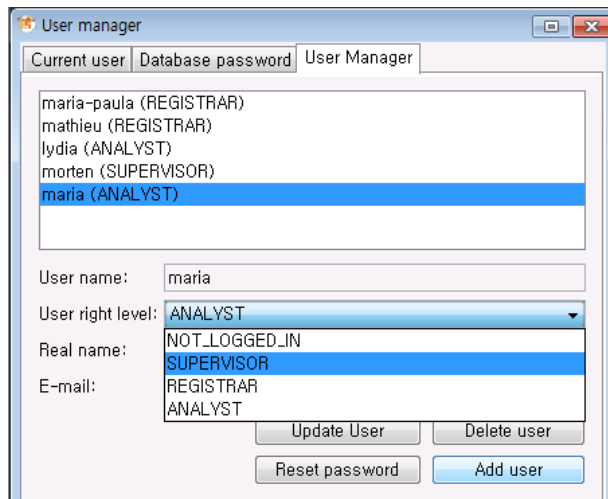


4. You can see the following Message.

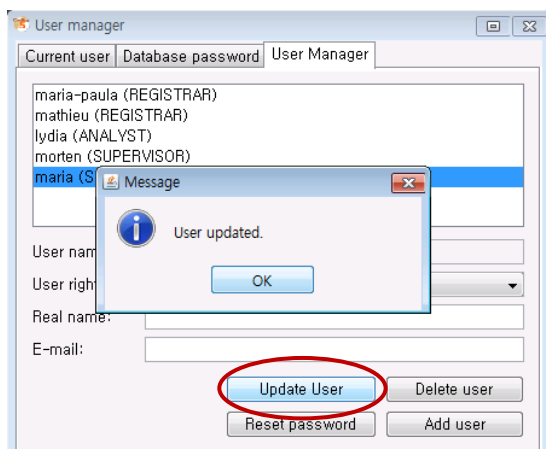


Exercise :User manager (2)

5. Choose “SUPERVISOR” at the “User right level” .



6. Click the “Update user” button.



The default password of any user is its user name.

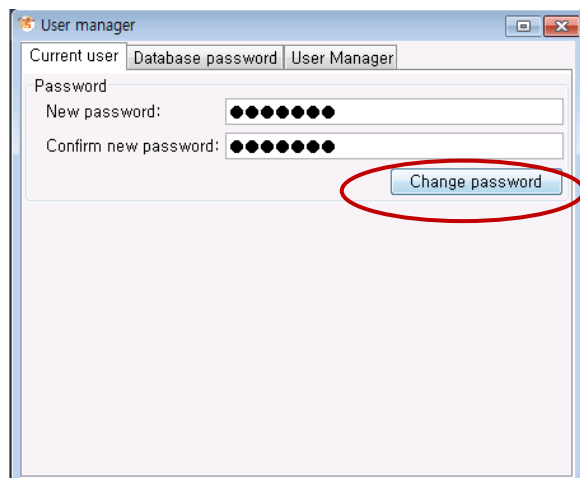
Exercise :User manager (3)

7. After you logout from CanReg5, login to CanReg5 as maria.

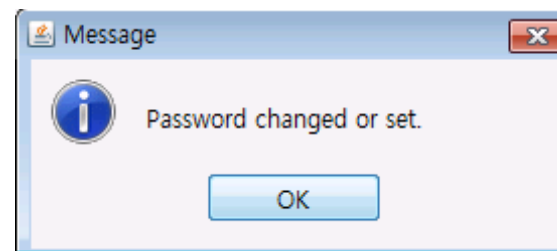


The screenshot shows a 'Login' window with a 'System' tab and a 'Settings' sub-tab. The 'Server' dropdown is set to 'TRN - Training Cancer Registry'. The 'Username' field contains 'maria' and the 'Password' field contains six dots. A 'Remember password' checkbox is present. Below the input fields, the text 'Username : maria' and 'Password : maria' is displayed in red. At the bottom, there is a 'Server started.' status message and two buttons: 'Cancel' and 'Login'.

8. In the “Current user” tab, after inputting the new password “canreg11”, Click the “Change password” button.



The screenshot shows the 'User manager' window with three tabs: 'Current user', 'Database password', and 'User Manager'. The 'Current user' tab is active. It contains two password input fields: 'New password:' and 'Confirm new password:', both filled with six dots. A 'Change password' button is located at the bottom right of the input fields and is circled in red.



Exercise :User manager (4)

9. After you logout from CanReg5, login to as “maria”

Username : maria
Password : canreg11

Add new user as an analyst using “Add user” icon.

username: paula

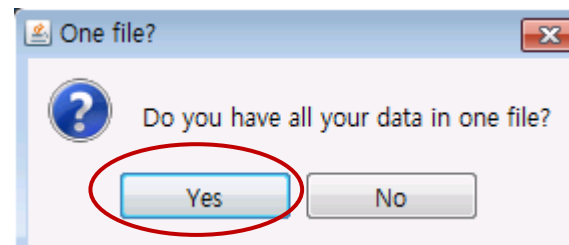
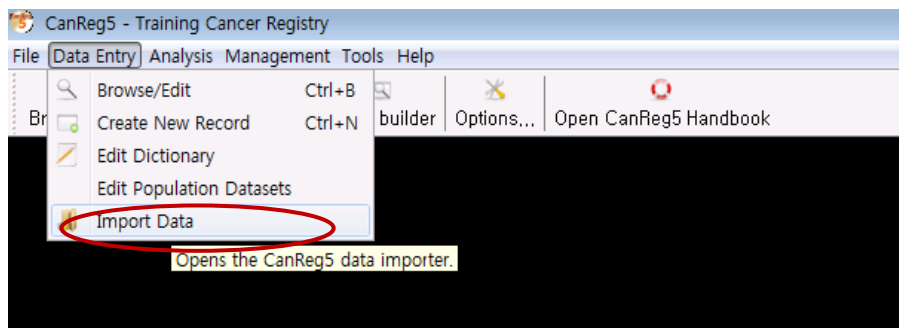
password: canreg



Import / Make dictionary

Import data (1)

1. Click “Data Entry > Import Data“

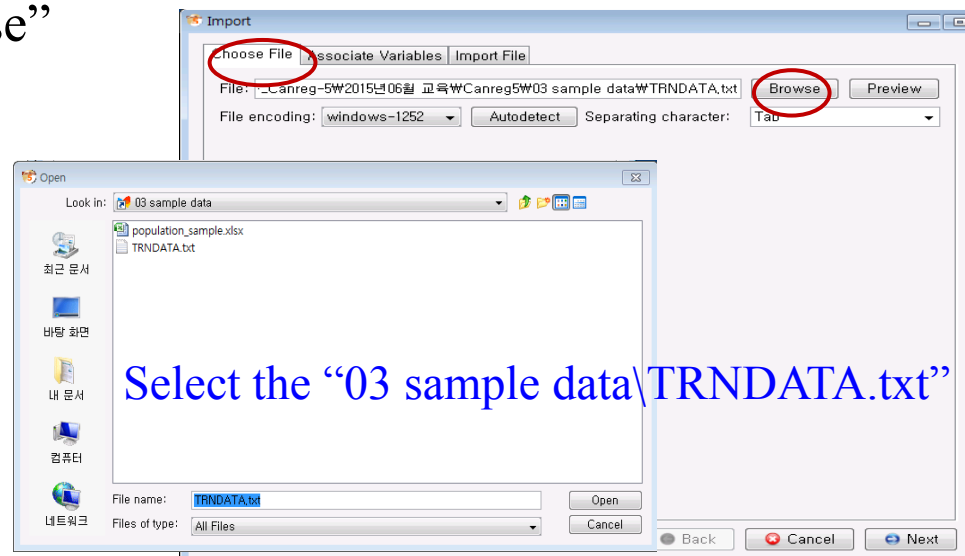


2. Click ”Choose file>Browse“

3. Select a data file

File format

- Tab delimited
- Comma separated variables
- Character delimited



Import data (2)

4. Click “Preview”

Import

Choose File Associate Variables Import File

File: J:\업무\국제교육_Canreg-5\02 CanReg5 sample data\TRNDATA.txt Browse Preview

File encoding: windows-1252 Autodetect Separating character: Tab

Preview

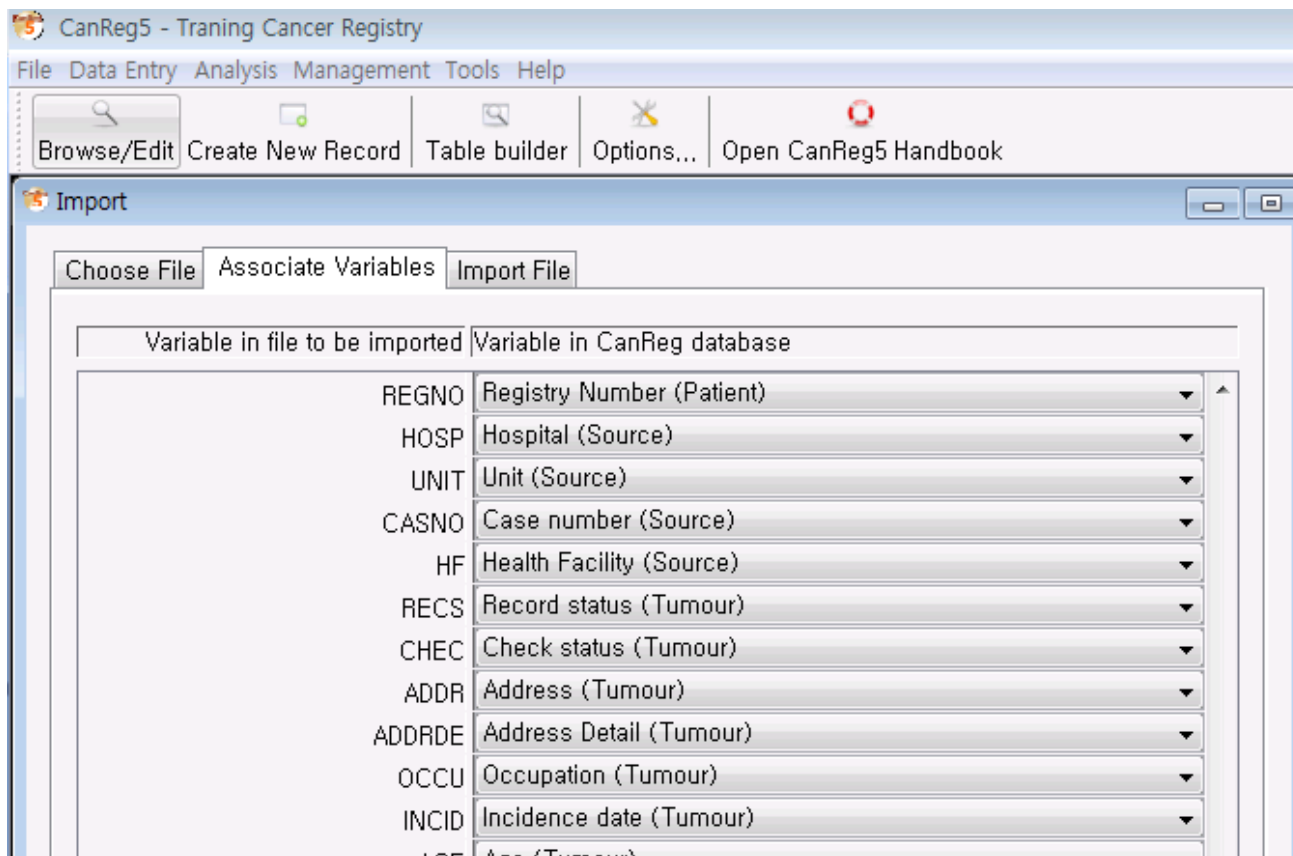
Number of Records in File: 1641 Number of Records shown in Preview: 100

RegNo	RecS	Chec	PerS	FamN	FirstN	MaidN	Sex
19950001	1	1	1	WAIBALE	FAITH		2
19950002	1	1	1	MUTUMBA			1
19950003	1	1	1	WATATYA	E		1
19950004	1	1	1	NABUBOLO	YULITA		2
19950005	1	1	1	NALUBEGA			2
19950006	1	1	1	LURYAMA			1
19950007	1	1	1	OLOYA	BOB		1
19950008	1	1	1	KOMAKECH	MIKE		1
19950009	1	1	1	NAMAKULA			2
19950010	1	1	1	BALINDA	ANDREW		1
19950011	1	1	1	NABUKERA			2
19950012	1	1	1	MATOVU			1
19950013	1	1	1	SEMANDA	MUSISI S...		1
19950014	1	1	1	SEMANDA	JACKSON		1
19950015	1	1	1	NALWEVISO			2
19950016	1	1	1	RUMBARA...	HUSEIN		1
19950017	1	1	1	NAMUTEBI	MONICA		2
19950018	1	1	1	BUKIDI	JANE		2

Back Cancel Next

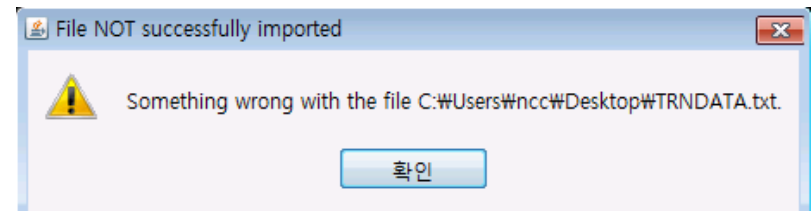
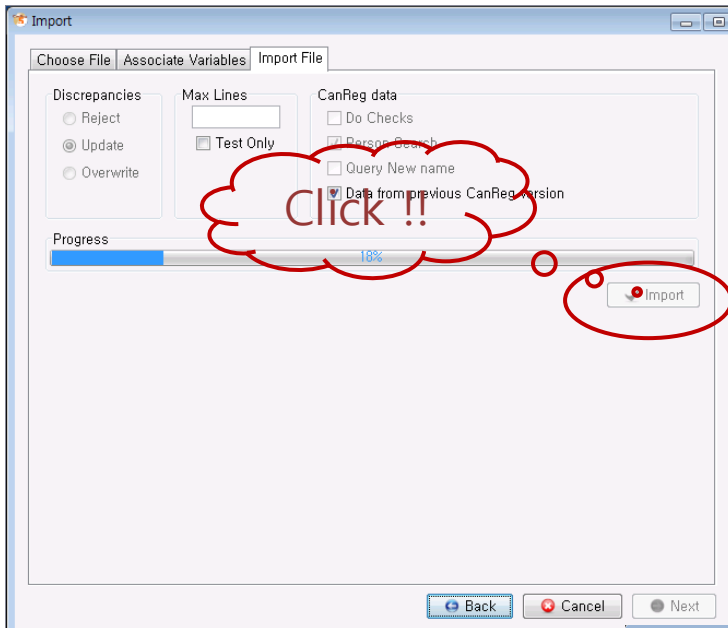
Import data (3)

5. “Associated variables” tab

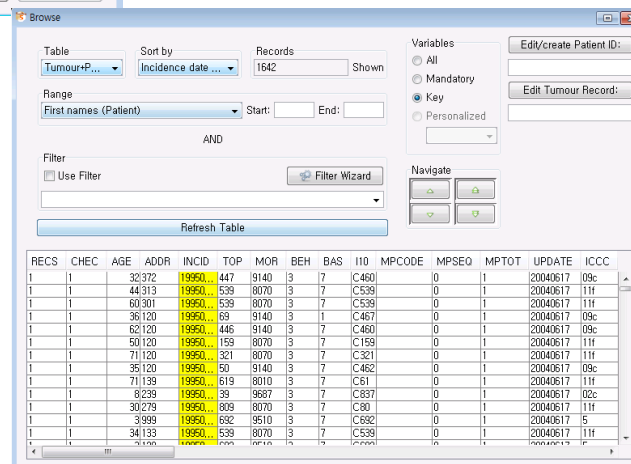


Import data (4)

6. Click “Import”



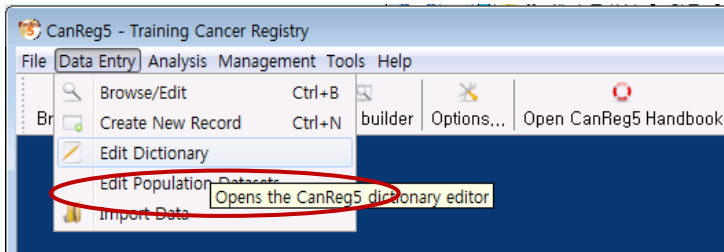
7. Result of “Import data”



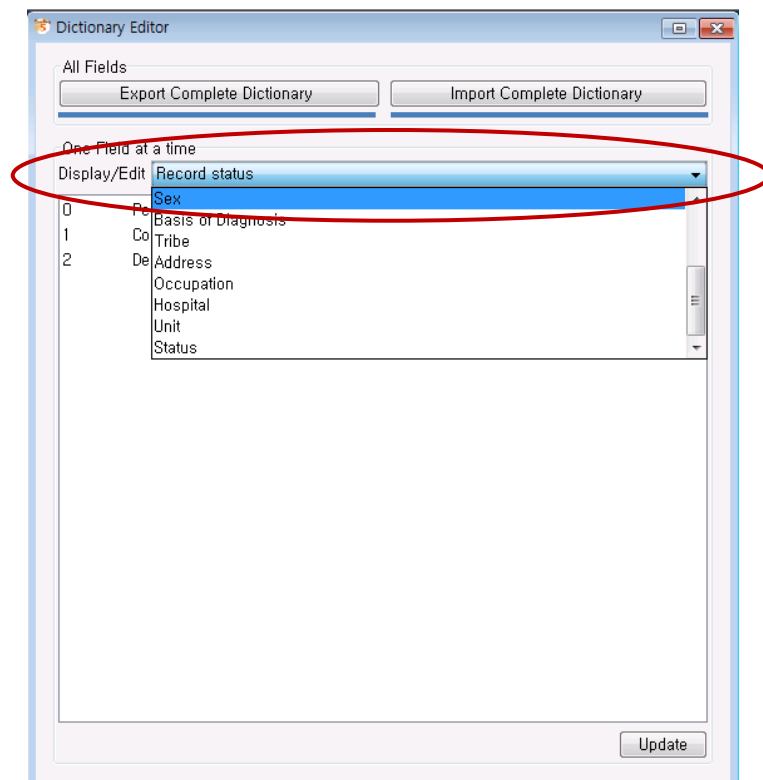
Dictionary Edit (1)

1. Change the value for unknown sex to 0.

1. Click the “Edit Dictionary” under the “Data Entry” menu.



2. Select the “Sex” in “Display/Edit”



“Export complete dictionary to a file” :

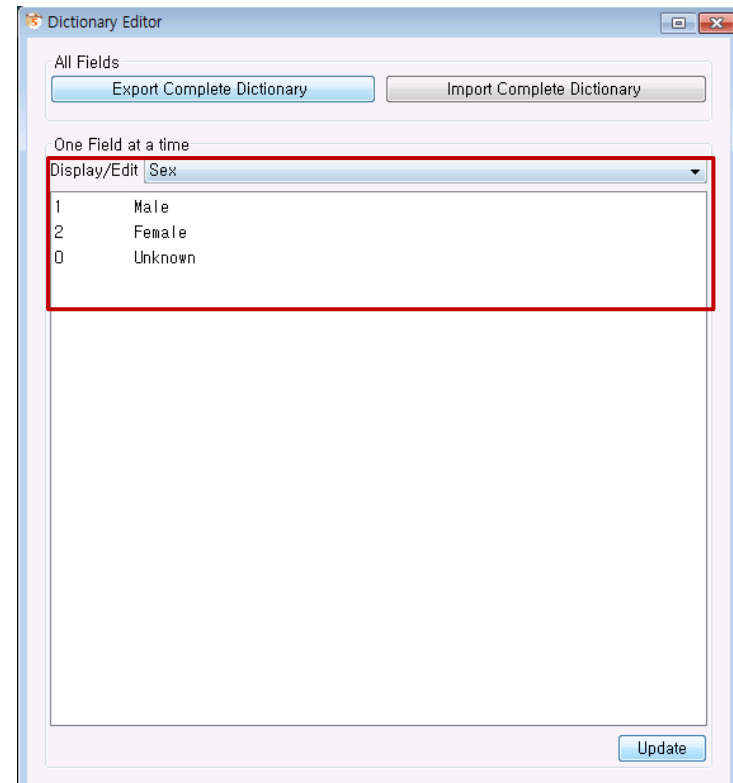
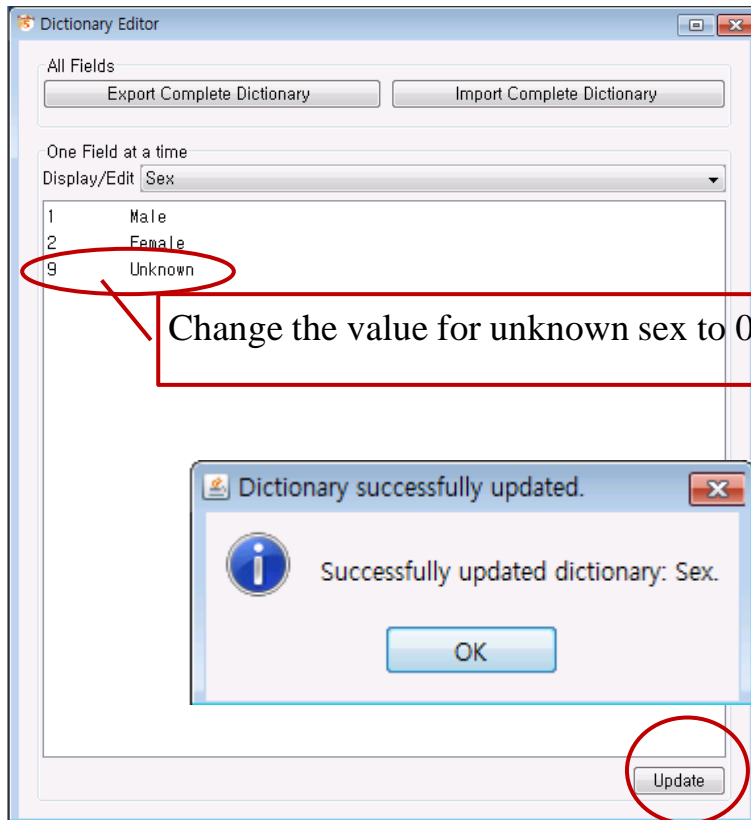
Export the current set of CanReg5 dictionaries.

“Import Dictionary from file” :

Import a complete set of CanReg5 dictionaries from a tab-separated file.

Dictionary Edit (2)

3. After Changing the value for unknown sex to 0, click the “Update” button.

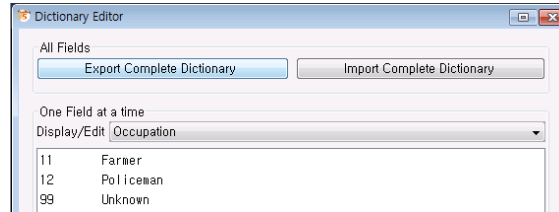


Dictionary Edit (3)

2. Change the value for occupation.

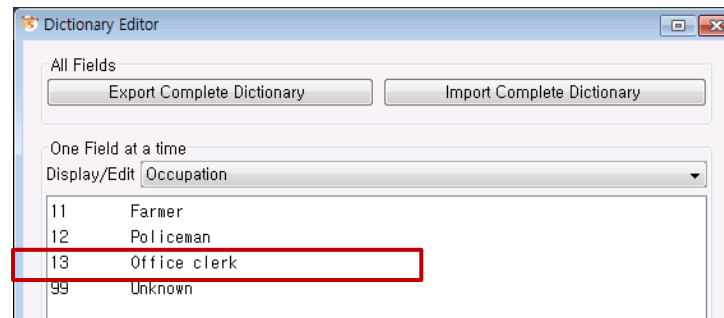
▷ Dictionary for occupation on demo system

11 Farmer
12 Policeman
99 Unknown



▷ Change the value for occupation

11 Farmer
12 Policeman
13 Office clerk
99 Unknown



After adding “13 Office clerk”, click the “Update” button.



Data entry, Quality check

Data entry

You can input cancer registry data by using browser menu.

Data is split over 3 main tables: patient, tumor, source

Patient table: the unique patient related information

Information of patient: surname,

first name, maiden name, middle name,
sex, birth date, tribe, occupation

Follow up: last contact date, status

Tumor table: pretty much the rest of patient and source data

Patient: age, address

Tumor: incidence date, topography,

morphology, behavior, basis diagnosis,
ICD-10, ICCC

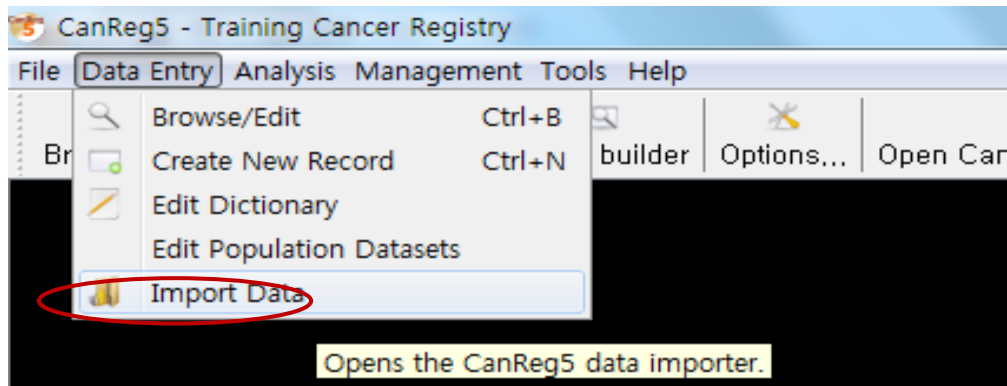
Source table: source information

hospital, unit, path lab number,

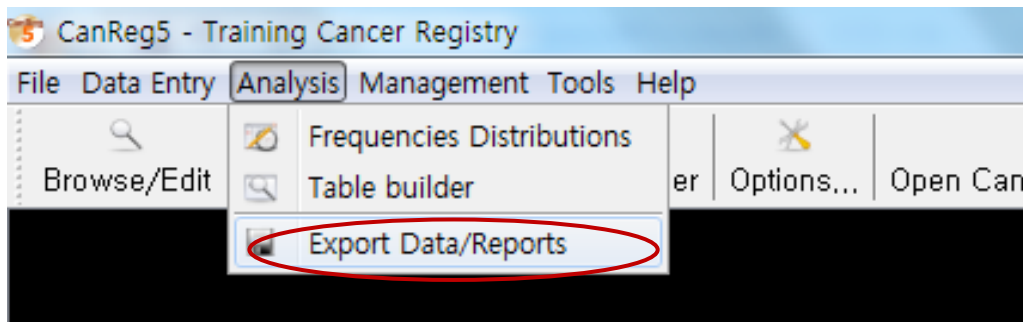
case number

Import/Export cancer registry data

"Import Data" is used to import data from other CanReg systems or other programs.



"Export Data/Reports" is used to export all, or part of, your CanReg5 data to an external text file.



Quality control and Consistency check (1)

You can do quality control and consistency checks.

The screenshot displays two windows from the CanReg 5 software. The top window, titled 'Patient: record1', contains fields for patient information such as Surname, First names, Maiden name, Sex, Birth date, Tribe, Occupation, and MiddleName. A red circle highlights the 'Run' button in the top left corner. The bottom window, titled 'Tumour record1', contains fields for tumour information such as Age, Address, Incidence date, Topography, Morphology, Behaviour, Basis diagnosis, ICD-10, and ICCC code. Red circles highlight the 'Run' buttons for 'Checks' and 'MP Search' in the top left corner. Both windows also have 'Save' buttons in the top right corner.

Patient table: Person search check

Tumour table: Edit check, MP search

Edit check:

Mandatory variables

Cross checks

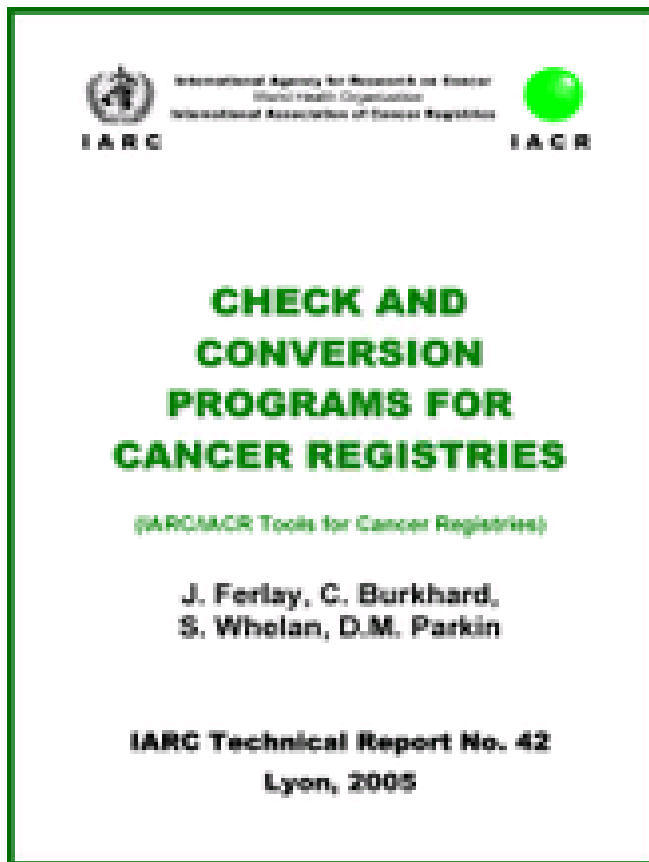
making ICD-10 and ICCC

MP search: checking multi primary cancer

Quality control and Consistency check (2)

▷ "Check and conversion programs for cancer registries" Download
URL: <http://www.iacr.com.fr/images/doc/TechRep42.pdf>

The Edit checks carried out by program are described blow:



- Individual data item edits

Incidence date, Age at incidence, Sex, Site, Morphology, Behavior, Grade

- Data combination edits

- Age/site/histology
- Age/incidence/histology
- Site/histology
- Sex/site
- Sex/histology
- Behavior/site
- Behavior/histology
- Grade/histology
- Basis of diagnosis/histology

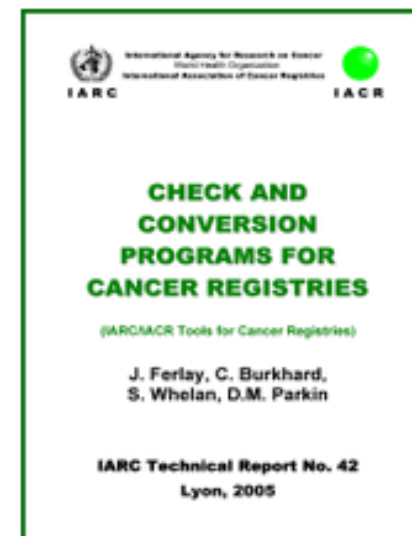
Quality control and Consistency check (3)

Appendix 1. Site-morphology combinations used in CHECK

Note: Morphological terms that are usually associated with a non-malignant behaviour code are in *italics*.

Family number	Family name	Family description	ICD O 3 Codes	Specific sites	Non-specific sites
---------------	-------------	--------------------	---------------	----------------	--------------------

Group 2: Tumours with specific site-profile					
8	Liver tumours	8170 Hepatocellular carcinoma 8171 Hepatocellular carcinoma, fibrolamellar 8172 Hepatocellular carcinoma, scirrhous 8173 Hepatocellular carcinoma, spindle cell variant 8174 Hepatocellular carcinoma, clear cell type 8175 Hepatocellular carcinoma, pleomorphic type 8970 Hepatoblastoma 9124 Kupffer cell sarcoma	C22 Liver and intrahepatic bile ducts		
9	Biliary tumours	8160 Cholangiocarcinoma 8161 Bile duct cystadenocarcinoma 8162 Klatskin tumour 8180 Combined hepatocellular carcinoma and cholangiocarcinoma 8264 Papillomatosis, glandular	C22 Liver and intrahepatic bile ducts C23 Gallbladder C24 Other and unspecified parts of biliary tract		



Bile duct cystadenocarcinoma and Intrahepatic bile ducts are unlikely combinations

Multiple primary cancer check (1)

You can check multiple primary cancer for cancer registry data.

URL: <http://codes.iarc.fr/>

http://whqlibdoc.who.int/publications/2000/9241545348_eng.pdf

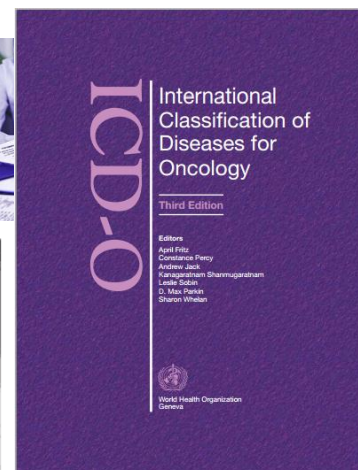


Table 24. Groups of Topography Codes from the Second and Third Editions of ICD-O Considered a Single Site in the Definition of Multiple Cancers

Second/Third Editions	First Edition
C01 Base of tongue	
C02 Other and unspecified parts of tongue	141
C05 Palate	
C06 Other and unspecified parts of mouth	145
C07 Parotid gland	
C08 Other and unspecified major salivary glands	142
C09 Tonsil	
C10 Oropharynx	146
C12 Pyramidal sinus	
C13 Hypopharynx	148
C19 Rectosigmoid junction	
C20 Rectum	154
C23 Gallbladder	
C24 Other and unspecified parts of biliary tract	156
C30 Nasal cavity and middle ear	
C31 Accessory sinus	160
C33 Trachea	
C34 Bronchus and lung	162
C37 Thymus	164
C38.0-3 Heart and mediastinum	164
C38.8 Overlapping lesion of heart, mediastinum and pleura	165.8
C40 Bones, joints and articular cartilage of limbs	
C41 Bones, joints and articular cartilage of other and unsp. sites	170
C51 Vulva	184.4
C52 Vagina	184.0
C57.7 Other specified female genital	184.9
C57.8-9 Overlapping lesion and female genital tract, NOS	184.8, 184.9
C60 Penis	
C63 Other and unspecified male genital organs	187
C64 Kidney	
C65 Renal pelvis	
C66 Ureter	
C68 Other and unspecified urinary organs	189
C74 Adrenal gland	194.0
C75 Other endocrine glands and related structures	194

Table 25. Groups of Malignant Neoplasms Considered to Be Histologically "Different" for the Purpose of Defining Multiple Tumors (adapted from Berg, 1994) (24)

Carcinomas	
1. Squamous carcinomas	M-805-M-808, M-812, M-813
2. Basal cell carcinomas	M-809-M-811
3. Adenocarcinomas	M-814, M-816, M-819-M-822, M-826-M-833, M-835-M-855, M-857, M-894
4. Other specific carcinomas	M-803, M-804, M-815, M-817, M-818, M-823-M-825, M-834, M-856, M-858-M-867
(5.) Unspecified carcinomas (NOS)	M-801, M-802
6. Sarcomas and soft tissue tumors	M-868-M-871, M-880-M-892, M-899, M-904, M-912, M-913, M-915-M-925, M-937, M-954-M-958
7. Lymphomas	M-959-M-972
8. Leukemia	M-980-M-994, M-995, M-996, M-998
9. Kaposi sarcoma	M-914
10. Mesothelioma	M-905
11. Other specified types of cancer	M-872-M-879, M-893, M-895-M-898, M-900-M-903, M-906-M-911, M-926-M-936, M-938-M-953, M-973-M-975, M-976
(12.) Unspecified types of cancer	M-800, M-997

Registries may follow different rules; in the United States of America, for example, most registries follow the rules of the Surveillance, Epidemiology and End Results (SEER) Program. The detailed instructions are outlined in the *SEER Program Code Manual* (25). SEER takes timing of the diagnoses into consideration, and counts as an individual site each segment of the colon, whereas IARC would consider the colon as one site. For histology, SEER counts each three-digit morphologic type mentioned as occurring in a site as one cancer, whereas the IARC guidelines use the broad groups outlined in Table 25 to define "different" histology. The *SEER Program Code Manual* contains more than 25 pages of discussion and instructions for determining and coding multiple combinations of lymphomas and leukemias.

Each registry must decide what rules to use for handling multiple tumors and the conventions followed should be outlined when presenting data.

Multiple primary cancer check (2)

When a patient has two topographies (C33, C34) and two morphologies (81403, 82603), since they are duplicate cases, you should make one topography and one morphology.

Table 24. Groups of Topography Codes from the Second and Third Editions of ICD-O Considered a Single Site in the Definition of Multiple Cancers

Second/Third Editions		First Edition
C01	Base of tongue	
C02	Other and unspecified parts of tongue	141
C05	Palate	
C06	Other and unspecified parts of mouth	145
C07	Parotid gland	
C08	Other and unspecified major salivary glands	142
C09	Tonsil	
C10	Oropharynx	146
C12	Pyiform sinus	
C13	Hypopharynx	148
C19	Rectosigmoid junction	
C20	Rectum	154
C23	Gallbladder	
C24	Other and unspecified parts of biliary tract	156
C30	Nasal cavity and middle ear	
C31	Accessory sinus	160
C33	Trachea	
C34	Bronchus and lung	162
C37	Thymus	164
C38.0-3	Heart and mediastinum	164
C38.8	Overlapping lesion of heart, mediastinum and pleura	165.8
C40	Bones, joints and articular cartilage of limbs	
C41	Bones, joints and articular cartilage of other and unspec. sites	170
C51	Vulva	184.4
C52	Vagina	184.0
C57.7	Other specified female genital	184.9
C57.8-9	Overlapping lesion and female genital tract, NOS	184.8, 184.9
C60	Penis	
C63	Other and unspecified male genital organs	187
C64	Kidney	
C65	Renal pelvis	
C66	Ureter	
C68	Other and unspecified urinary organs	189
C74	Adrenal gland	194.0
C75	Other endocrine glands and related structures	194

Table 25. Groups of Malignant Neoplasms Considered to Be Histologically "Different" for the Purpose of Defining Multiple Tumors (adapted from Berg, 1994) (24)

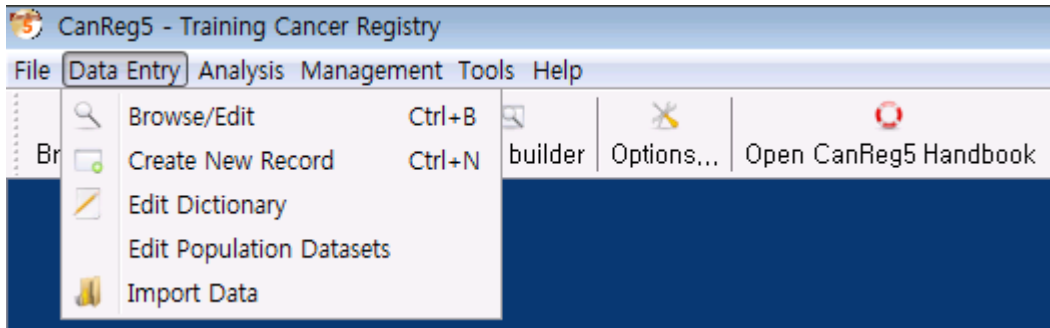
Carcinomas	
1. Squamous carcinomas	M-805-M-808, M-812, M-813
2. Basal cell carcinomas	M-809-M-811
3. Adenocarcinomas	M-814, M-816, M-819-M-822, M-826-M-833, M-835-M-855, M-857, M-894
4. Other specific carcinomas	M-803, M-804, M-815, M-817, M-818,
(5.) Unspecified carcinomas (NO	
6. Sarcomas and soft tissue tu	
	M-954-M-958
7. Lymphomas	M-959-M-972
8. Leukemia	M-980-M-994, M-995, M-996, M-998
9. Kaposi sarcoma	M-914
10. Mesothelioma	M-905
11. Other specified types of cancer	M-872-M-879, M-893, M-895-M-898, M-900-M-903, M-906-M-911, M-926-M-936, M-938-M-953, M-973-M-975, M-976
(12.) Unspecified types of cancer	M-800, M-997

81403: Adenocarcinoma, NOS
82603: Papillary adenoma, NOS

Registries may follow different rules; in the United States of America, for example, most registries follow the rules of the Surveillance, Epidemiology and End Results (SEER) Program. The detailed instructions are outlined in the *SEER Program Code Manual* (25). SEER takes timing of the diagnoses into consideration, and counts as an individual site each segment of the colon, whereas IARC would consider the colon as one site. For histology, SEER counts each three-digit morphologic type mentioned as occurring in a site as one cancer, whereas the IARC guidelines use the broad groups outlined in Table 25 to define "different" histology. The *SEER Program Code Manual* contains more than 25 pages of discussion and instructions for determining and coding multiple combinations of lymphomas and leukemias.

Each registry must decide what rules to use for handling multiple tumors and the conventions followed should be outlined when presenting data.

Data Entry (1)



“Data Entry” menu has submenus follow as:

- **Browse/Edit:** viewing and editing the database records
- **Create New Record:** creating a new record
- **Edit Dictionary:** editing dictionary values of any variable
- **Edit Population Datasets:** editing or adding population data sets
- **Import Data:** to import data from other CanReg systems or other programs

Data Entry (2)

*With the mouse, simply click on the variable you wish to edit, or on the dictionary box to select from the popup of the valid dictionary codes.
Date format is set to yyyyymmdd.*

- Patient

- 1) Enter "Patient"
- 2) Enter "Follow up"
- 3) Click "Save" : Saving new record
- 4) Click "Person Search Run" : finding a potential duplicates

- If you find a potential duplicates, then delete this record by using the "Menu : Deleting record" button.

Patient ID:00000001

Add tumour record Merge with other Patient ID ☐ Enable obsolete records PDF Print Patient/Tumour

Patient: record

Person Search Updated
By: morten
Today

Run Menu Save

Patient

Surname

First name

Sex

Birth date

Province of origin

Race

Follow up

Date last contact

Status

Data Entry (3)

- Tumor

1) Enter “Patient”, “Tumour” and “Source”

Patient ID:00000001

Add tumour record Merge with other Patient ID ☐ Enable obsolete records PDF Print Patient/Tumour

Tumour record1

Checks Run Not done MP Search Run Record Status Pending (0) Sequence Number: Total: Updated By: morten Today Menu Save

Patient

Address Address Detail Occupation Age

Tumour

Incidence date Topography Laterality Morphology Behaviour Basis diagnosis ICD-10 ICC code

Treatment

Surgery Radiotherapy Chemotherapy Endocrine Hormones

Sources

Add Source Remove Source

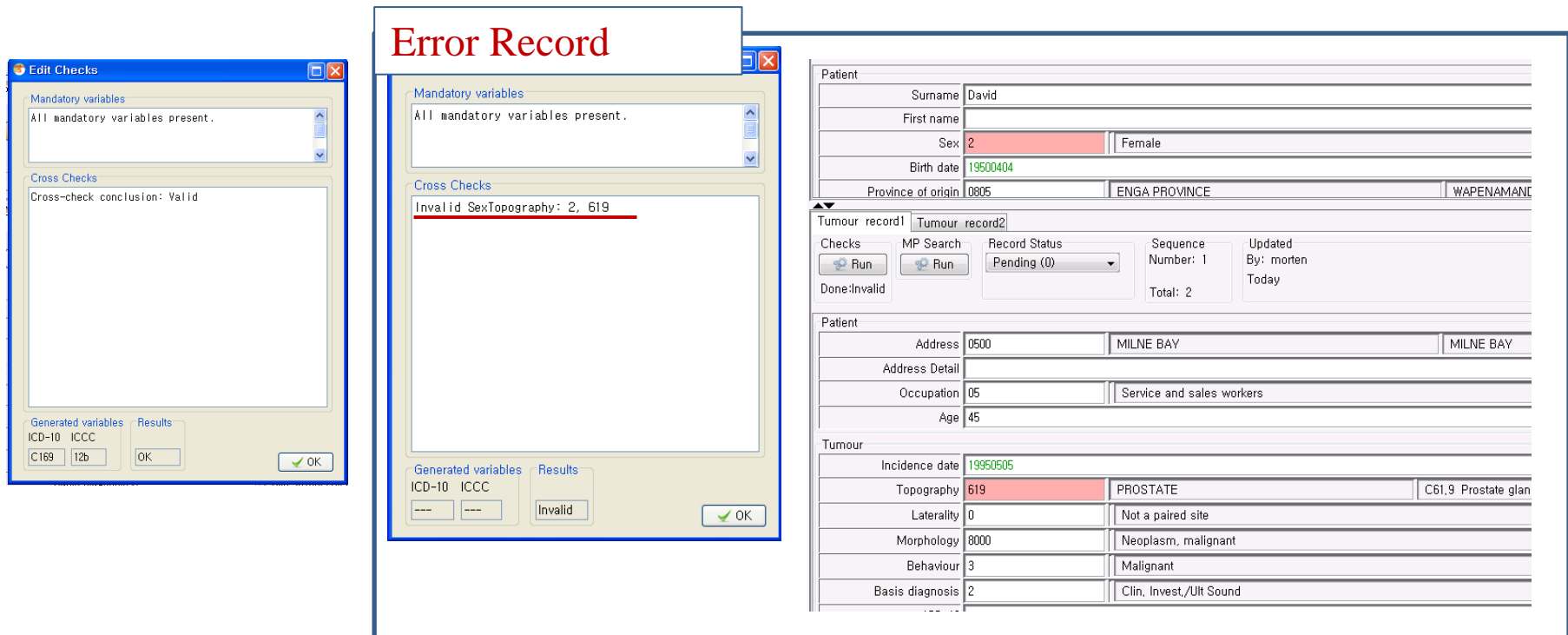
Source:1

Hospital

Hospital Unit Case number

Data Entry - Enter new cases (4)

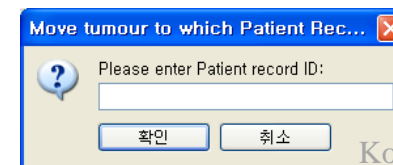
- 2) Click “Checks Run” : Validity-checking, Any variables with errors will be marked in red in the Record Edit screen and detailed error messages will appear in the Edit Checks pop-up window.



- 2) Click “MP Search Run” : Checking Multi primary tumour
If you click ‘Person Search’ in the Record Edit screen, the whole database is searched using "Probability Matching" for any records that might belong to the same person.

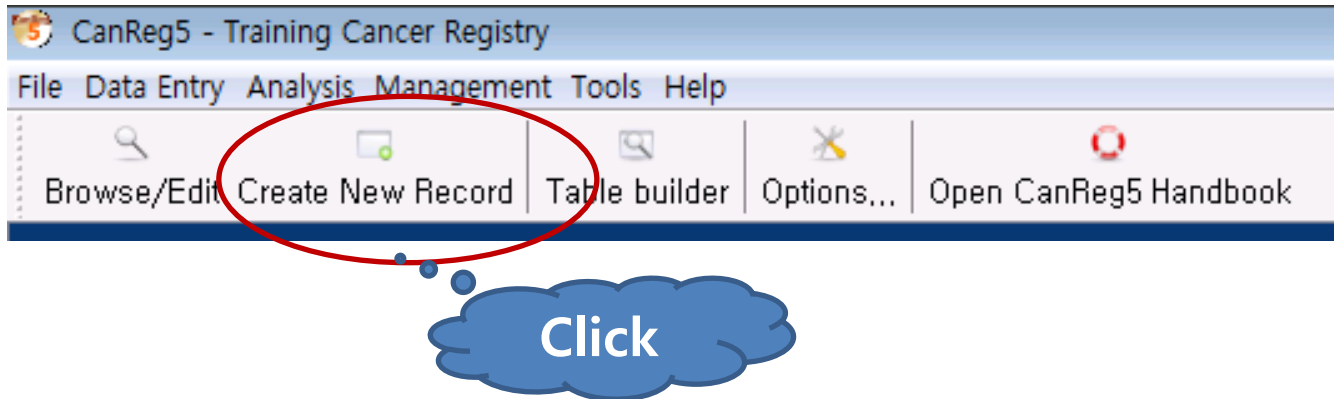
- 3) Click “Save” : Save the tumour record

- * Click “Menu” : Delete the record or Changing a patient record



Data Entry (1)

To input a new cancer registry data, Click a “Create New Record”



process of data entry

1. Input information of patient table
2. Save information of patient table
3. Check “person Search”
4. Input information of then tumor table and the source table
5. Check “Checks”
6. Check “multiple primary search”
7. Set “record status”
8. Save information of tumor table and source table

Data Entry - Exercise 1 (1)

Patient table

Patient group

Surname

First names

Median name

Sex

Date of Birth

Tribe

Occupation

Middle name

Follow up group

Date of Last Contact

Status

Nanju

Constance

2 (Female)

19380224 (24/02/1938)

27 (Langi)

11 (Farmers)

19970505 (05/05/1997)

2 (Dead)

Tumour table

Patient group

Age

Address

Tumour group

Incidence Date

Topography

Morphology

Behaviour

Basis of diagnosis

*ICD-10, ICC **

58

120 (KARMA City)

19960428 (28/04/1996)

541 (C541, Uteri Endometrium)

8020 (Undifferentiated Carcinoma)

3 (Malignant)

7 (Histology of Primary)

Source table

Hospital

Unit

Path lab no.

Case no.

01 (Port Moresby General Hospital)

14 (Medical)

2563

89500

**ICD-10 and ICC is automatically generated by using sex, topography and morphology*

Data Entry - Exercise 1 (2)

1. Input information of the patient table
2. Save information of the patient table
3. Check “person Search”

Patient: record1

Person S... Updated By: unknown

Run

Menu

Save

② Click !!

① Click !!

Message

No potential duplicates found.

OK

Message

New record saved.

OK

Patient	Surname	Cons
	First names	Nanj
	Maiden name	
	Sex	2
	Birth date	19380224
	Tribe	27 Langi
	Occupation	11 Farmer
	MiddleName	

Follow up

Date last contact 19970505

Status 2 Dead

Data Entry - Exercise 1 (3)

4. Input information of the tumor table and the source table

Patient ID: 91993046

☐ Enable obsolete records

Tumour record1

Record Status: Pending (0)
Sequence Number: 1
Updated By: morten Today

Not done

Topography: C54.1 Endometrium

Sources

Source: 1

Hospital

Hospital	01	St. Peter's Hosp.
Unit	14	Medical
Path lab n°	2563	
Case n°	89500	

Data Entry - Exercise 1 (4)

5. Check “Checks”

The screenshot shows the CanReg 5 data entry interface. The main window displays a tumour record for 'Tumour record1'. The 'Checks' section has a 'Run' button circled in blue with a red dot, and a red cloud-like callout with the text 'Click !!' pointing to it. The 'Record Status' is 'Pending (0)'. The 'Patient' section shows 'Age 57' and 'Address 120 KARMA'. The 'Tumour' section shows 'Incidence date 19950428', 'Topography 541 UTERI', 'Morphology 8020 Carcinoma, undifferentiated', 'Behaviour 3 Malignant', 'Basis diagnosis 7 Histology of primary', 'ICD-10 C541', and 'ICCC code 11f'. The 'Sources' section has 'Add Source' and 'Remove Source' buttons, with 'Source:1' and 'Hospital' fields. An 'Edit Checks' dialog box is open on the right, showing 'Mandatory variables' (All mandatory variables present), 'Cross Checks' (Cross-check conclusion: Valid), and 'Generated variables' (ICD-10 C541, ICC 11f) with 'Results' (OK). The dialog box has a green border and a green checkmark icon.

Click !!

Edit Checks

Mandatory variables
All mandatory variables present.

Cross Checks
Cross-check conclusion: Valid

Generated variables
ICD-10 ICC
C541 11f

Results
OK

OK

Data Entry - Exercise 1 (5)

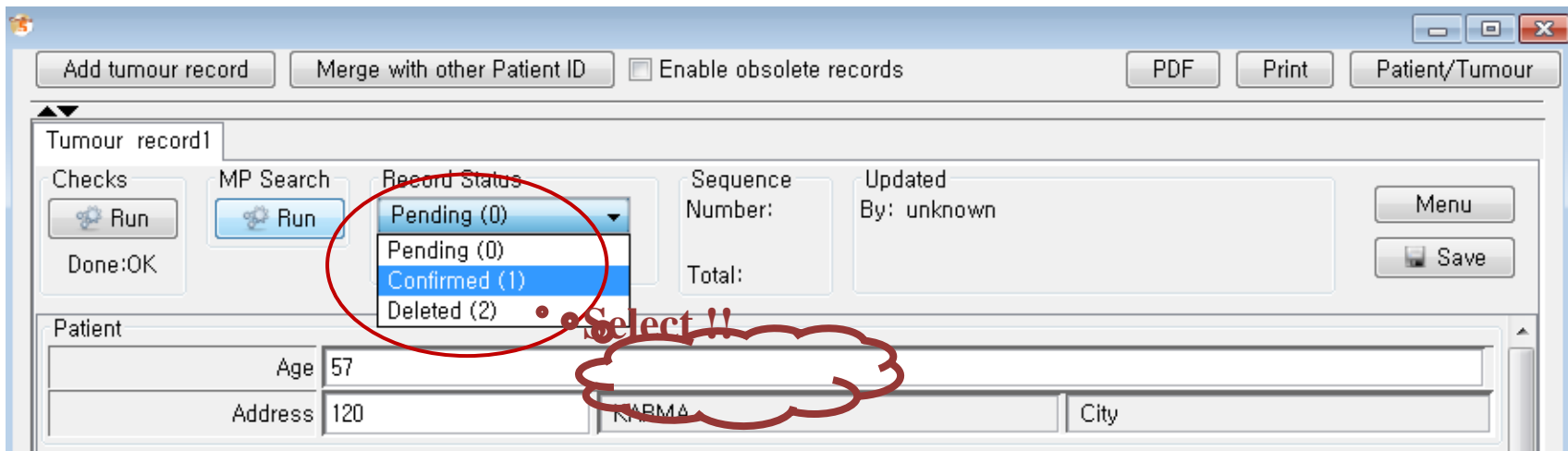
6. Check “multiple primary search”

Click !!

The screenshot shows the CanReg 5 software interface. At the top, there are buttons for 'Add tumour record', 'Merge with other Patient ID', and a checkbox for 'Enable obsolete records'. To the right are 'PDF', 'Print', and 'Patient/Tumour' buttons. Below these is a tabbed interface with 'Tumour record1' selected. The 'Checks' section contains a 'Run' button with a gear icon, which is circled in blue. A red dot is placed on the 'MP Search' button, with a red cloud-shaped callout above it saying 'Click !!'. A 'Result' dialog box is open in the center, displaying the message 'Only one tumour.' with an 'OK' button. The background form shows fields for 'Patient' (Age: 57, Address: 120...), 'Tumour' (Incidence date: 19950428), and 'Record Status' (Pending (0)).

Data Entry - Exercise 1 (6)

7. Set “Record status”



The screenshot shows the CanReg 5 software interface. At the top, there are buttons for 'Add tumour record', 'Merge with other Patient ID', and a checkbox for 'Enable obsolete records'. To the right are 'PDF', 'Print', and 'Patient/Tumour' buttons. Below these is a tab labeled 'Tumour record1'. The main area contains several sections: 'Checks' with a 'Run' button and 'Done:OK' text; 'MP Search' with a 'Run' button; 'Record Status' with a dropdown menu showing 'Pending (0)', 'Confirmed (1)', and 'Deleted (2)'; 'Sequence Number' and 'Total' fields; 'Updated By: unknown' text; and a 'Menu' button with a 'Save' button below it. At the bottom, there is a 'Patient' section with fields for 'Age' (57), 'Address' (120), 'KARMA', and 'City'. A red circle highlights the 'Record Status' dropdown, and a red arrow points to the 'Confirmed (1)' option with the text 'Select !!'.

Data Entry - Exercise 1 (7)

8. Save information of source table

Patient ID:91993046

☐ Enable obsolete records

Tumour record1

Record Status: Pending (0)

Sequence Number: 1

Updated By: morten Today

Total: 1

Sources

Source:1

Hospital	01
Unit	14
Path lab n°	2563
Case n°	89500

Message

New record saved.

Click !!

Data Entry - Exercise 2 (1)

Patient table

Patient group

Surname

First names

Median name

Sex

Date of Birth

Tribe

Occupation

Middle name

Follow up group

Date of Last Contact

Status

Nanju

Constance

2 (Female)

19380224 (24/02/1938)

27 (Langi)

11 (Farmers)

19970505 (05/05/1997)

2 (Dead)

Tumour table

Patient group

Age

Address

Tumour group

Incidence Date

Topography

Morphology

Behaviour

Basis of diagnosis

*ICD-10, ICC **

58

120 (KARMA City)

19960628 (28/04/1996)

541 (C541, Uteri Endometrium)

8162 (Undifferentiated Carcinoma)

3 (Malignant)

7 (Histology of Primary)

Source table

Hospital

Unit

Path lab no.

Case no.

02 (The cancer Institute)

11 (Cancer Institute)

2225

88881

**ICD-10 and ICC is automatically generated by using sex, topography and morphology*

Data Entry - Exercise 2 (2)

1. Input information of the patient table
2. Save information of the patient table
3. Check “person Search”
4. If you click the “OK” then, you can see two cases.

Patient ID:91993047

Add tumour record Merge with other Patient ID ☐ Enable obsolete records PDF Print Patient/Tumour

Patient Record: 9199304701

Person Search Updated By: morten Today

Run

Menu Save

Patient Surname Nanju

First names

Maiden name

Sex

Birth date

Tribe

Occupation

MiddleName

Follow up

Date last contact 19970505

Status 2 Dead

Message: Potential duplicates found: Patient id:91993046, score:96.62162% OK

Message: New record saved. OK

Data Entry - Exercise 2 (3)

5. If two cases are potential duplicates, delete this record by using “Menu > Delete record”

-----	Percent	RegNo	FamN	FirstN	BirthD	Sex	Trib
<input checked="" type="checkbox"/>	Original	91993047	Nanju	Constance	19380224	2	27
<input type="checkbox"/>	96.62162 %	91993046	Nanju	Constance	19380224	2	27

91993047 and 91993046 are potential duplicates.

This is a list of possible duplicates. Please decide if these are real duplicates.

Please do the following:

- 1) Take a look at them. Do this by either deciding just by looking at the data, or by clicking "Compare patients".
- 2) If any patient should be deleted, click "Delete record".
- 3) Open the patient you want to keep, and add a new tumour.
- 4) Repeat for all confirmed duplicates.

Patient ID: 91993047

Add tumour record Merge with other Patient ID ☐ Enable obsolete records PDF Print Patient/Tumour

Patient Record: 9199304701

Person Search Updated By: morten Today

Delete “91993047” case

Patient

Surname	Nanju
First names	Constance
Maiden name	
Sex	2
Birth date	19380224
Tribe	27
Occupation	11

Select an Option

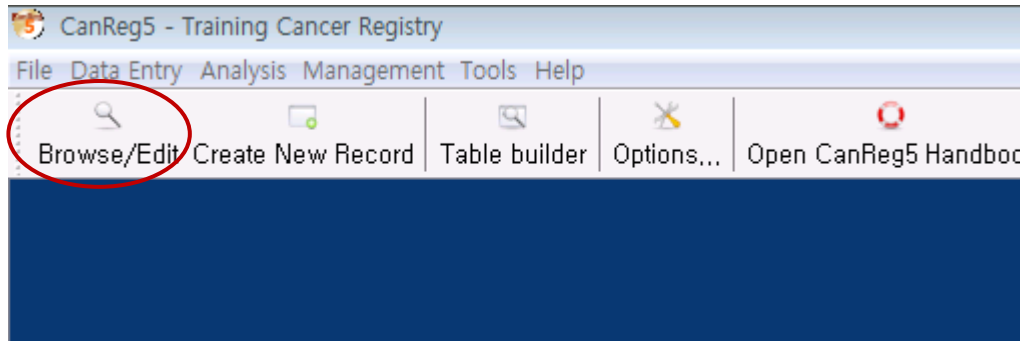
☒ Permanently delete record?

Message

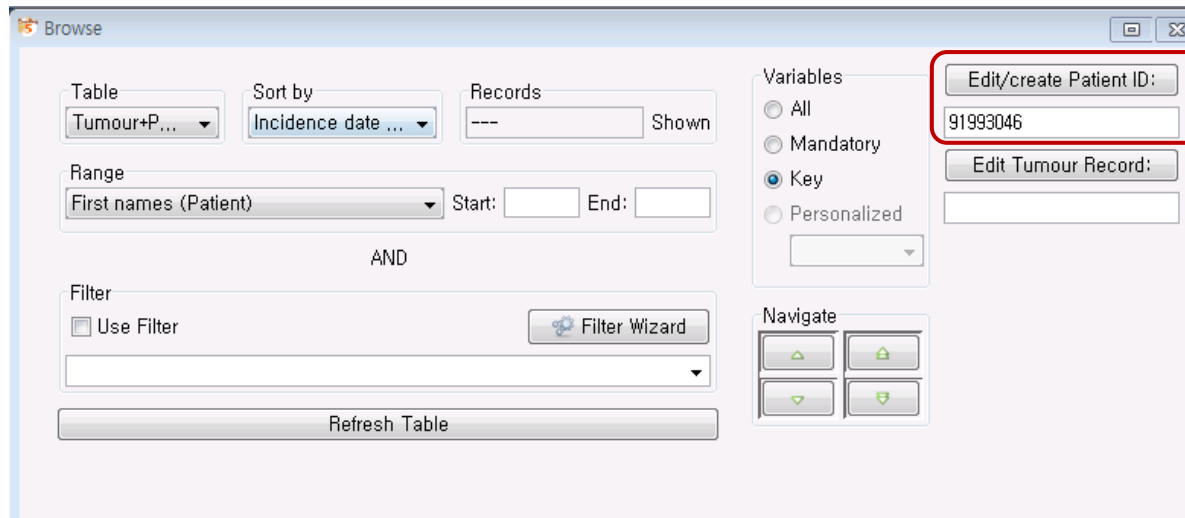
Record deleted.

Data Entry - Exercise 2 (4)

6. To add a tumor of “91993046”, click the “Browse/Edit” menu.



7. After inputting “91993046” in the “Edit/create Patient ID:” field, click the “Edit/create Patient ID:” button.



Data Entry - Exercise 2 (5)

8. To add tumor, If you click the “Add tumor record”, you can see the “tumor record2”

The screenshot shows the CanReg 5 software interface. At the top, the window title is 'Patient ID: 91993046'. Below the title bar, there are buttons for 'Add tumour record' (circled in red), 'Merge with other Patient ID', and 'Enable obsolete records'. There are also buttons for 'PDF', 'Print', and 'Patient/Tumour'. The main area is divided into several sections. The 'Patient' section contains fields for 'Surname' (Nanju) and 'First names' (Constance). Below this, there is a 'Tumour record2' section. This section has a 'Checks' button (circled in red), an 'MP Search' button, a 'Record Status' dropdown menu, a 'Sequence Number' field, and an 'Updated By: unknown' field. There are also 'Menu' and 'Save' buttons. The 'Tumour' section contains a table with the following rows: 'Incidence date', 'Topography', 'Morphology', 'Behaviour', 'Basis diagnosis', and 'ICD-10'. The 'Incidence date' row is highlighted in red. The 'Topography' row is also highlighted in red. The 'Morphology' row is highlighted in red. The 'Behaviour' row is highlighted in red. The 'Basis diagnosis' row is highlighted in red. The 'ICD-10' row is highlighted in red.

Data Entry - Exercise 2 (6)

9. Input the tumor table and source table.

10. Check “Checks”

Patient ID: 91993046

Add tumour record Merge with other Patient ID ☐ Enable obsolete records

Tumour record1 Tumour record2

Checks MP Search Record Status Sequence Updated

Run Run Pending (0)

Done: Rare

Patient

Age 58

Address 120

Tumour

Incidence date 19960628

Topography 541

Morphology 8162

Behaviour 3

Basis diagnosis 7

ICD-10 C221

ICCC code 7b

Sources

Add Source Remove Source

Source: 1

Hospital

Hospital 02

Unit 11

Path lab n° 2225

Case n° 88881

Edit Checks

Mandatory variables

All mandatory variables present.

Cross Checks

Rare TopographyMorphology: Morphology (8162) is in f

Endometrium

Generated variables: ICD-10 ICC

C221 7b

Results

Rare

OK

Rare TopographyMorphology: Morphology (8161) is in family 9, but topography is 541.

Endometrium and Klatskin tumor are unlikely combinations.

Data Entry - Exercise 2 (7)

11. Check check topography and morphology again

=> *if Topography is Intrahepatic bile duct C221 , modify it.*

Patient ID: 91993046

Add tumour record Merge with other Patient ID ☐ Enable obsolete records

Tumour record1 Tumour record2

Checks MP Search Record Status Sequence Updated

Run Run Pending (0)

Done:OK

Patient

Age 58

Address 120

Tumour

Incidence date 19960628

Topography 221

Morphology 8162

Behaviour 3

Basis diagnosis 7

ICD-10 C221

ICCC code 7b

Sources

Add Source Remove Source

Source:1

Hospital

Hospital 02

Unit 11

Path lab n° 2225

Case n° 88881

Edit Checks

Mandatory variables

All mandatory variables present.

Cross Checks

Cross-check conclusion: Valid

Generated variables

ICD-10 ICC

C221 7b

Results

OK

OK

Data Entry - Exercise 2 (8)

12. Check “multiple primary search”

Patient ID:91993046

Add tumour record Merge with other Patient ID ☐ Enable obsolete records

Tumour record1 Tumour record2

Checks MP Search Record Status Sequence Number: Updated By: unknown

Run Run Pending (0) Total:

Done:OK

Click !!

Patient

Age 58

Address 120 K City

Tumour

Incidence date 19960628

Topography 221 L C22,1 Intrahepatic

Morphology 8162 Klatskin tumor

Behaviour 3 Malignant

Basis diagnosis 7 Histology of primary

ICD-10 C221

ICCC code 7b

Sources

Result

! Result:Multiple Primary

OK

Data Entry - Exercise 2 (9)

13. Set “Record status”

The screenshot shows the CanReg 5 software interface. At the top, there are buttons for 'Add tumour record', 'Merge with other Patient ID', and a checkbox for 'Enable obsolete records'. To the right are 'PDF', 'Print', and 'Patient/Tumour' buttons. Below these is a 'Tumour record1' tab. The main area contains several sections: 'Checks' with a 'Run' button and 'Done:OK' text; 'MP Search' with a 'Run' button; 'Record Status' with a dropdown menu; 'Sequence Number' and 'Total' fields; 'Updated By: unknown' text; and a 'Menu' button. The 'Record Status' dropdown is open, showing four options: 'Pending (0)', 'Pending (0)', 'Confirmed (1)', and 'Deleted (2)'. A red circle highlights the dropdown, and a red cloud with the text 'Select !!' points to the 'Confirmed (1)' option. Below these are patient information fields: 'Patient' name, 'Age' (57), 'Address' (120), 'KARMA' (partially visible), and 'City'.

Data Entry - Exercise 2 (10)

14. Save information of source table

Patient ID: 91993046

Add tumour record Merge with other Patient ID ☐ Enable obsolete records PDF Print Patient/Tumour

Tumour record1 Tumour record2

Checks MP Search Record Status Sequence Number: Updated By: unknown

Run Run Pending (0) Total: Menu

Done:OK Save

Patient

Age 58

Address 120 KA City

Tumour

Incidence date 19960628

Topography 221 LI C22,1 Intrahepatic bile duct

Morphology 8162 Klatskin tumor

Behaviour 3 Malignant

Basis diagnosis 7 Histology of primary

ICD-10 C221

ICCC code 7b

Message

New record saved.

OK

Click !!

Try to entry cancer patients

Changing structure of CanReg5 (1)

You can change the structure of CanReg5 the way you want.

< Demo system structure >

Patient table: the unique patient related information

Information of patient: surname, first name, middle name, maiden name, sex, birth date, tribe, occupation etc.

Follow up: last contact date, status, etc.

Tumor table: pretty much the rest of patient and source

Patient: age, address, etc.

Tumor: incidence date, topography, morphology, behavior, basis diagnosis, ICD-10, ICCC, etc.

Source table: source information

hospital, unit, path lab number, case number, etc.

< Modified structure >

Information of patient: surname, first name, ~~middle name~~, ~~maiden name~~, sex, birth date, tribe, ~~occupation~~, **birth place**, etc.

Follow up: last contact date, status, **death place**, etc.

Patient: age, address, **occupation**, etc.

Tumor: incidence date, topography, morphology, behavior, basis diagnosis, ICD-10, ICCC, **treatment**, etc.

Source: hospital, **hospital region**, ~~unit~~, path lab number, case number, etc.

Changing structure of CanReg5 (2)

Patient table: the unique patient related information

Information of patient: surname, first name, sex, birth date, birth place, tribe

Follow up: last contact date, status, death place

< Demo structure >

Patient

Surname	
First names	
Maiden name	
Sex	
Birth date	
Tribe	
Occupation	
MiddleName	

Follow up

Date last contact	
Status	

< Modified structure >

Patient

Surname	
First names	
Sex	
Birth date	
Birth place	
Tribe	

Follow up

Date last contact	
Status	
Death place	

Changing structure of CanReg5 (3)

Tumor table: pretty much the rest of patient and source data

Patient: age, address, occupation

Tumor: incidence date, topography, morphology, behavior, basis diagnosis, ICD-10, ICCC, treatment (surgical therapy, chemical therapy, radiation therapy, immunotherapy)

< Demo structure >

The diagram illustrates the change in data structure for CanReg5. It shows two overlapping forms. The top form represents the 'old' structure, and the bottom form represents the 'Modified structure'.

Old Structure (Top Form):

- Patient:** Age, Address
- Tumour:** Incidence date, Topography, Morphology, Behaviour, Basis diagnosis, ICD-10, ICCC code

Modified Structure (Bottom Form):

- Patient:** Age, Address, Occupation
- Tumour:** Incidence date, Topography, Morphology, Basis diagnosis, Behaviour, Surgical therapy, Chemical therapy, Radiation therapy, Immunotherapy, ICD-10, ICCC code

A red box labeled "< Modified structure >" is placed over the top form, indicating the new layout. Blue boxes highlight the 'Occupation' field in the Patient section and the 'Surgical therapy', 'Chemical therapy', 'Radiation therapy', and 'Immunotherapy' fields in the Tumour section of the modified structure.

Changing structure of CanReg5 (4)

Source table: source information

hospital, hospital region, path lab number, case number

< Demo structure >

Sources

Source:1 Source:2 Source:3

Hospital

Hospital		
Unit		
Path lab n°		
Case n°		

< Modified structure >

Hospital

Hospital		
Hospital region		
Path lab n°		
Case n°		

What is your structure of CanReg5?

< Demo system structure >

Patient table: the unique patient related information

Information of patient: surname, first name, middle name, maiden name, sex, birth date, tribe, occupation etc.

Follow up: last contact date, status, etc.

Tumor table: pretty much the rest of patient and source

Patient: age, address, etc.

Tumor: incidence date, topography, morphology, behavior, basis diagnosis, ICD-10, ICCC, etc.

Source table: source information

hospital, unit, path lab number, case number, etc.

< Your structure >

Information of patient

Follow up:

Patient:

Tumor:

Source:





**Filter / Range, Frequencies,
Export data / Report**

Exercise – Filter / Range (1)

You can find out cancer registry data by using “Filter”, “Range” and “Sort by”.

The screenshot shows the CanReg 5 software interface. The main window is titled 'Browse' and contains several sections:

- Table:** A dropdown menu showing 'Tumour+P...'.
- Sort by:** A dropdown menu showing 'Incidence date ...'.
- Records:** A text box showing '5995' and a 'Shown' button.
- Range:** A dropdown menu showing 'First names (Patient)' and 'Start:' and 'End:' text boxes.
- Filter:** A section with a 'Use Filter' checkbox and a 'Filter Wizard' button.
- Variables:** A section with radio buttons for 'All', 'Mandatory', 'Key' (selected), and 'Personalized'.
- Navigate:** A section with four arrow buttons.
- Buttons:** 'Edit/create Patient ID:', 'Edit Tumour Record:', and 'Refresh Table'.

 Below the main window, a table of data is visible with columns: RECS, CHEC, AGE, ADDR, INCID, TOP, MOR, BEH, BAS, I10, MPCODE, MPSEQ, MPTOT, UPDATE, ICC. The 'INCID' column has a value '19010' highlighted in yellow.

 To the right, the 'Filter Wizard' dialog is open. It has a large empty box for the filter and a section at the bottom for selecting variables and operations. The section shows 'Address (Tu...' as the variable, '=' as the operation, and a logical operator dropdown.

Use “Range” as a primary selection, it is quicker

Operator	Description
=	Equal
<>	Not equal
>	Greater than
>=	Greater than or equal
<	Less than
<=	Less than or equal
BETWEEN	Between an inclusive range
LIKE	Search for a pattern (use % as wildcard)
OR	matching one of the criteria.
AND	matching both criteria

Exercise – Filter / Range (2)

In the Browse option of CanReg5, use the Filter and Range controls as described ...

Q1. To select only Stomach cancer cases,
set “Start” box to C160 and “End” to C169.

How many cases are there?

Q2. Set the range to “Incidence Date”

What are the first and last incidence dates in the table?

We want to select all records for April, 1995:

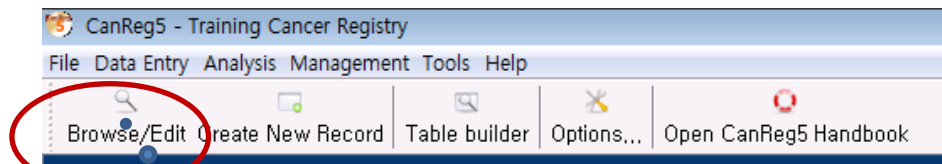
Set the “Start” to 19950400 and “End” to 19950430.

How many cases are there?

Q3. How many records have Females with Surname beginning with ‘N’?

Exercise – Filter / Range (3)

**Q1. To select only Stomach cancer cases, set “Start” box to C160 and “End” to C169.
How many cases are there? 119 cases**



Click

1. Choose ICD-10 variable on Range.
2. Set “Start” box to C160 and “End” to C169
3. Click the “Refresh Table”

Table: Source+Tu... Sort by: Incidence date ... Records: 119 Shown

Range: ICD-10 (Tumour) Start: C160 End: C169

AND

Filter: ☐ Use Filter [Filter Wizard](#)

[Refresh Table](#)

Variables: ☒ All ☐ Mandatory ☐ Key ☐ Personalized

Navigate: [Up](#) [Down](#) [Left](#) [Right](#)

Edit/create Patient ID: 19950122

Edit Tumour Record:

HOSP	UNIT	LABNO	CASNO	TUMOURIDSOURCE	TABLE	SOURCE	RECORDID	RECS	CHEC	AGE	ADDR	INCID
01	10	B2387/89	107700	198900340101		19890034010101		1	1	48	304	19890..
01	14	B3966/89	1727	198901670101		19890167010101		1	1	60	120	19891..
01	99		174816	199003020101		19900302010101		1	1	75	120	19900..
06	99	B2005/90	5319	199002260101		19900226010101		1	1	50	120	19900..

Exercise – Filter / Range (4)

Q2. Set the range to “Incidence Date”

We want to select all records for April, 1995:

Set the “Start” to 19950400 and “End” to 19950430.

How many cases are there? 178 cases

1. Choose Incidence date variable on Range.
2. Set “Start” box to 19950400 and “End” to 19950430
3. Click the “Refresh Table”

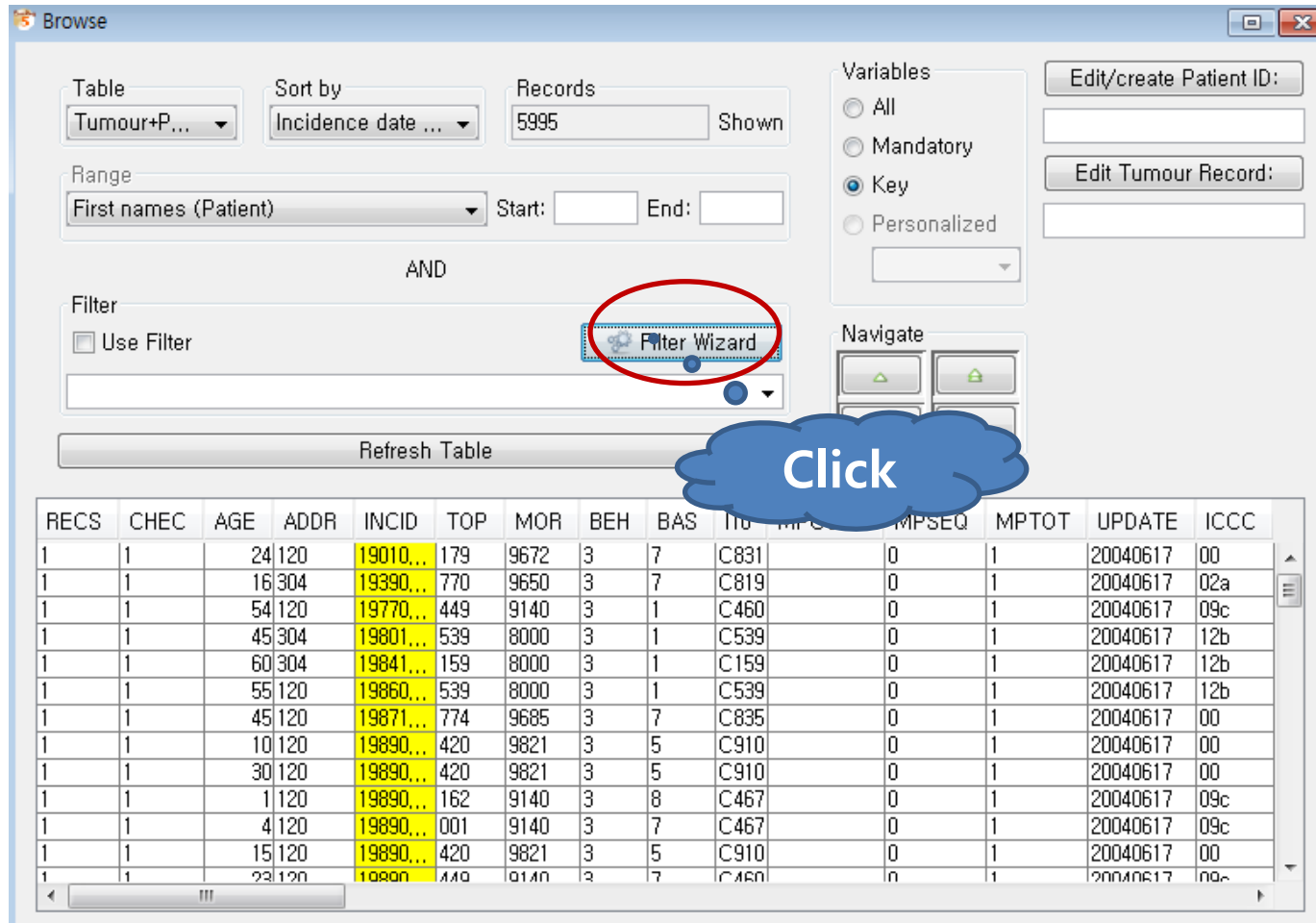
The screenshot shows the 'Browse' window in CanReg 5. The 'Table' is set to 'Source+Tu...'. The 'Sort by' is 'Incidence date ...'. The 'Records' shown are 178. The 'Range' is set to 'Incidence date (Tumour)' with 'Start: 9950400' and 'End: 9950430'. The 'Filter' section has 'Use Filter' checked and a 'Filter Wizard' button. The 'Variables' section has 'All' selected. The 'Navigate' section has four buttons. The 'Refresh Table' button is at the bottom.

HOSP	UNIT	LABNO	CASNO	TUMOURID	SOURCE	TABLE	SOURCE	RECORDID	RECS	CHEC	AGE	ADDR	INCID
06	99	N185/95		199506090101			19950609010101		1	1	99	120	19950..
32	99	B2286/95	696	199515490101			19951549010101		1	1	35	049	19950..
02	11	B2037/95		199511090101			19951109010101		1	1	25	309	19950..

Exercise – Filter / Range (5)

Q3. How many records have Females with Surname beginning with ‘N’?

1. Click “Filter Wizard”



The screenshot shows the 'Browse' window in CanReg 5. The 'Table' dropdown is set to 'Tumour+P...'. The 'Sort by' dropdown is set to 'Incidence date ...'. The 'Records' field shows '5995' and 'Shown'. The 'Range' dropdown is set to 'First names (Patient)'. The 'Filter' section has a checkbox for 'Use Filter' and a button for 'Filter Wizard' which is circled in red. A blue cloud with the word 'Click' points to the 'Filter Wizard' button. The 'Variables' section has radio buttons for 'All', 'Mandatory', 'Key' (selected), and 'Personalized'. The 'Navigate' section has two buttons. The 'Refresh Table' button is at the bottom. The table below shows patient records with columns: RECS, CHEC, AGE, ADDR, INCID, TOP, MOR, BEH, BAS, ID, IMP, IMPSEQ, MPTOT, UPDATE, ICC.

RECS	CHEC	AGE	ADDR	INCID	TOP	MOR	BEH	BAS	ID	IMP	IMPSEQ	MPTOT	UPDATE	ICC
1	1	24	120	19010...	179	9672	3	7	C831		0	1	20040617	00
1	1	16	304	19390...	770	9650	3	7	C819		0	1	20040617	02a
1	1	54	120	19770...	449	9140	3	1	C460		0	1	20040617	09c
1	1	45	304	19801...	539	8000	3	1	C539		0	1	20040617	12b
1	1	60	304	19841...	159	8000	3	1	C159		0	1	20040617	12b
1	1	55	120	19860...	539	8000	3	1	C539		0	1	20040617	12b
1	1	45	120	19871...	774	9685	3	7	C835		0	1	20040617	00
1	1	10	120	19890...	420	9821	3	5	C910		0	1	20040617	00
1	1	30	120	19890...	420	9821	3	5	C910		0	1	20040617	00
1	1	1	120	19890...	162	9140	3	8	C467		0	1	20040617	09c
1	1	4	120	19890...	001	9140	3	7	C467		0	1	20040617	09c
1	1	15	120	19890...	420	9821	3	5	C910		0	1	20040617	00
1	1	23	120	19890...	449	9140	3	7	C460		0	1	20040617	09c

Exercise – Filter / Range (6)

2. Select “Variable” and “Operation” and input “value”, select logical operation
Variable: Surname, Operation: Like, Value: N%, Logical operation: AND

Table: Tumour+P... Sort by: Incidence date ... Records: 5995 Shown: Variables: All Edit/create Patient ID:

Range: First names (Patient) AND

Filter: ☐ Use Filter Refresh Tab

RECS	CHEC	AGE	ADDR	INCID	TO
1	1	24	120	19010...	179
1	1	16	304	19390...	770
1	1	54	120	19770...	449
1	1	45	304	19801...	539
1	1	60	304	19841...	159
1	1	55	120	19860...	539
1	1	45	120	19871...	774
1	1	10	120	19890...	420
1	1	30	120	19890...	420
1	1	1	120	19890...	162
1	1	4	120	19890...	001
1	1	15	120	19890...	420
1	1	23	120	19890...	440

Filter Wizard

Filter

Select Variable, Operation, Value
then choose 'And' or 'Or' or click OK,

Variable	Operation	Value	Logical operator
Surname (Pat...)	=	N%	AND

Car AND OR

BETWEEN LIKE

8	C467	0	1	20040617	09c				
7	C467	0	1	20040617	09c				
5	C910	0	1	20040617	00				
7	C467	0	1	20040617	09c				

Exercise – Filter / Range (7)

3. Select “Variable” and “Operation” and input “Value”

Variable: Sex, Operation: =, Value: 2

4. Click “OK”

Table: Tumour+P... Sort by: Incidence date ... Records: 5995 Shown

Range: First names (Patient) Start: End:

Variables: ☐ All ☐ Mandatory ☒ Key ☐ Personalized

Edit/create Patient ID: Edit Tumour Record:

Filter: ☐ Use Filter

RECS	CHEC	AGE	ADDR
1	1	24	120
1	1	16	304
1	1	54	120
1	1	45	304
1	1	60	304
1	1	55	120
1	1	45	120
1	1	10	120
1	1	30	120
1	1	1	120
1	1	4	120
1	1	15	120
1	1	23	120

Filter Wizard

Filter: FamN LIKE 'N%' AND

Select Variable, Operation, Value then choose 'And' or 'Or' or click OK.

Variable	Operation	Value
Sex (Patient)	=	2

Logical operator: ☐ And ☒ Or

Cancel OK

Click

Exercise – Filter / Range (8)

Question: How many records are females with Surname beginning with 'N'?

Answer: 1604 records

Browse

Table: Tumour+P... Sort by: Incidence date ... Records: 1604 Shown

Range: First names (Patient) Start: End:

AND

Filter: ☒ Use Filter Filter Wizard

FamN LIKE 'N%' AND Sex = '2'

Refresh Table

Variables: ☐ All ☐ Mandatory ☒ Key ☐ Personalized

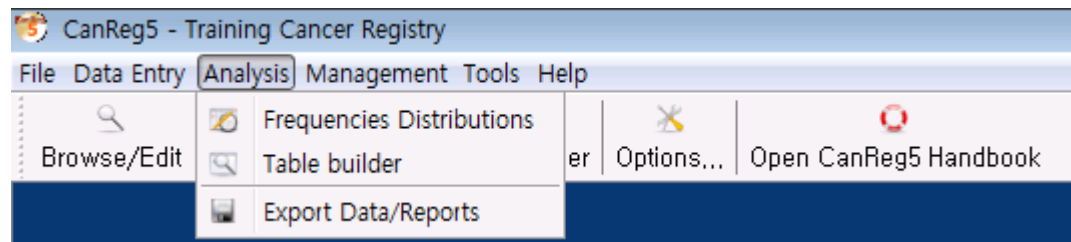
Edit/create Patient ID: Edit Tumour Record:

Navigate:

ATIONSTATUS	REGNO	PERS	FAMN	FIRSTN	SEX	BIRTHD	DLC	OBSOLETEFLAGPATIENTTABLE	PATIENTREC
	19930599	1	NAKA...	SYLVIA	2	19230701		0	1993059901
	19920688	1	NALW...	HAJARA	2	19350701		0	1992068801
	19920249	1	NANT...	FLORE..	2	19310701		0	1992024901
	19890103	1	Nalwa...	Jozephi..	2	19590701	1989...	0	1989010301
	19890006	1	NAMU...	SOFIA	2	19880701	1989...	0	1989000601
	19890004	1	NAKITO	ROBINA	2	19390701		0	1989000401
	19890021	1	NANY...		2	19600701		0	1989002101
	19890017	1	NSANGI		2	19520701		0	1989001701
	19890013	1	NANJU	NALON..	2	19620701		0	1989001301
	19890027	1	NAKA...	JALIA	2	19490701		0	1989002701
	19890022	1	NAKA...	TEDDY	2	19330701		0	1989002201
	19890025	1	NAKA...	SUFUULA	2	19840701	1989...	0	1989002501
	19890028	1	NAKA...	NA	2	19490701		0	1989002801

Exercise – Filter / Range (9)

Exercise



“Analysis” menu has submenus follow as:

- Frequencies Distributions: making a frequencies by year
- Table builder: making a incidence rates and some graphs
- Export Data/Reports: To export all, or part of , your CanReg5 data to an external text file

Analysis - Frequencies Distributions (1)

< Frequencies by year >

Frequencies by Year

Table
Tumour+P...

Range
First names (Patient) Start: End:

AND

Filter
☐ Use Filter [Filter Wiz](#)

Refresh Table

Select variables

- PatientRecordStatus Data
- PatientUpdateDate Data
- PatientUpdatedBy Data
- Person search Data
- Record status Data
- Registry Number Data
- Sex Data
- Status Data
- Surname Data
- Topography Data
- Tribe Data
- TumourID Data
- TumourUnduplicationStatus Data

☐ Select all variables

Save table Print Table Pop-out Table

YEAR	SEX	CASES
1990	1	179
1990	2	217
1991	1	302
1991	2	363
1992	1	372
1992	2	335
1993	1	431
1993	2	406
1994	1	455
1994	2	541
1995	1	818

Analysis - Frequencies Distributions (2)

< Frequencies by year >

Frequencies by Year

Table
Tumour+P...

Range
First names (Patient) Start: End:

AND

Filter
☐ Use Filter Filter Wiz

Refresh Table

Select variables

- First names ☐ Data
- ICCC code ☐ Data
- ICD-10 ☒ Data
- Incidence date ☐ Data
- MP Seq ☐ Data
- MP Tot ☐ Data
- Maiden name ☐ Data
- MiddleName ☐ Data
- Morphology ☐ Data
- Multiple Primary ☐ Data
- ObsoleteFlagPatientTable ☐ Data
- ObsoleteFlagTumourTable ☐ Data
- Occupation ☐ Data

☐ Select all variables

Save table Print Table Pop-out Table

YEAR	I10	SEX	CASES
1990	C029	1	2
1990	C030	2	2
1990	C051	1	1
1990	C119	1	5
1990	C119	2	2
1990	C140	2	1
1990	C159	1	14
1990	C159	2	7
1990	C160	1	1
1990	C169	1	1
1990	C169	2	3

Exercise

Analysis – Export data/reports (1)

To export all, or part of, your CanReg5 data to an external text file.

1. export data/reports – selection

Export

Selection | Export

Table: Tumour+P... | Sort by: Incidence date ... | Records: 5995

Range: First names (Patient) | Start: | End: |

AND

Filter: ☒ Use Filter | Filter W

Refresh Table

Select variables:

	Data	Category	Descrip
Check status	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Date last contact	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
First names	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ICCC code	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ICD-10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Incidence date	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MP Seq	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MP Tot	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maiden name	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MiddleName	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Morphology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Multiple Primary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ObsoleteFlagPatientTable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ObsoleteFlagTumourTable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Occupation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Select all variables

☐ Export source information

Preview

AGE	ADDR	INCI	TOP	BAS	I10	SEX	BIRTHD
24	120	19010...	179	7	C831	1	18770701
16	304	19390...	770	7	C819	2	19230701
54	120	19770...	449	1	C460	1	19230701
45	304	19801...	539	1	C539	2	19350701
60	304	19841...	159	1	C159	2	19240701
55	120	19860...	539	1	C539	2	19310701
45	120	19871...	774	7	C835	1	19420701
10	120	19890...	420	5	C910	1	19790701
30	120	19890...	420	5	C910	2	19590701
1	120	19890...	162	8	C467	2	19880701
4	120	19890...	001	7	C467	1	19850701
15	120	19890...	420	5	C910	2	19740701
23	120	19890...	449	7	C460	1	19660701
35	120	19890...	690	7	C467	1	19540701
45	120	19890...	449	7	C460	1	19440701
50	120	19890...	446	7	C460	2	19390701
99	120	19890...	220	1	C220	1	18900701
29	120	19890...	539	7	C539	2	19600701
2	304	19890...	420	1	C959	1	19870701
53	304	19890...	180	0	C180	1	19360701
27	120	19890...	539	1	C539	2	19620701
35	120	19890...	539	1	C539	2	19540701
37	120	19890...	539	1	C539	2	19520701
30	304	19890...	420	5	C910	1	19590701
48	120	19890...	399	1	C399	1	19410701
10	120	19890...	809	1	C837	1	19790701
25	120	19890...	539	1	C539	2	19640701

Analysis – Export data/reports (2)

2. export data/reports – Export

Export

Selection | Export

Options

Short Variable names ☐ Titles (Heading)

File format: Tab Separated Values

☐ Format Date dd/mm/yyyy

☐ Correct Unknown Date

Export setup Load Save

Export

Preview

AGE	ADDR	INCID	TOP	BAS	I10	SEX	BIRTHD
24	120	19010...	179	7	C831	1	18770701
16	304	19390...	770	7	C819	2	19230701
54	120	19770...	449	1	C460	1	19930701
45	304	19801...	539	1	C460	1	19930701
60	304	19841...	159	1	C460	1	19930701
55	120	19860...	539	1	C460	1	19930701
45	120	19871...	774	1	C460	1	19930701
10	120	19890...	420	1	C460	1	19930701
30	120	19890...	420	1	C460	1	19930701
1	120	19890...	162	1	C460	1	19930701
4	120	19890...	001	1	C460	1	19930701
15	120	19890...	420	1	C460	1	19930701
23	120	19890...	449	1	C460	1	19930701
35	120	19890...	690	1	C460	1	19930701
45	120	19890...	449	1	C460	1	19930701
50	120	19890...	446	7	C460	2	19390701
99	120	19890...	220	1	C220	1	18900701
29	120	19890...	539	7	C539	2	19600701
2	304	19890...	420	1	C959	1	19870701
53	304	19890...	180	0	C180	1	19360701
27	120	19890...	539	1	C539	2	19620701
35	120	19890...	539	1	C539	2	19540701
37	120	19890...	539	1	C539	2	19520701
30	304	19890...	420	5	C910	1	19590701
48	120	19890...	399	1	C399	1	19410701
10	120	19890...	809	1	C837	1	19790701
25	120	19890...	539	1	C539	2	19640701

Success

Data exported to : C:\Windows\Desktop\data.txt

OK

File format:

- Tab Separated values (.txt)
- Comma Separated (.csv)

When you can open data, / you should select data format as text type.

If you don't work it, you import 009 as 9.

Analysis – Export data/reports (3)

< export data >

	A	B	C	D	E	F	G	H	I	J	K
1	AGE	ADDR	INCID	TOP	TOP (cat)	TOP (desc)	BAS	I10	SEX	SEX (desc)	BIRTHD
2	24	120	19010917	179	SMALL INTESTINE	Small intestine	7	C831	1	Male	18770701
3	16	304	19390909	770	LYMPH NODES	Lymph nodes of head, face an	7	C819	2	Female	19230701
4	54	120	19770617	449	SKIN	Skin, NOS	1	C460	1	Male	19230701
5	45	304	19801117	539	CERVIX	Cervix uteri	1	C539	2	Female	19350701
6	60	304	19841124	159	ESOPHAGUS	Oesophagus, NOS	1	C159	2	Female	19240701
7	55	120	19860519	539	CERVIX	Cervix uteri	1	C539	2	Female	19310701
8	45	120	19871201	774	LYMPH NODES	Lymph nodes, inguinal region	7	C835	1	Male	19420701
9	10	120	19890607	420	BLOOD	Blood	5	C910	1	Male	19790701
10	30	120	19890614	420	BLOOD	Blood	5	C910	2	Female	19590701
11	1	120	19890717	162	STOMACH	Body of stomach	8	C467	2	Female	19880701
12	4	120	19890728	001	LIP	External lower lip	7	C467	1	Male	19850701
13	15	120	19890728	420	BLOOD	Blood	5	C910	2	Female	19740701

Select variables

Address	<input checked="" type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Age	<input checked="" type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Basis diagnosis	<input checked="" type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Behaviour	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Birth date	<input checked="" type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Check status	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Date last contact	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
First names	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
ICCC code	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
ICD-10	<input checked="" type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Incidence date	<input checked="" type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
MP Seq	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
MP Tot	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Maiden name	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
MiddleName	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip

☐ Select all variables

Select variables

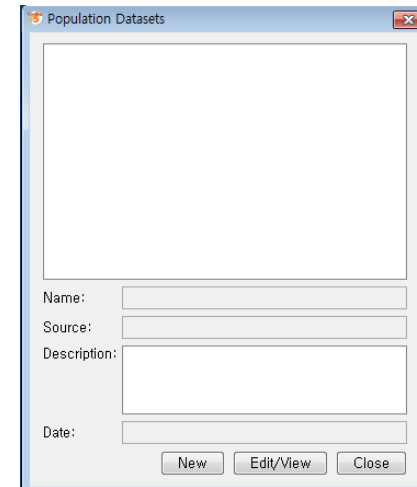
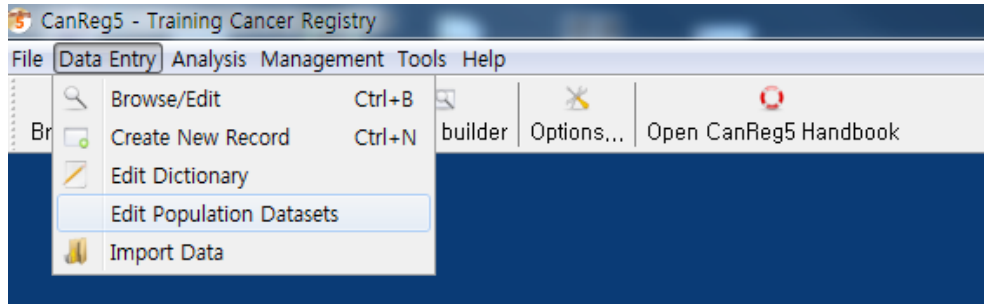
PatientRecordStatus	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
PatientUpdateDate	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
PatientUpdatedBy	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Person search	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Record status	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Registry Number	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Sex	<input checked="" type="checkbox"/> Data	<input type="checkbox"/> Category	<input checked="" type="checkbox"/> Descrip
Status	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Surname	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Topography	<input checked="" type="checkbox"/> Data	<input checked="" type="checkbox"/> Category	<input checked="" type="checkbox"/> Descrip
Tribe	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
TumourID	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
TumourUnduplicationStatus	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
TumourUpdatedBy	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip
Update Date	<input type="checkbox"/> Data	<input type="checkbox"/> Category	<input type="checkbox"/> Descrip



Table builder / management

Population Dataset Editor (1)

- Use “Data Entry>Edit Population Datasets”



- Enter Population data by age group
- The Population Data Set editor also allows you to import a PDS from an Excel-file.
- Delete : Delete the population data set
- Locked : Modify the population data set by supervisor
- Save : Save the population data

Population Dataset Editor (2)

- Details

- Name : Name of the Population
- Filter : Selection criteria, so the program only selects records corresponding to the population (Using "Filter wizard")

- Source : Source of this data (e.g. whether Government Census, or Estimation)
- Descriptions : Descriptions of the Population (less than 255 characters)
- Age group structure : Age group structure
- Date : Date when the population was at this amount.
- Standard Population : "Age Standardised" rates are calculated in order to compare rates from different countries that have different age profiles. Normally the "Standard" population is the World standard included here. (If you wish to change this, click on the standard pop. edit button.)

< Age group structure >

Population Dataset Editor (3)

Input “Details”

Population Data Set Editor

Details Population Data Set Pyramid

Name: POP 1995

Filter: Filter Wizard

Source: POPULATION ESTIMATE, MID-1995

Description:

Age group structure: 0-4, 5-9, 10-14, 15-19, ..., 85+ Other

Date: 19950701

Reference Population: World Standard Population Edit

Population Data Set Editor

Details Population Data Set Pyramid

Population Data Set

Age Group	Male	Female
0-4	83104	90902
5-9	76102	83901
10-14	69100	76900
15-19	71511	85144
20-24	63511	73144
25-29	60140	52788
30-34	52146	42784
35-39	26684	20770
40-44	23680	14770
45-49	13311	11116
50-54	9311	7116
55-59	5140	5339
60-64	4130	4335
65-69	2559	3334
70-74	1459	2334
75-79	1333	1869
80-84	531	867
85+	429	768
Total	564181	578181

Delete Toggle lock Cancel Save as New Save

Population Datasets

POP 1993-1995

Name: POP 1993-1995

Source: POPULATION ESTIMATE, MID-1994

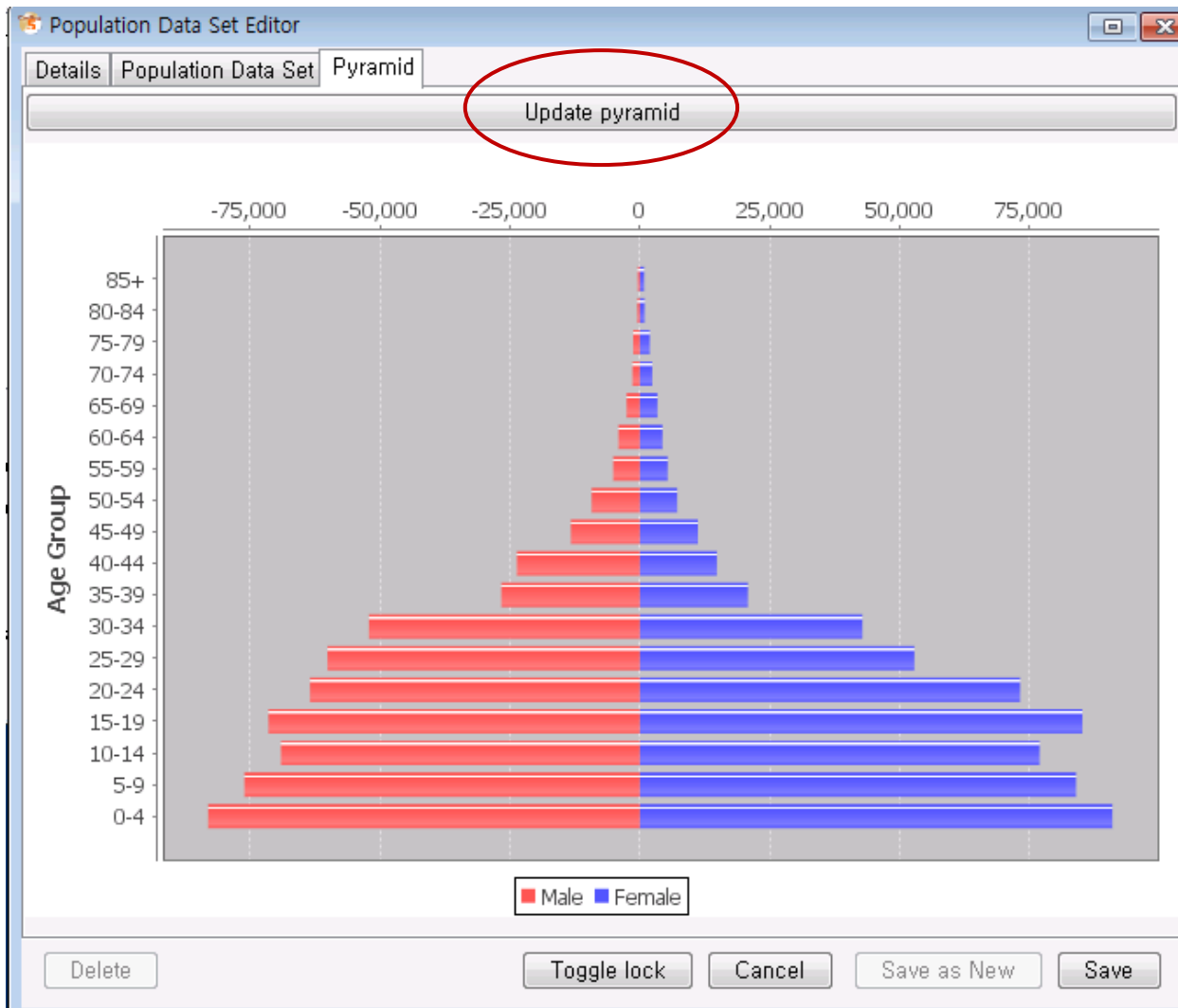
Description:

Date: 19950701

New Edit/View Close

Population Dataset Editor (4)

< Population pyramid >



Exercise – Input population data

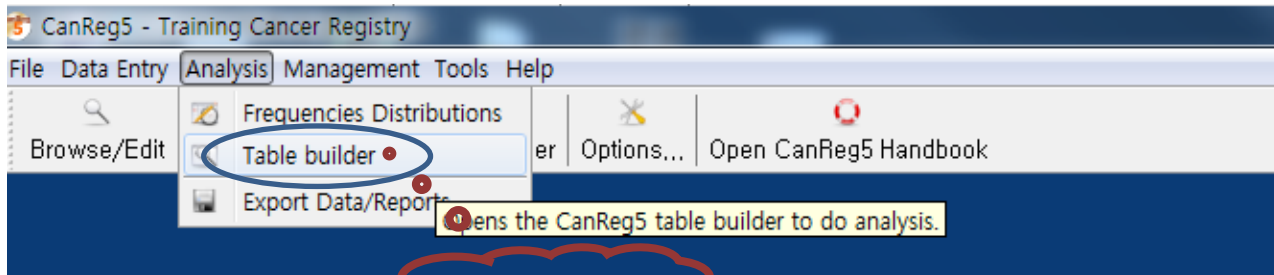
POPULATION ESTIMATE, MID-1995

Ages	Male	Female	World
0 – 4	83104	90902	12000
5 – 9	76102	83901	10000
10 – 14	69100	76900	9000
15 – 19	71511	85144	9000
20 – 24	63511	73144	8000
25 – 29	60140	52788	8000
30 – 34	52146	42784	6000
35 – 39	26684	20770	6000
40 – 44	23680	14770	6000
45 – 49	13311	11116	6000
50 – 54	9311	7116	5000
55 – 59	5140	5339	4000
60 – 64	4130	4335	4000
65 – 69	2559	3334	3000
70 – 74	1459	2334	2000
75 – 79	1333	1869	1000
80 – 84	531	867	500
85 +	429	768	500
	564181	578181	100000

Exercise: Table builder (1)

- Use “Analysis>Table builder”

Choose Incidence per 100,000 by age group (Period).



1. Choose table type
2. Input “Range” (Enter “Start year” and “End year”)
3. Select “Population Data Set” (Select one population dataset per year)
4. Make tables (Input “Header of table”, Choose file format)

Let’s make a incidence per 100,000 by age group (Period)

Exercise: Table builder (2)

1. Choose table type

Choose Incidence per 100,000 by age group (Period).

The screenshot shows the 'Table builder' window with the following elements:

- Choose table type** tab selected.
- Buttons: **Range**, **Population Data Set**, **Filter**, **Make tables**.
- Table list (scrollable):
 - Piechart of cases by age group by sex (excluding skin)
 - Cases by age group (Period)
 - CI5 Editorial Tables
 - Data Quality Indicators (beta)
 - Incidence per 100,000 by age group (Period)** (highlighted in blue)
 - ASR in major diagnosis groups in single calendar years of observation
 - Number of cases in major diagnosis groups in single calendar years of observation
- Preview area (bottom right):
 - Text: **Incidence per 100,000 by age group (Period)**
 - Table preview for **ALGERIA, B2TP (1990-2002)** showing columns for Age Group, Sex, and Incidence per 100,000.
- Buttons at the bottom: **Back**, **Cancel**, **Next**.

Exercise: Table builder (3)

2. Input Range

Enter “Start year” and “End year” .
“Start year”: 1995, “End year”: 1995

Table builder

Choose table type Range Population Data Set Filter Make tables

Start year: 1995

End year: 1995

Mid-year: 1995

Number of years: 1

Start cannot be after end - moving end,

Back Cancel Next

3. Select Population Data Set

Choose “POPULATION ESTIMATE, MID-1995”

Table builder

Choose table type Range Population Data Set Filter Make tables

Please choose one population dataset per year:

1995: POPULATION ESTIMATE, MID-1995

☐ Don't use population dataset(s) - NO RATES WILL BE CALCULATED

Back Cancel Next

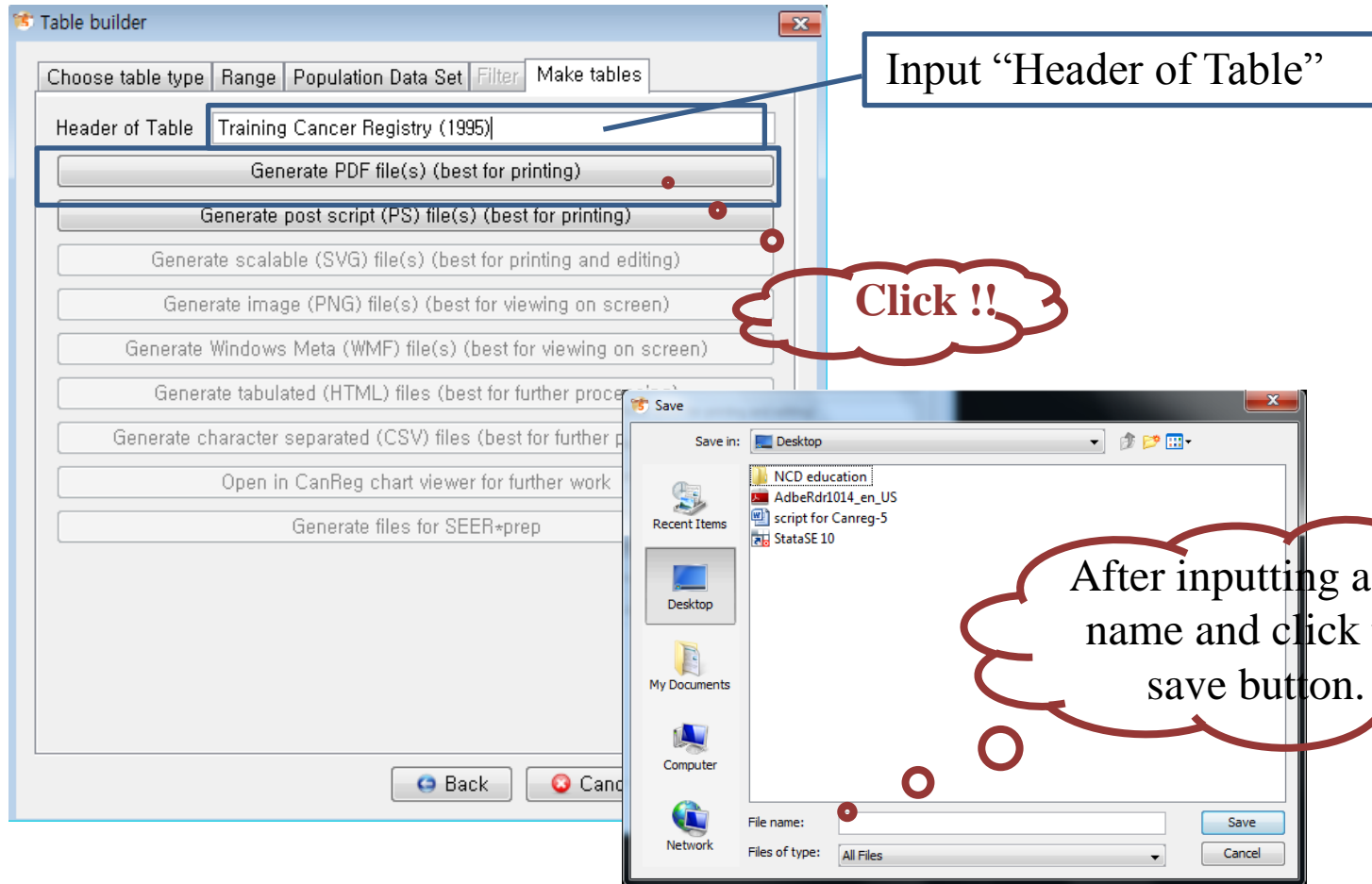
Exercise: Table builder (4)

4. Make tables

Input “Header of Table” (Input “Training Cancer Registry (1995)”)

Click “Generate PDF file(s) (Best for printing)”.

Input the file name to save the table



Exercise: Table builder (5)

- Incidence per 100,000 by age group (Period)

Training Cancer Registry (1995)

POPULATION ESTIMATE

Incidence per 100,000 by age group (Period) - Male

SITE	ALL AGES	UNK	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	CRUDE RATE	(%)	CUM 0-64	CUM 0-74	ASR	ICD (10th)
Lip	1	0	-	-	-	-	-	-	-	-	-	-	-	-	24.2	-	-	-	-	-	0.2	0.1	0.12	0.12	1.0	C00
Tongue	2	0	-	-	-	-	-	-	-	3.7	-	-	-	-	-	39.1	-	-	-	-	0.4	0.3	0.02	0.21	1.4	C01-02
Mouth	17	0	-	1.3	-	-	1.6	3.3	3.8	7.5	8.4	-	21.5	19.5	-	-	-	150.0	376.6	-	3.0	2.1	0.33	0.33	6.9	C03-06
Salivary glands	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68.5	-	-	-	0.2	0.1	0.00	0.34	1.4	C07-08
Tonsil	3	0	-	-	-	-	-	-	-	-	4.2	7.5	-	-	-	39.1	-	-	-	-	0.5	0.4	0.06	0.25	1.9	C09
Other oropharynx	2	0	-	-	-	-	-	-	-	-	-	-	-	19.5	-	-	68.5	-	-	-	0.4	0.3	0.10	0.44	2.1	C10
Nasopharynx	10	0	-	-	-	1.4	1.6	1.7	5.8	-	4.2	-	-	38.9	-	39.1	-	-	-	-	1.8	1.3	0.27	0.46	3.7	C11
Hypopharynx	2	0	-	-	-	-	-	-	-	-	-	-	10.7	-	-	39.1	-	-	-	-	0.4	0.3	0.05	0.25	1.7	C12-13
Pharynx unspecified	3	1	-	-	-	-	-	-	-	-	-	-	10.7	19.5	-	-	-	-	-	-	0.5	0.4	0.23	0.23	2.0	C14
Esophagus	40	1	-	-	-	-	1.6	-	3.8	-	21.1	60.1	85.9	19.5	48.4	78.2	411.2	75.0	565.0	-	7.1	5.0	1.23	3.74	27.1	C15
Stomach	24	0	-	-	-	-	-	3.3	-	-	8.4	15.0	21.5	38.9	121.1	78.2	274.2	225.1	-	-	4.3	3.0	1.04	2.80	19.2	C16
Small intestine	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C17
Colon	5	1	-	-	-	-	-	-	-	-	-	-	10.7	-	-	39.1	137.1	-	-	-	0.9	0.6	0.07	1.17	5.6	C18
Rectum	15	1	-	-	-	1.4	3.1	1.7	-	3.7	4.2	-	10.7	-	24.2	117.2	68.5	75.0	188.3	-	2.7	1.9	0.26	1.26	9.7	C19-20
Anus	6	0	-	-	-	1.4	-	-	-	-	4.2	-	10.7	-	-	39.1	68.5	-	233.1	-	1.1	0.8	0.08	0.62	4.6	C21
Liver	24	1	-	-	-	-	-	1.7	9.6	15.0	4.2	7.5	53.7	-	48.4	78.2	137.1	-	-	-	4.3	3.0	0.73	1.85	12.5	C22
Gallbladder etc.	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C23-24
Pancreas	2	0	-	-	-	-	-	-	-	-	-	-	10.7	-	-	-	68.5	-	-	-	0.4	0.3	0.05	0.40	1.9	C25
Nose, sinuses etc.	1	0	-	-	-	-	-	-	-	-	-	-	-	19.5	-	-	-	-	-	-	0.2	0.1	0.10	0.10	0.8	C30-31
Larynx	5	0	-	-	-	-	-	-	-	3.7	-	-	-	19.5	48.4	39.1	-	-	-	-	0.9	0.6	0.36	0.55	4.1	C32
Trachea, bronchus and lung	5	1	-	-	-	-	-	3.3	-	-	-	-	-	-	24.2	-	68.5	-	-	-	0.9	0.6	0.17	0.60	3.3	C33-34
Other thoracic organs	1	0	-	-	-	-	-	-	-	-	-	-	-	19.5	-	-	-	-	-	-	0.2	0.1	0.10	0.10	0.8	C37-38
Bone	8	0	-	-	1.4	4.2	3.1	-	1.9	-	4.2	-	-	-	-	-	-	-	-	-	1.4	1.0	0.07	0.07	1.1	C40-41
Melanoma of skin	13	0	-	-	-	-	-	-	-	7.5	-	-	10.7	38.9	24.2	117.2	274.2	-	-	-	2.3	1.6	0.41	2.36	12.5	C43
Other skin	20	2	-	1.3	-	-	-	-	1.9	3.7	8.4	7.5	21.5	19.5	24.2	-	205.6	225.1	188.3	233.1	3.5	2.5	0.49	1.63	14.1	C44
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C45
Kaposi sarcoma	338	6	13.2	22.3	7.2	5.6	36.2	101.4	136.2	194.9	152.0	165.3	85.9	155.6	121.1	78.2	205.6	300.1	-	-	59.9	42.4	6.09	7.54	81.2	C46
Connective and soft tissue	14	1	-	1.3	1.4	-	3.1	-	-	7.5	8.4	7.5	-	38.9	24.2	-	68.5	-	-	-	2.5	1.8	0.50	0.87	6.5	C47, C49
Breast	8	2	-	-	-	-	1.6	-	-	4.2	7.5	10.7	-	-	-	-	68.5	-	188.3	-	1.4	1.0	0.16	0.62	4.9	C50
Penis	24	2	-	-	-	-	-	-	-	-	-	7.5	21.5	97.3	145.3	78.2	205.6	-	565.0	-	4.3	3.0	1.48	3.03	22.4	C60
Prostate	67	3	-	-	-	-	1.7	-	-	-	-	15.0	10.7	38.9	363.2	312.6	1507.9	225.1	565.0	1631.7	11.9	8.4	2.25	11.78	73.7	C61
Testis	1	0	-	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.1	0.01	0.01	0.1	C62
Other male genital organs	1	0	-	-	-	-	-	-	1.9	-	-	-	-	-	-	-	-	-	-	-	0.2	0.1	0.01	0.01	0.1	C63
Kidney	6	0	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	0.8	0.04	0.04	0.9	C64
Renal pelvis	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C65
Ureter	1	0	-	-	-	-	-	-	-	-	-	-	-	19.5	-	-	-	-	-	-	0.2	0.1	0.10	0.10	0.8	C66
Bladder	6	0	-	-	-	-	-	-	-	-	7.5	-	-	-	-	39.1	137.1	-	188.3	233.1	1.1	0.8	0.04	0.92	6.5	C67
Other urinary organs	1	0	-	-	-	-	-	-	-	-	-	-	-	-	24.2	-	-	-	-	-	0.2	0.1	0.12	0.12	1.0	C68
Eye	25	0	6.0	-	-	-	4.7	5.0	9.6	7.5	8.4	-	21.5	-	24.2	78.2	-	-	-	-	4.4	3.1	0.43	0.83	7.4	C69
Brain, nervous system	2	0	-	1.3	-	-	-	-	-	3.7	-	-	-	-	-	-	-	-	-	-	0.4	0.3	0.03	0.03	0.4	C70-72
Thyroid	1	0	-	-	-	-	-	-	1.9	-	-	-	-	-	-	-	-	-	-	-	0.2	0.1	0.01	0.01	0.1	C73
Adrenal gland	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C74
Other endocrine	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C75
Hodgkin disease	8	0	-	-	1.4	2.8	-	3.3	1.9	-	-	-	10.7	-	-	-	68.5	-	-	-	1.4	1.0	0.10	0.44	2.7	C81
Non-Hodgkin lymphoma	50	0	7.2	23.7	8.7	2.8	-	1.7	5.8	11.2	8.4	15.0	32.2	-	96.9	-	-	-	-	-	8.9	6.3	1.07	1.07	12.3	C82-85, C96
Immunoproliferative diseases	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C88
Multiple myeloma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C90
Lymphoid leukaemia	3	0	-	-	1.4	1.4	-	-	-	-	-	-	-	-	-	39.1	-	-	-	-	0.5	0.4	0.01	0.21	1.4	C91
Myeloid leukaemia	4	0	1.2	2.6	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	0.5	0.03	0.03	0.5	C92-94
Leukaemia unspecified	2	0	-	-	-	-	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0.3	0.02	0.02	0.3	C95
Myeloproliferative disorders	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	MPD
Myelodysplastic syndromes	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	MD5
Other and unspecified	46	4	-	5.3	1.4	4.2	4.7	3.3	1.9	-	8.4	30.1	53.7	58.4	193.7	78.2	137.1	75.0	188.3	-	8.2	5.8	2.00	3.18	25.9	OKU
All sites	818	26	34.9	59.1	24.6	25.2	66.1	131.4	186.0	269.8	261.8	353.1	526.3	680.9	1380.1	1445.9	4249.5	1350.3	3013.2	2331.0	145.0	100.0	20.16	48.46	370.4	ALL
All sites but C44	798	24	34.9	57.8	24.6	25.2	66.1	131.4	184.1	266.1	253.4	345.6	504.8	661.5	1355.9	1445.9	4043.9	1125.3	2824.9	2097.9	141.4	100.0	20.16	48.46	370.4	ALLHC44

, Reference population: World Standard Population

Table built Sat Jun 06 20:29:58 KST 2015 by CanReg5.

Exercise: Table builder (6)

- Incidence per 100,000 by age group (Period)

Training Cancer Registry (1995)

POPULATION ESTIMATE

Incidence per 100,000 by age group (Period) - Female

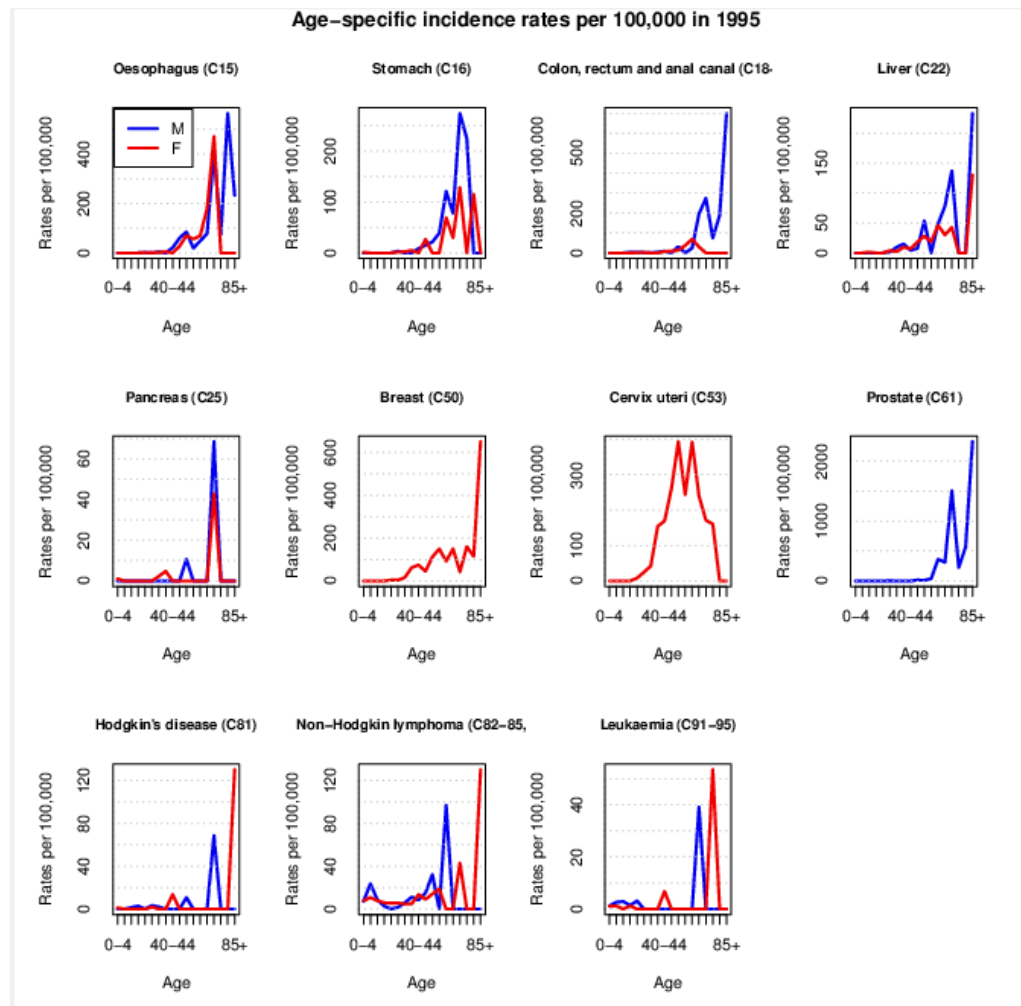
SITE	ALL AGES	AGE UNK	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	CRUDE RATE	(%)	CUM 0-64	CUM 0-74	ASR	ICD (10th)	
Lip	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C00	
Tongue	1	0	-	-	-	-	-	-	-	-	-	9.0	-	-	-	-	-	-	-	-	0.2	0.1	0.04	0.04	0.5	C01-02	
Mouth	9	1	-	-	-	-	-	3.8	2.3	4.8	6.8	-	-	-	23.1	-	42.8	-	115.3	-	1.6	1.1	0.23	0.47	3.9	C03-06	
Salivary glands	1	0	-	-	-	-	-	-	-	-	-	-	-	18.7	-	-	-	-	-	-	0.2	0.1	0.09	0.09	0.7	C07-08	
Tonsil	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C09	
Other oropharynx	1	0	-	-	-	-	-	-	-	4.8	-	-	-	-	-	-	-	-	-	-	0.2	0.1	0.02	0.02	0.3	C10	
Nasopharynx	3	0	-	-	-	-	-	-	-	4.8	6.8	-	14.1	-	-	-	-	-	-	-	0.5	0.4	0.13	0.13	1.4	C11	
Hypopharynx	1	0	-	-	-	-	-	-	-	-	-	-	-	18.7	-	-	-	-	-	-	0.2	0.1	0.09	0.09	0.7	C12-13	
Pharynx unspecified	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C14	
Esophagus	34	0	-	-	-	-	1.4	-	2.3	4.8	-	27.0	70.3	56.2	69.2	180.0	471.3	-	-	-	5.9	4.2	1.16	4.41	25.5	C15	
Stomach	15	0	1.1	-	-	-	-	1.9	2.3	4.8	-	27.0	-	-	69.2	30.0	128.5	-	115.3	-	2.6	1.8	0.53	1.32	9.1	C16	
Small intestine	1	0	-	-	-	-	-	-	-	-	-	-	-	-	23.1	-	-	-	-	-	0.2	0.1	0.12	0.12	0.9	C17	
Colon	4	0	-	-	-	-	-	1.9	-	-	6.8	-	-	-	23.1	30.0	-	-	-	-	0.7	0.5	0.16	0.31	2.4	C18	
Rectum	4	0	-	-	-	-	-	-	-	-	-	9.0	14.1	18.7	23.1	-	-	-	-	-	0.7	0.5	0.32	0.32	2.9	C19-20	
Anus	3	0	-	-	-	-	1.4	-	-	-	-	-	-	18.7	23.1	-	-	-	-	-	0.5	0.4	0.22	0.22	1.8	C21	
Liver	17	0	-	-	1.3	-	-	3.8	2.3	9.6	6.8	18.0	28.1	18.7	46.1	30.0	42.8	-	130.2	-	2.9	2.1	0.67	1.04	9.0	C22	
Gallbladder etc.	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C23-24	
Pancreas	4	0	1.1	-	-	-	-	-	2.3	4.8	-	-	-	-	-	-	42.8	-	-	-	0.7	0.5	0.04	0.26	1.4	C25	
Nose, sinuses etc.	3	0	-	1.2	-	-	-	-	2.3	-	-	9.0	-	-	-	-	-	-	-	-	0.5	0.4	0.06	0.06	0.8	C30-31	
Larynx	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.8	53.5	115.3	-	0.5	0.4	0.00	0.21	2.0	C32	
Trachea, bronchus and lung	1	0	-	-	-	-	-	-	-	-	-	-	-	18.7	-	-	-	-	-	-	0.2	0.1	0.09	0.09	0.7	C33-34	
Other thoracic organs	3	0	-	-	-	-	-	-	-	-	-	-	14.1	-	46.1	-	-	-	-	-	0.5	0.4	0.30	0.30	2.5	C37-38	
Bone	6	0	1.1	-	1.3	1.2	1.4	-	-	-	6.8	-	-	-	23.1	-	-	-	-	-	1.0	0.7	0.17	0.17	1.8	C40-41	
Melanoma of skin	16	2	-	-	-	-	-	-	2.3	-	-	9.0	28.1	37.5	46.1	150.0	-	-	115.3	-	2.8	2.0	0.70	1.56	12.0	C43	
Other skin	11	1	-	-	-	-	-	1.9	-	-	6.8	18.0	28.1	18.7	-	30.0	42.8	53.5	-	-	1.9	1.4	0.40	0.80	6.7	C44	
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C45	
Kaposi sarcoma	190	3	17.6	7.2	5.2	7.0	46.5	98.5	77.1	62.6	67.7	27.0	84.3	37.5	23.1	-	42.8	-	-	-	32.9	23.3	2.85	3.07	37.7	C46	
Connective and soft tissue	16	0	-	-	2.6	-	1.4	3.8	4.7	9.6	-	18.0	28.1	-	46.1	-	-	-	115.3	-	2.8	2.0	0.57	0.57	6.4	C47, C49	
Breast	76	5	-	-	-	-	4.1	3.8	16.4	62.6	74.5	45.0	112.4	149.8	92.3	150.0	42.8	160.5	115.3	-	13.1	9.3	3.00	4.03	37.9	C50	
Vulva	5	1	-	-	-	-	-	-	-	-	-	18.0	-	-	-	30.0	42.8	-	-	-	0.9	0.6	0.11	0.57	3.5	C51	
Vagina	5	0	-	-	-	-	1.4	-	-	6.8	9.0	28.1	-	-	-	30.0	42.8	-	-	-	0.9	0.6	0.23	0.23	2.5	C52	
Cervix uteri	196	0	-	-	-	-	8.2	24.6	42.1	154.1	169.3	260.9	393.5	243.5	392.2	240.0	171.4	160.5	-	-	33.9	24.1	8.44	10.50	97.5	C53	
Corpus uteri	11	0	-	-	-	-	-	1.9	-	4.8	-	9.0	70.3	18.7	23.1	30.0	-	-	-	-	1.9	1.4	0.64	0.79	7.1	C54	
Uterus unspecified	7	1	-	-	-	-	-	1.9	2.3	-	6.8	9.0	14.1	18.7	-	-	-	-	-	-	1.2	0.9	0.31	0.31	3.1	C55	
Ovary	24	0	-	-	-	-	1.4	5.7	7.0	-	47.4	18.0	14.1	18.7	69.2	-	42.8	53.5	115.3	-	4.2	2.9	0.91	1.12	11.1	C56	
Other female genital organs	2	0	-	-	-	-	-	1.9	-	-	-	-	-	-	-	30.0	-	-	-	-	0.3	0.2	0.01	0.16	1.1	C57	
Placenta	3	0	-	-	-	-	1.4	1.9	-	-	-	-	14.1	-	-	-	-	-	-	-	0.5	0.4	0.09	0.09	1.0	C58	
Kidney	1	0	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.1	0.01	0.01	0.1	C64	
Renal pelvis	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C65	
Ureter	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C66	
Bladder	3	0	-	-	-	-	-	-	-	-	-	-	14.1	-	23.1	30.0	-	-	-	-	0.5	0.4	0.19	0.34	2.5	C67	
Other urinary organs	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C68	
Eye	39	1	2.2	-	-	1.2	9.6	13.3	16.4	28.9	-	27.0	14.1	37.5	-	-	42.8	-	115.3	-	6.7	4.8	0.77	0.99	10.4	C69	
Brain, nervous system	5	0	-	-	-	-	-	-	-	-	-	-	9.0	14.1	-	-	-	-	-	-	0.9	0.6	0.19	0.19	2.1	C70-72	
Thyroid	20	0	-	-	-	-	1.4	3.8	7.0	9.6	20.3	36.0	-	18.7	23.1	-	128.5	-	-	-	3.5	2.5	0.60	1.24	9.0	C73	
Adrenal gland	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C74	
Other endocrine	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C75	
Hodgkin disease	5	1	1.1	-	-	-	-	1.9	-	-	13.5	-	-	-	-	-	-	-	-	-	0.9	0.6	0.10	0.10	1.4	C81	
Non-Hodgkin lymphoma	44	1	7.7	10.7	7.8	5.9	5.5	5.7	4.7	4.8	13.5	9.0	14.1	18.7	-	-	42.8	-	-	-	7.6	5.4	0.55	0.77	8.5	C82-85, C96	
Immunoproliferative diseases	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C88	
Multiple myeloma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C90	
Lymphoid leukaemia	1	0	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.1	0.01	0.01	0.1	C91	
Myeloid leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C92-94	
Leukaemia unspecified	4	0	-	1.2	-	1.2	-	-	-	-	6.8	-	-	-	-	-	-	53.5	-	-	-	0.7	0.5	0.05	0.05	1.2	C95
Myeloproliferative disorders	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	MPD	
Myelodysplastic syndromes	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	MD5	
Other and unspecified	27	3	-	-	1.3	1.2	2.7	-	4.7	14.4	27.1	18.0	42.2	18.7	23.1	60.0	85.7	-	-	-	4.7	3.3	0.86	1.68	13.0	OKU	
All sites	825	20	33.0	21.5	19.5	17.6	87.5	181.9	198.7	404.4	494.2	638.7	1054.0	805.4	1130.3	1019.8	1456.7	535.0	922.7	130.2	142.7	26.07	38.76	344.0	ALL		
All sites but C44	814	19	33.0	21.5	19.5	17.6	87.5	180.0	198.7	404.4	487.5	620.7	1025.9	786.7	1130.3	989.8	1413.9	481.5	922.7	130.2	140.8	100.0	25.67	37.97	337.4	ALLbc44	

Reference population: World Standard Population

Table built Sat Jun 06 20:29:58 KST 2015 by CanReg5.

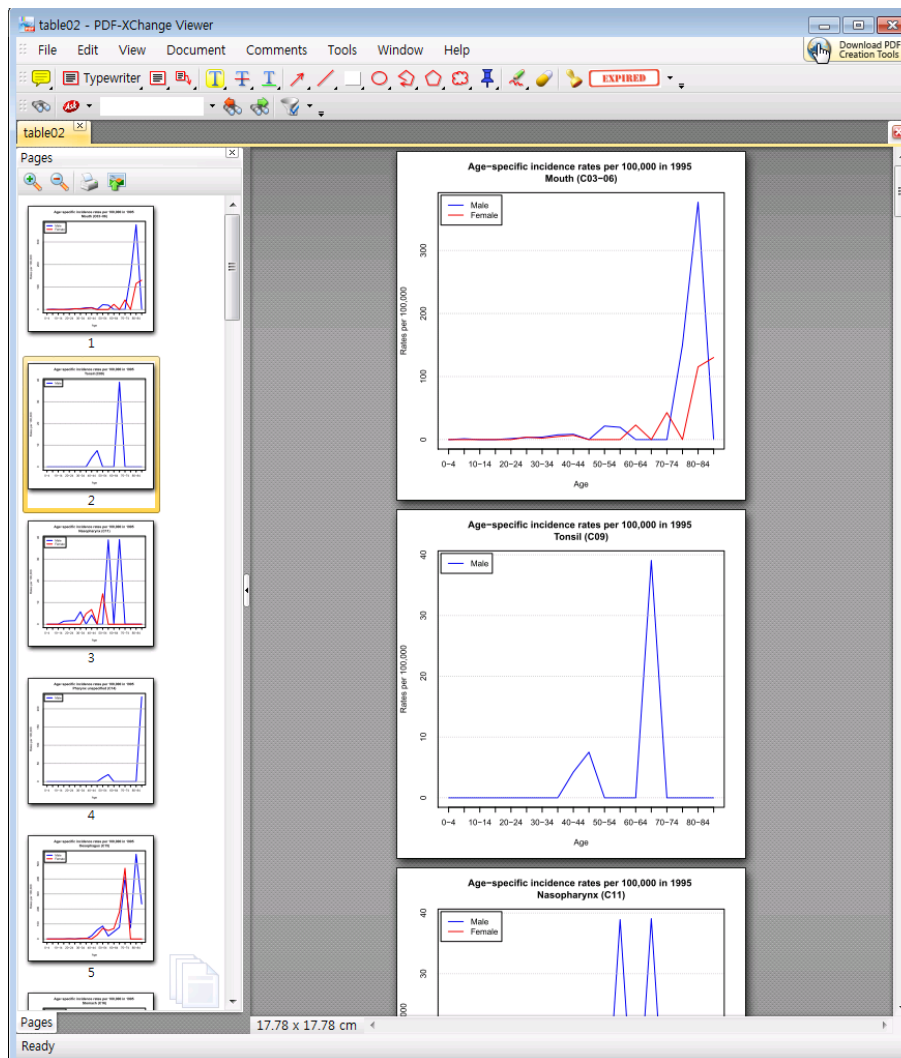
Analysis of cancer registry data

Age-specific rates for major diagnosis groups - linear



Analysis of cancer registry data

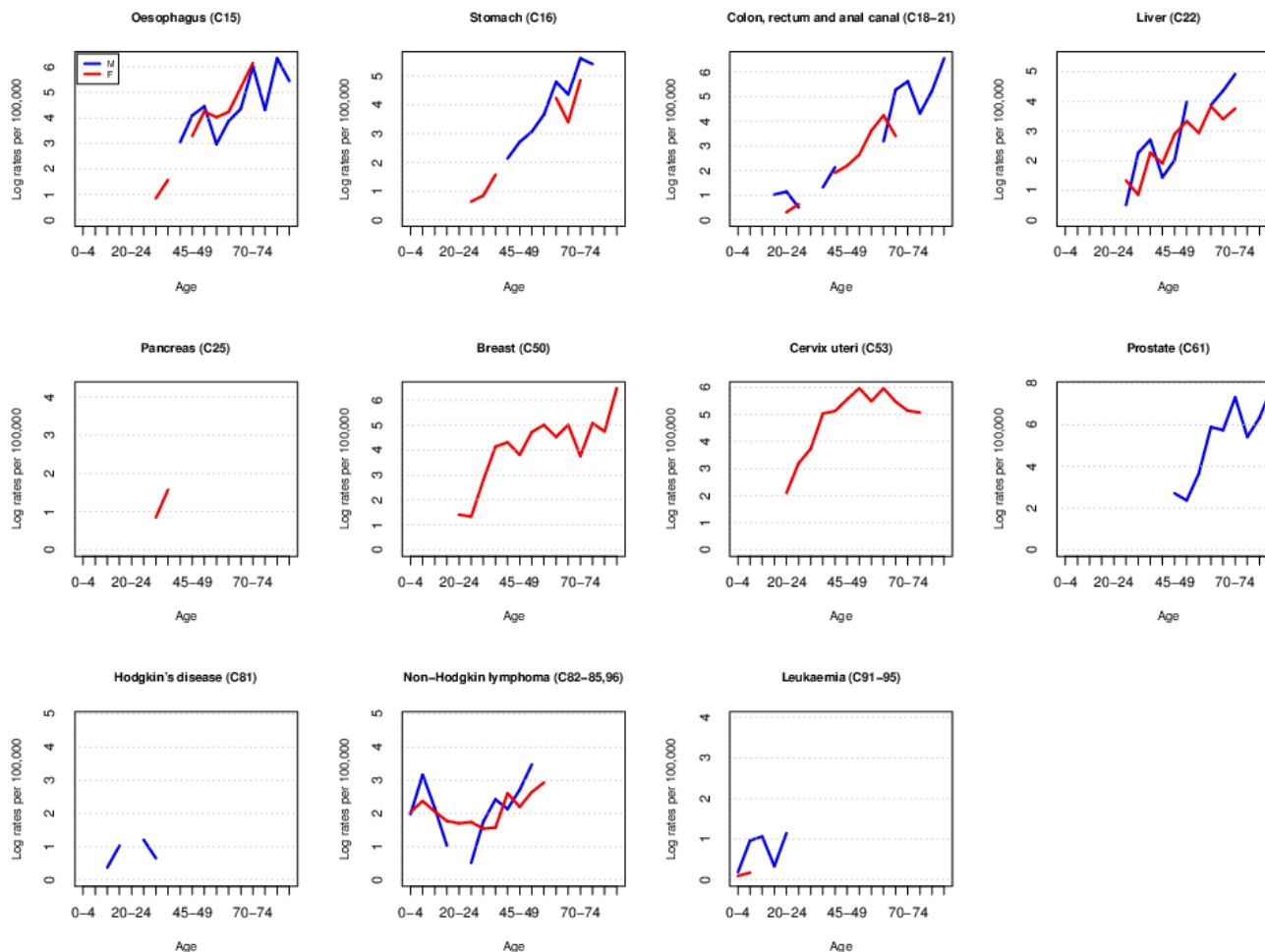
Age-specific rates for most diagnosis groups - linear



Analysis of cancer registry data

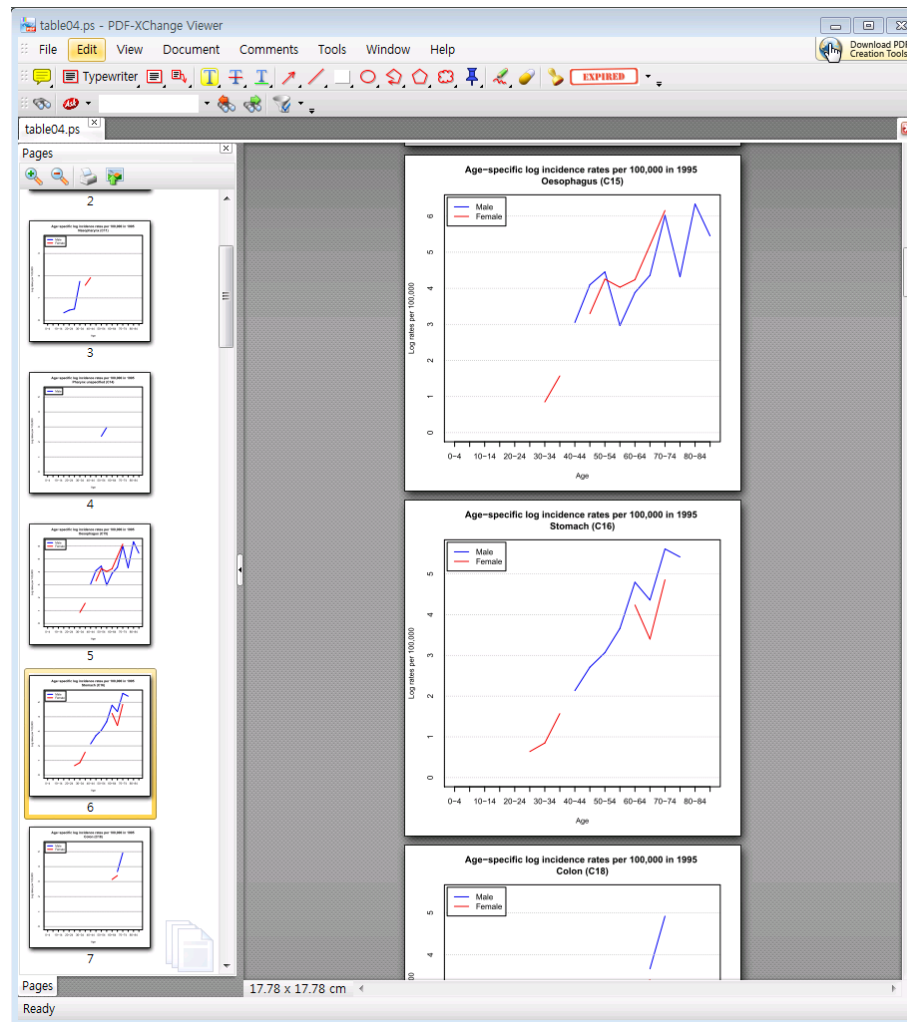
Age-specific rates for major diagnosis groups - semi-logarithmic

Age-specific log incidence rates per 100,000 in 1995



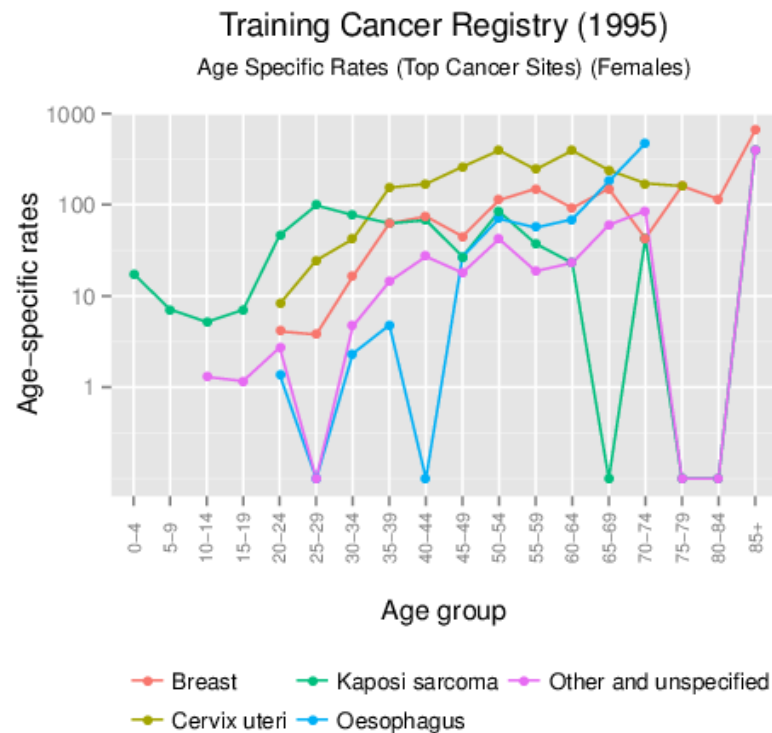
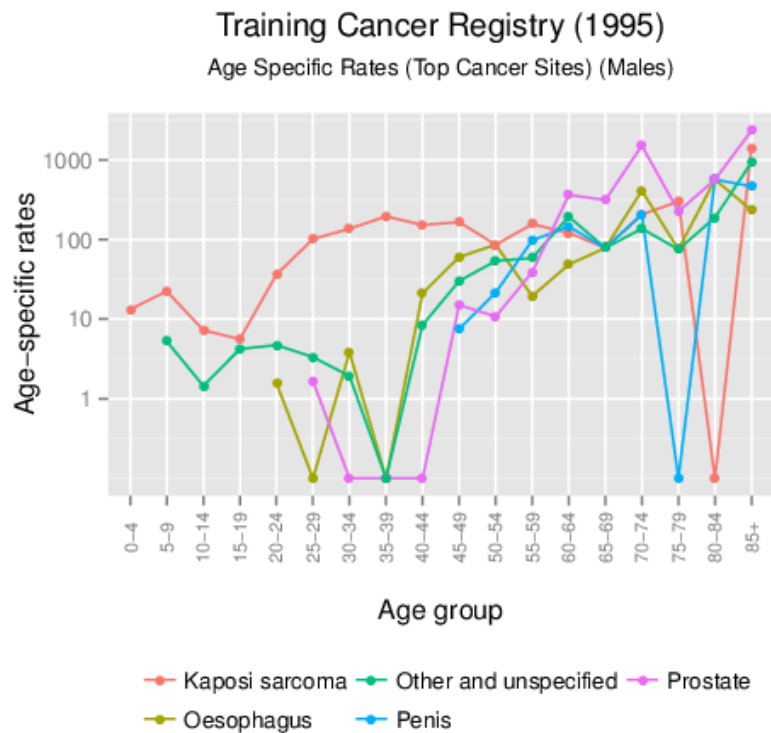
Analysis of cancer registry data

Age-specific rates for most diagnosis groups - semi-logarithmic



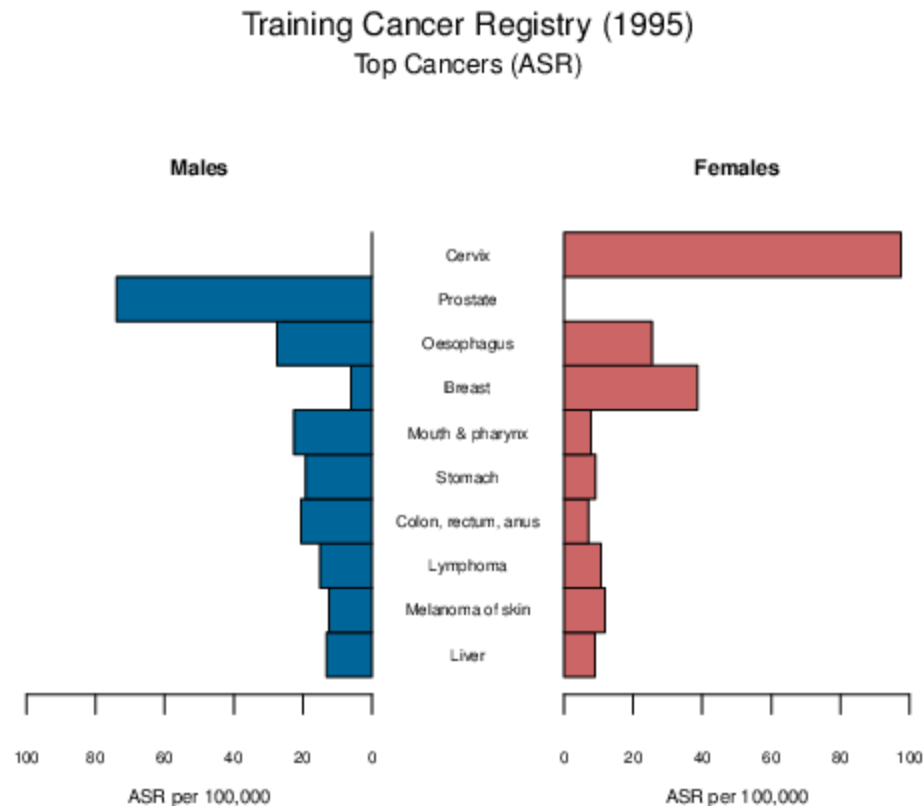
Analysis of cancer registry data

Age Specific Rates (Top Cancer Sites)



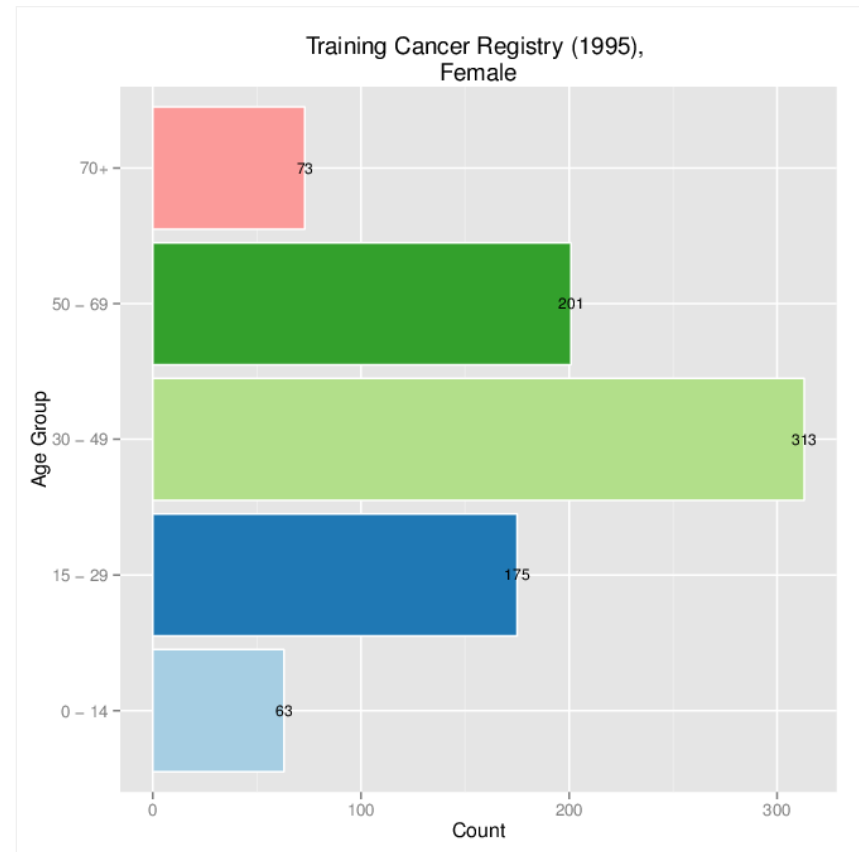
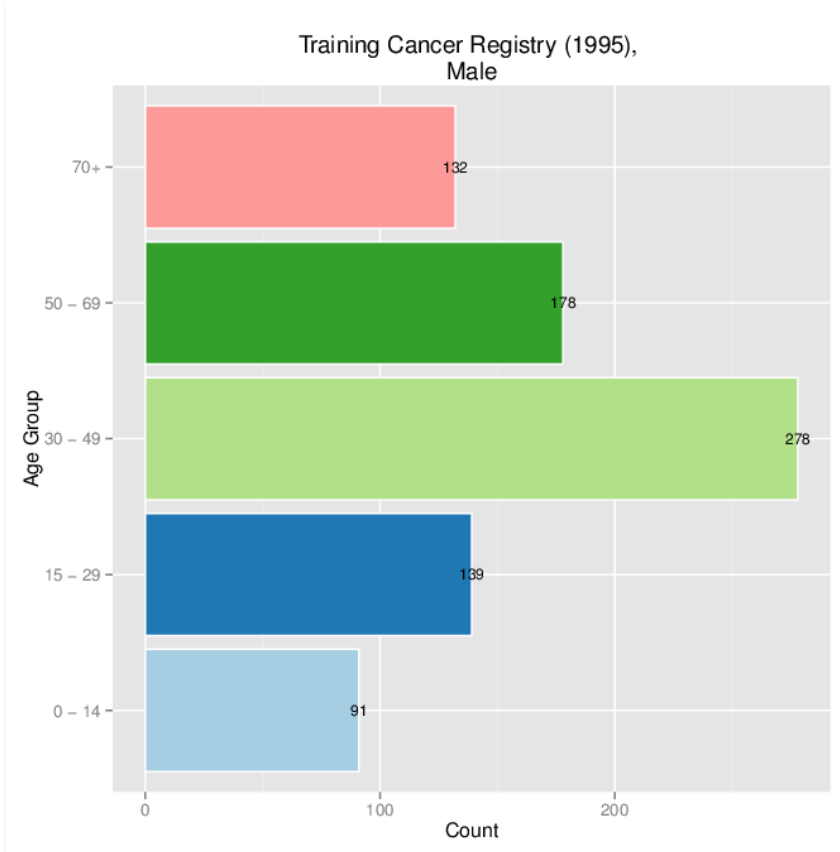
Analysis of cancer registry data

ASR Barchart (Top X Cancers)



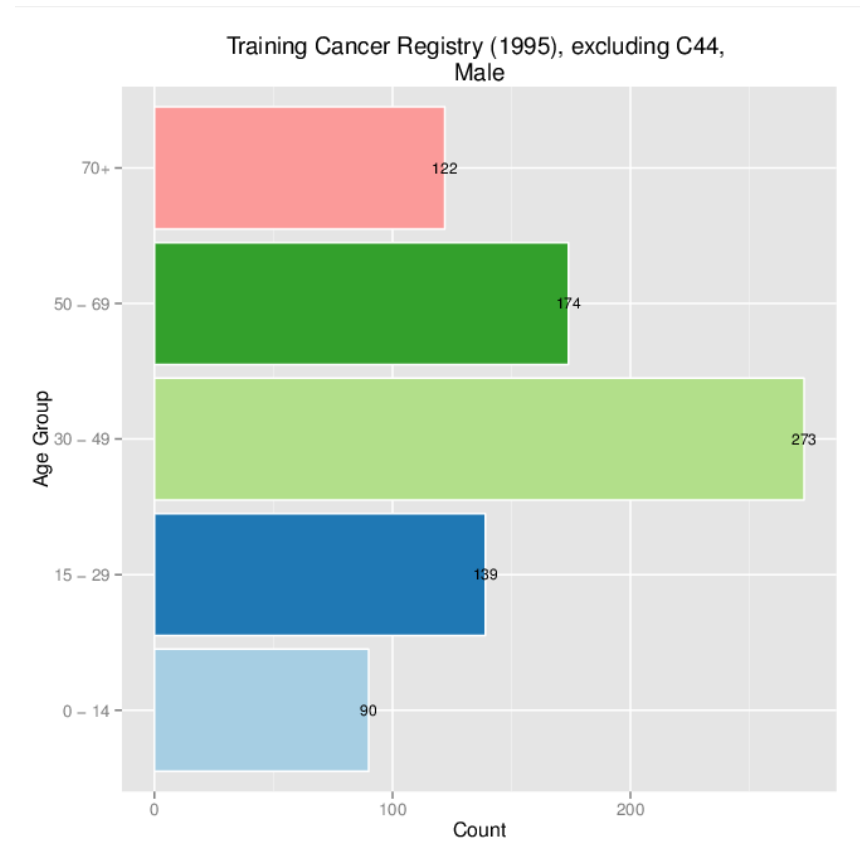
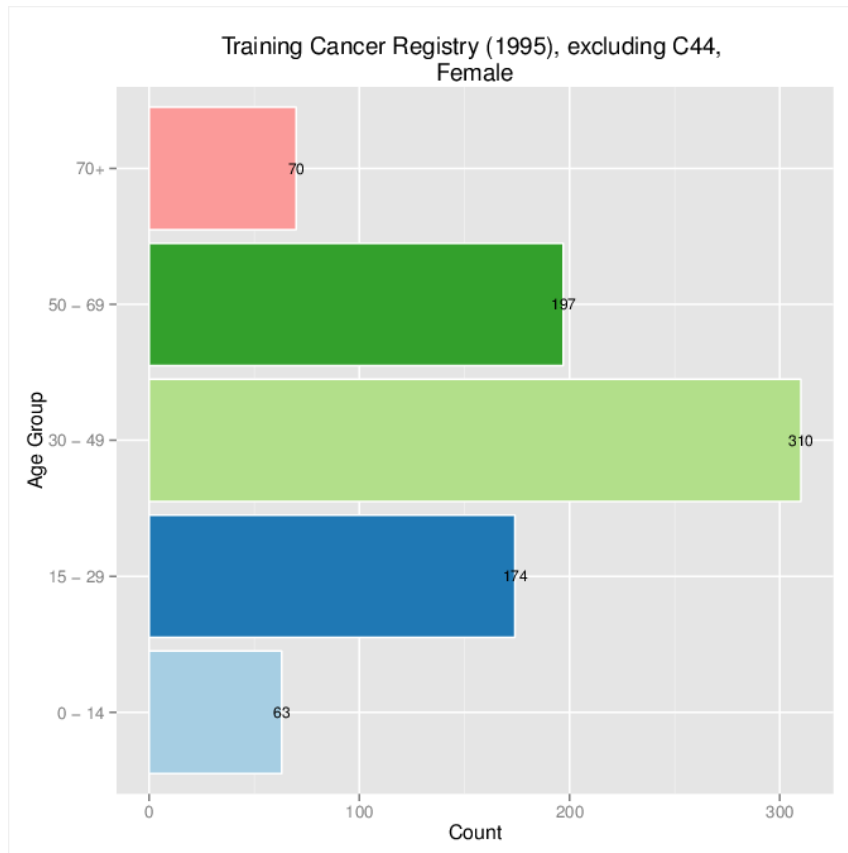
Analysis of cancer registry data

Barchart of cases by age group by sex



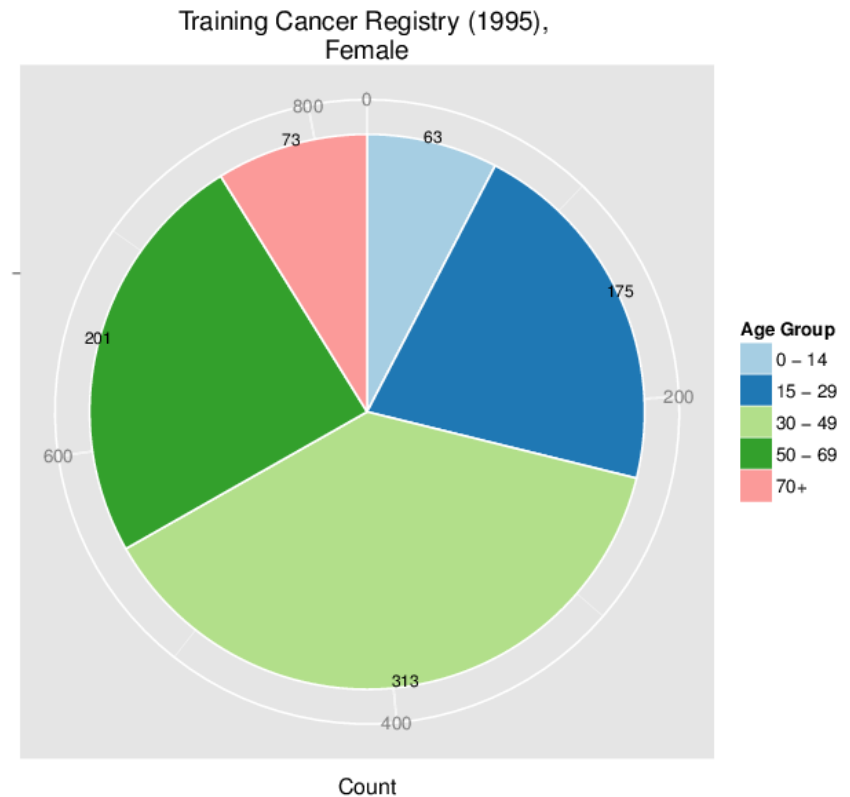
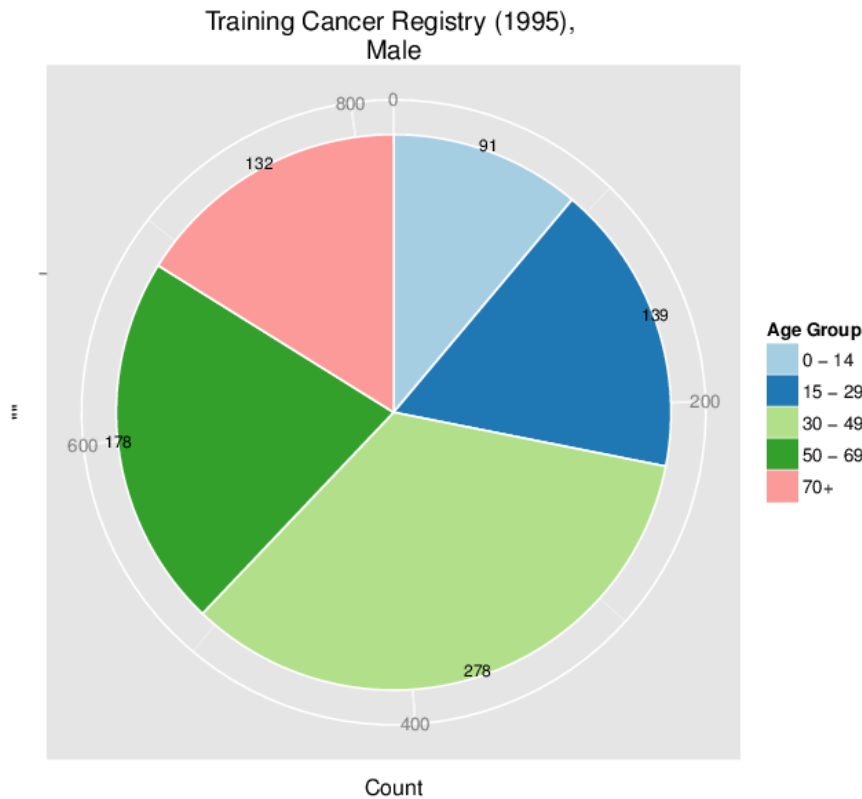
Analysis of cancer registry data

Barchart of cases by age group by sex (excluding skin)



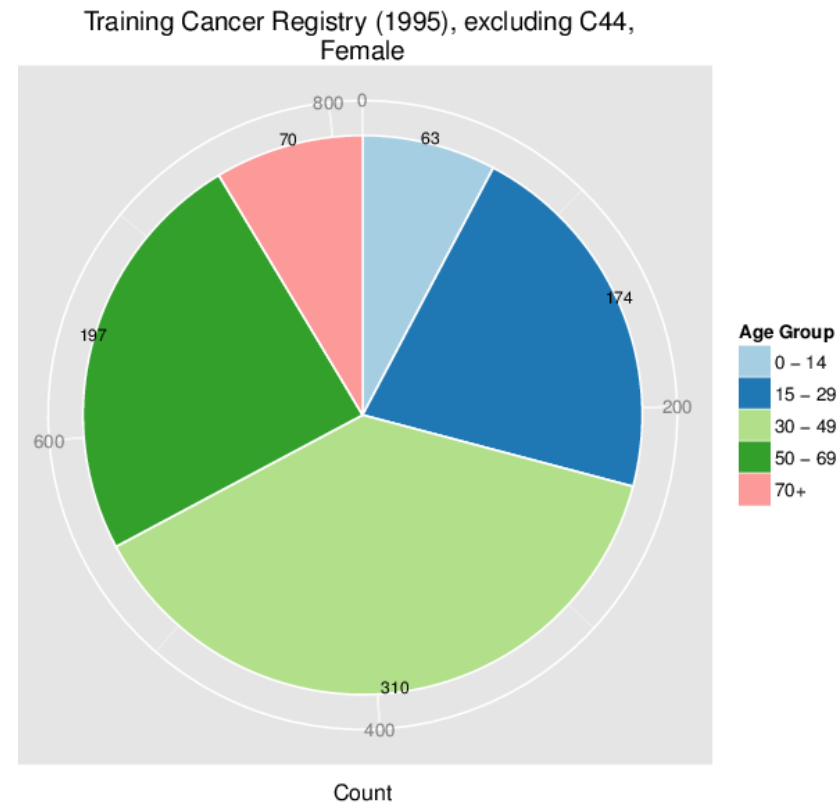
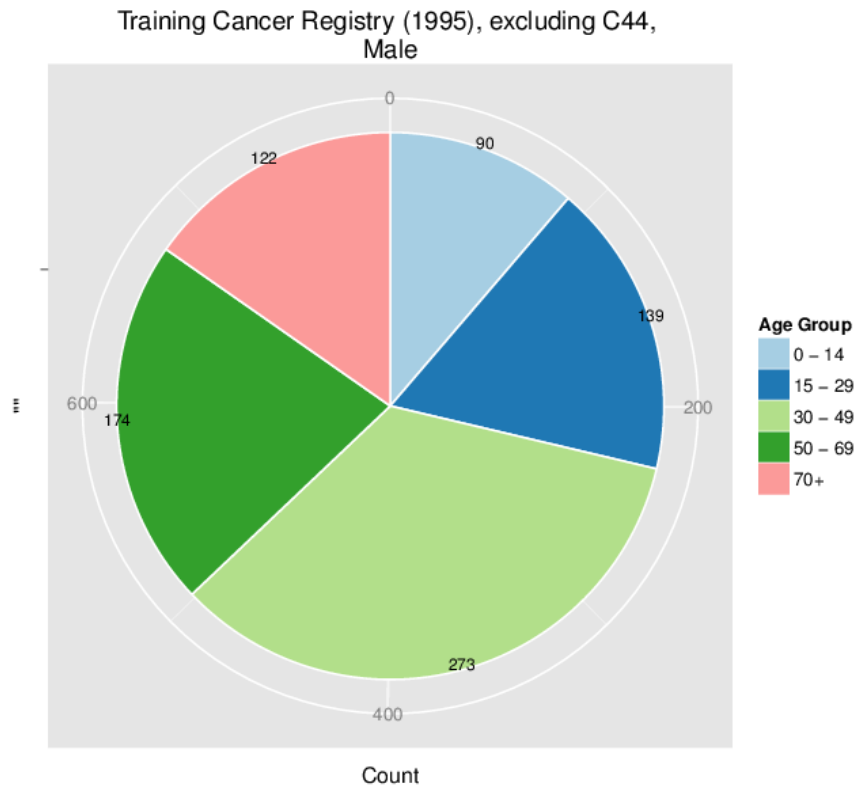
Analysis of cancer registry data

Piechart of cases by age group by sex



Analysis of cancer registry data

Piechart of cases by age group by sex (excluding skin)



Analysis of cancer registry data

Cases by age group (Period)

Training Cancer Registry (1995)

POPULATION ESTIMATE

Cases by age group (Period) - Male

SITE	ALL AGE	AGE	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	(%)	ICD
	AGES	UNK																				(10th)
Lip	1	0	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	0.1	C00
Tongue	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	0.3	C01-02
Mouth	17	0	-	1	-	-	1	2	2	2	2	-	2	1	-	-	-	2	2	-	2.1	C03-06
Salivary glands	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	0.1	C07-08
Tonsil	3	0	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	0.4	C09
Other oropharynx	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nasopharynx	10	0	-	-	-	1	1	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Hypopharynx	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pharynx unspecified	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oesophagus	40	1	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Stomach	24	0	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Small intestine	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colon	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectum	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anus	6	0	-	-	-	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Liver	24	1	-	-	-	-	-	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Gallbladder etc.	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pancreas	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nose, sinuses etc.	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Larynx	5	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachea, bronchus and lung	5	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other thoracic organs	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bone	8	0	-	-	1	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Melanoma of skin	13	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other skin	20	2	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kaposi sarcoma	338	6	11	17	5	4	23	61	71	5	-	-	-	-	-	-	-	-	-	-	-	-
Connective and soft tissue	14	1	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Breast	8	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Penis	24	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prostate	67	3	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Testis	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other male genital organs	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kidney	6	0	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Renal pelvis	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ureter	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bladder	6	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other urinary organs	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eye	25	0	5	-	-	-	3	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Brain, nervous system	2	0	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thyroid	1	0	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Adrenal gland	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other endocrine	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hodgkin disease	8	0	-	1	2	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Hodgkin lymphoma	50	0	6	18	6	2	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Immunoproliferative diseases	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Multiple myeloma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lymphoid leukaemia	3	0	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myeloid leukaemia	4	0	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leukaemia unspecified	2	0	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myeloproliferative disorders	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myelodysplastic syndromes	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified	46	4	-	4	1	3	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
All sites	818	26	29	45	17	18	42	79	97	72	-	-	-	-	-	-	-	-	-	-	-	-
All sites but C44	798	24	29	44	17	18	42	79	96	71	-	-	-	-	-	-	-	-	-	-	-	-

Training Cancer Registry (1995)

POPULATION ESTIMATE

Cases by age group (Period) - Female

SITE	ALL AGE	AGE	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	(%)	ICD
	AGES	UNK																				(10th)
Lip	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C00
Tongue	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	C01-02
Mouth	9	1	-	-	-	-	-	2	1	1	1	-	-	-	1	-	1	-	1	-	1.1	C03-06
Salivary glands	1	0	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	0.1	C07-08
Tonsil	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C09
Other oropharynx	1	0	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	0.1	C10
Nasopharynx	3	0	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	0.4	C11
Hypopharynx	1	0	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	0.1	C12-13
Pharynx unspecified	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C14
Oesophagus	34	0	-	-	-	-	1	-	1	1	-	3	5	3	3	6	11	-	-	-	4.2	C15
Stomach	15	0	1	1	-	-	-	-	1	1	-	3	-	3	1	3	-	1	-	-	1.8	C16
Small intestine	1	0	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	0.1	C17
Colon	4	0	-	-	-	-	-	-	1	-	-	1	-	-	-	1	-	-	-	-	0.5	C18
Rectum	4	0	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	0.5	C19-20
Anus	3	0	-	-	-	-	1	-	-	-	-	-	-	1	1	-	-	-	-	-	0.4	C21
Liver	17	0	-	-	1	-	-	2	1	2	1	2	2	1	2	1	1	-	-	1	2.1	C22
Gallbladder etc.	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C23-24
Pancreas	4	0	1	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	0.5	C25
Nose, sinuses etc.	3	0	-	1	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	0.4	C26-31
Larynx	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	0.4	C32
Trachea, bronchus and lung	1	0	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	0.1	C33-34
Other thoracic organs	3	0	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	0.4	C37-38
Bone	6	0	1	-	1	1	1	-	-	-	1	-	-	-	1	-	-	-	-	-	0.7	C40-41
Melanoma of skin	16	2	-	-	-	-	-	-	1	-	-	1	2	2	2	5	-	1	-	-	2.0	C43
Other skin	11	1	-	-	-	-	-	-	-	-	-	1	2	2	-	1	1	-	-	-	1.4	C44
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C45
Kaposi sarcoma	190	3	16	6	4	6	34	52	33	13	10	3	6	2	1	-	-	-	-	-	23.3	C46
Connective and soft tissue	16	0	-	-	2	-	1	2	2	-	2	-	2	-	2	-	1	-	1	-	2.0	C47,C49
Breast	76	5	-	-	-	-	3	2	7	13	11	5	8	8	4	5	1	3	1	-	9.3	C50
Vulva	5	1	-	-	-	-	-	-	-	-	-	2	-	-	-	1	1	-	-	-	0.6	C51
Vagina	5	0	-	-	-	-	1	-	-	-	-	1	2	-	-	-	-	-	-	-	0.6	C52
Cervix uteri	196	0	-	-	-	-	6	13	18	32	25	29	28	13	17	8	4	3	-	-	24.1	C53
Corpus uteri	11	0	-	-	-	-	-	1	-	1	-	1	5	1	1	1	-	-	-	-	1.4	C54
Uterus unspecified	7	1	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	0.9	C55
Ovary	24	0	-	-	-	-	1	3	3	-	7	2	1	1	3	-	1	1	1	-	2.9	C56
Other female genital organs	2	0	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	0.2	C57
Placenta	1	0	-	-	-	-	1	1	-	-	-	-	1	-	-	-	-	-	-	-	0.4	C58
Kidney	1	0	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	C59
Renal pelvis	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C65
Ureter	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C66
Bladder	3	0	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	0.4	C67
Other urinary organs	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C68
Eye	39	1	2	-	-	1	7	7	7	6	-	3	1	2	-	-	1	-	1	-	4.8	C69
Brain, nervous system	5	0	-	-	-	-	-	-	-	3	-	1	1	-	-	-	-	-	-	-	0.6	C70-72
Thyroid	20	0	-	-	-	-	1	2	3	-	3	-	-	1	1	-	3	-	-	-	2.5	C73
Adrenal gland	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C74
Other endocrine	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C75
Hodgkin disease	5	1	1	-	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	0.6	C81
Non-Hodgkin lymphoma	44	1	7	9	6	5	4	3	2	1	2	1	1	1	-	-	-	-	-	-	5.4	C82-85,C96
Immunoproliferative diseases	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	0.0	C88
Multiple myeloma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C90
Lymphoid leukaemia	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	C91
Myeloid leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C92-94
Leukaemia unspecified	4	0	-	1	-	1	-	-	-	-	1	-	-	-	-	-	1	-	-	-	0.5	C95
Myeloproliferative disorders	0	0	-	-	-	-	-	-	-	-	-	-	-									

Analysis of cancer registry data

CI5 Editorial Tables

Training Cancer Registry (1995)

CI5 Editorial Table 1

Number of cases in major diagnosis groups in single calendar years of observation

MALES

SITE	1995
Lip, oral cavity and pharynx (C00-14)	41 (5.1)
Digestive organs (C15-26)	116 (14.5)
Respiratory organs (C30-39)	12 (1.5)
Bone, cartilage, melanoma (C40-43)	21 (2.6)
Male genital (C60-63)	93 (11.7)
Urinary organs (C64-68)	14 (1.8)
Eye, brain, thyroid etc. (C69-75)	28 (3.5)
Haematopoietic (C81-96)	67 (8.4)
Other and unspecified (O&U)	398 (49.9)
All sites but C44 (ALLbC44)	798 (100)

FEMALES

SITE	1995
Lip, oral cavity and pharynx (C00-14)	16 (2)
Digestive organs (C15-26)	82 (10.1)
Respiratory organs (C30-39)	10 (1.2)
Bone, cartilage, melanoma (C40-43)	22 (2.7)
Breast (C50)	76 (9.3)
Female genital (C51-58)	253 (31.1)
Urinary organs (C64-68)	4 (0.5)
Eye, brain, thyroid etc. (C69-75)	64 (7.9)
Haematopoietic (C81-96)	54 (6.6)
Other and unspecified (O&U)	233 (28.6)
All sites but C44 (ALLbC44)	814 (100)

BOTH SEXES

SITE	1995
Lip, oral cavity and pharynx (C00-14)	57 (3.5)
Digestive organs (C15-26)	198 (12.3)
Respiratory organs (C30-39)	22 (1.4)
Bone, cartilage, melanoma (C40-43)	43 (2.7)
Breast (C50)	84 (5.2)
Female genital (C51-58)	253 (15.7)
Male genital (C60-63)	93 (5.8)
Urinary organs (C64-68)	18 (1.1)
Eye, brain, thyroid etc. (C69-75)	92 (5.7)
Haematopoietic (C81-96)	121 (7.5)
Other and unspecified (O&U)	631 (39.1)
All sites but C44 (ALLbC44)	1612 (100)

Training Cancer Registry (1995)

CI5 Editorial Table 2

ASR in major diagnosis groups in single calendar years of observation

MALES

SITE	1995
Lip, oral cavity and pharynx (C00-14)	22.61 (5.8)
Digestive organs (C15-26)	82.35 (21.3)
Respiratory organs (C30-39)	9.44 (2.4)
Bone, cartilage, melanoma (C40-43)	13.64 (3.5)
Male genital (C60-63)	97 (25.1)
Urinary organs (C64-68)	9.08 (2.3)
Eye, brain, thyroid etc. (C69-75)	7.89 (2)
Haematopoietic (C81-96)	17.2 (4.4)
Other and unspecified (O&U)	122 (31.5)
All sites but C44 (ALLbC44)	387.22 (100)

FEMALES

SITE	1995
Lip, oral cavity and pharynx (C00-14)	7.87 (2.3)
Digestive organs (C15-26)	53.11 (15.5)
Respiratory organs (C30-39)	6.07 (1.8)
Bone, cartilage, melanoma (C40-43)	13.6 (4)
Breast (C50)	38.63 (11.3)
Female genital (C51-58)	127 (37.1)
Urinary organs (C64-68)	2.64 (0.8)
Eye, brain, thyroid etc. (C69-75)	21.96 (6.4)
Haematopoietic (C81-96)	12.05 (3.5)
Other and unspecified (O&U)	58.99 (17.3)
All sites but C44 (ALLbC44)	341.92 (100)

BOTH SEXES

SITE	1995
Lip, oral cavity and pharynx (C00-14)	14.45 (4.2)
Digestive organs (C15-26)	65.41 (18.8)
Respiratory organs (C30-39)	7.48 (2.2)
Bone, cartilage, melanoma (C40-43)	13.24 (3.8)
Breast (C50)	21.67 (6.2)
Female genital (C51-58)	60.46 (17.4)
Male genital (C60-63)	40.81 (11.7)
Urinary organs (C64-68)	5.2 (1.5)
Eye, brain, thyroid etc. (C69-75)	14.83 (4.3)
Haematopoietic (C81-96)	14.6 (4.2)
Other and unspecified (O&U)	89.24 (25.7)
All sites but C44 (ALLbC44)	347.39 (100)

ALL SITES BUT SKIN
(BOTH SEXES)

Analysis of cancer registry data

Data Quality Indicators (beta)

Training Cancer Registry (1995)

Data Quality Indicators

MALE

SITE	Cases	% Total
Mouth & pharynx	41	5.01
Oesophagus	40	4.89
Stomach	24	2.93
Colon, rectum, anus	26	3.18
Liver	24	2.93
Pancreas	2	0.24
Larynx	5	0.61
Lung, trachea, bronchus	5	0.61
Pleura & other thoracic	1	0.12
Melanoma of skin	13	1.59
Prostate	67	8.19
Testis	1	0.12
Kidney & urinary NOS	8	0.98
Bladder	6	0.73
Brain & nervous system	2	0.24
Thyroid	1	0.12
Ill-defined	45	5.50
Lymphoma	58	7.09
Leukaemia	9	1.10
All sites but C44	798	97.56

ASR(se) MV(%) CLIN(%) DCO(%)

ICD10

FEMALE

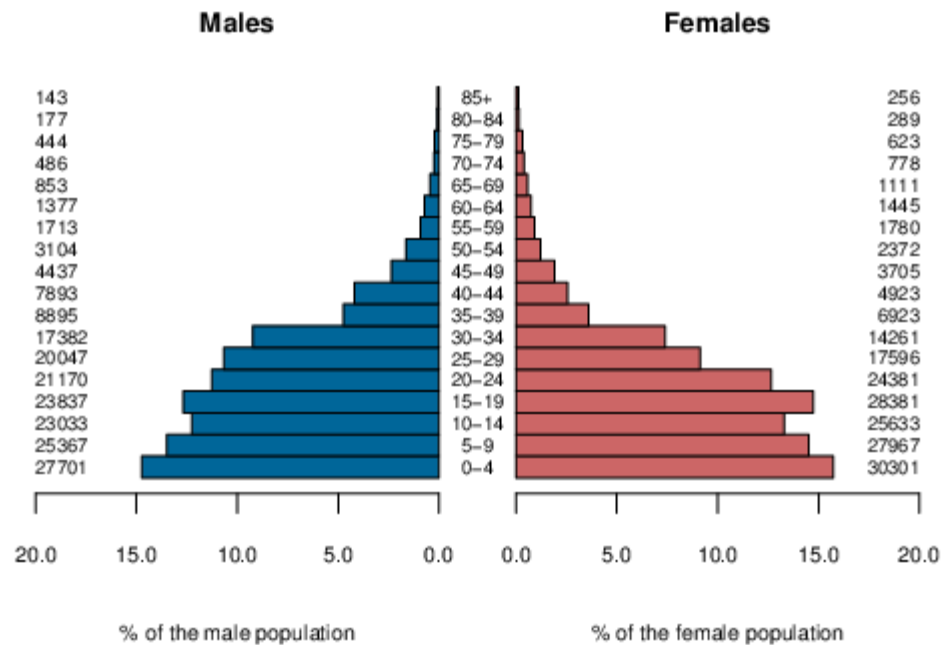
SITE	Cases	% Total	ASR(se)	MV(%)	CLIN(%)	DCO(%)	ICD10
Mouth & pharynx	16	1.94	7.87 (2.21)	93.75	6.25	0	C00-14
Oesophagus	34	4.12	25.51 (4.54)	47.06	52.94	0	C15
Stomach	15	1.82	9.15 (2.63)	86.67	13.33	0	C16
Colon, rectum, anus	11	1.33	7.08 (2.34)	90.91	9.09	0	C18-21
Liver	17	2.06	9.03 (2.49)	35.29	64.71	0	C22
Pancreas	4	0.48	1.42 (0.92)	75.00	25.00	0	C25
Larynx	3	0.36	1.97 (1.16)	100.00	0.00	0	C32
Lung, trachea, bronchus	1	0.12	0.75 (0.75)	100.00	0.00	0	C33-34
Pleura & other thoracic	3	0.36	2.55 (1.48)	66.67	33.33	0	C37-38
Melanoma of skin	16	1.94	11.81 (3.06)	93.75	6.25	0	C43
Breast	76	9.21	38.63 (4.95)	80.26	19.74	0	C50
Cervix	196	23.76	97.53 (7.86)	83.67	16.33	0	C53
Corpus & Uterus NOS	18	2.18	10.41 (2.66)	94.44	5.56	0	C54-55
Ovary & adnexa	24	2.91	11.10 (2.62)	66.67	33.33	0	C56
Kidney & urinary NOS	1	0.12	0.12 (0.12)	100.00	0.00	0	C64-66,68
Bladder	3	0.36	2.53 (1.47)	66.67	33.33	0	C67
Brain & nervous system	5	0.61	2.11 (1.02)	100.00	0.00	0	C70-72
Thyroid	20	2.42	9.03 (2.36)	95.00	5.00	0	C73
Ill-defined	23	2.79	11.73 (2.78)	82.61	17.39	0	C76-80
Lymphoma	49	5.94	10.75 (2.06)	81.63	18.37	0	C81-85,90,88,96
Leukaemia	5	0.61	1.30 (0.70)	20.00	80.00	0	C91-95
All sites but C44	814	98.67	341.92 (14.52)	80.84	19.16	0	ALLbC44

Cases of unknown age (0 M / 0 F) were excluded from these analyses

Analysis of cancer registry data

New Population Pyramid - Not yet perfect

Training Cancer Registry (1995)

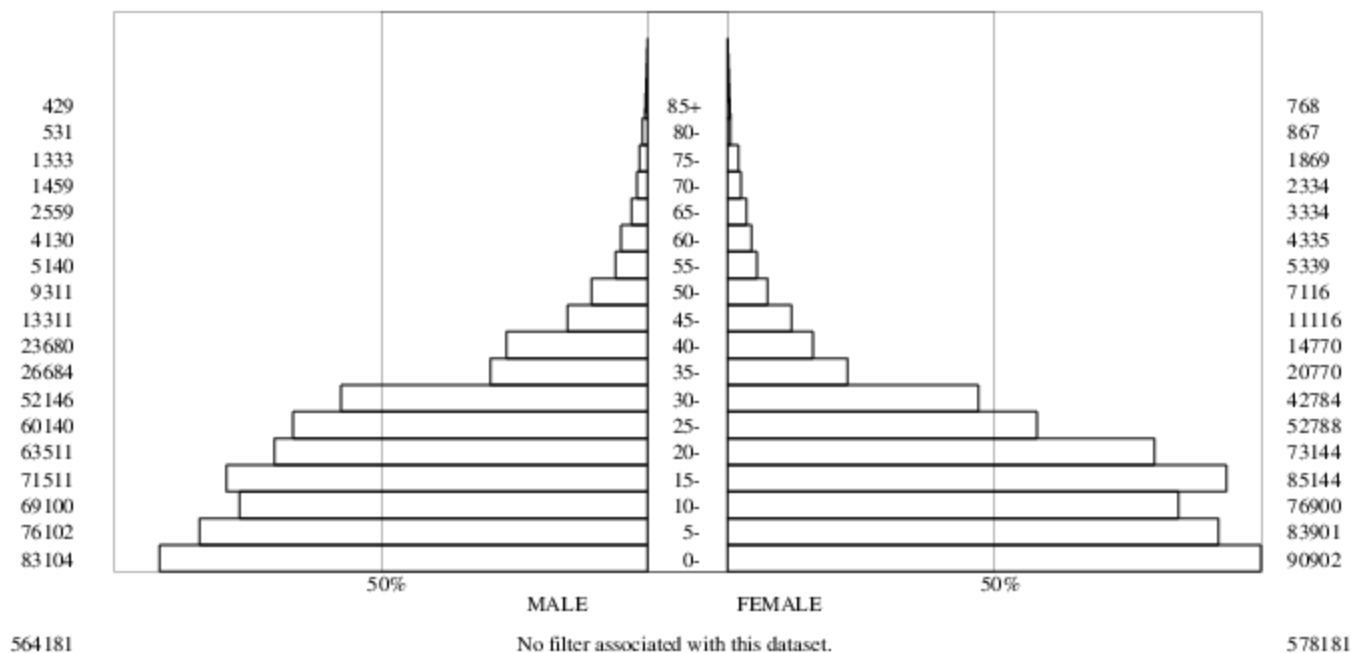


Analysis of cancer registry data

Population Pyramids

Training Cancer Registry (1995)

POPULATION ESTIMATE Population Pyramids



Analysis of cancer registry data

SEER*prep

(This module prepares tables of incidence and population for the SEER*prep program following the NAACCR 11.3 - 1946 Byte Format. Please see <http://seer.cancer.gov/seerprep/> for more information.)

cases-table20 - Notepad

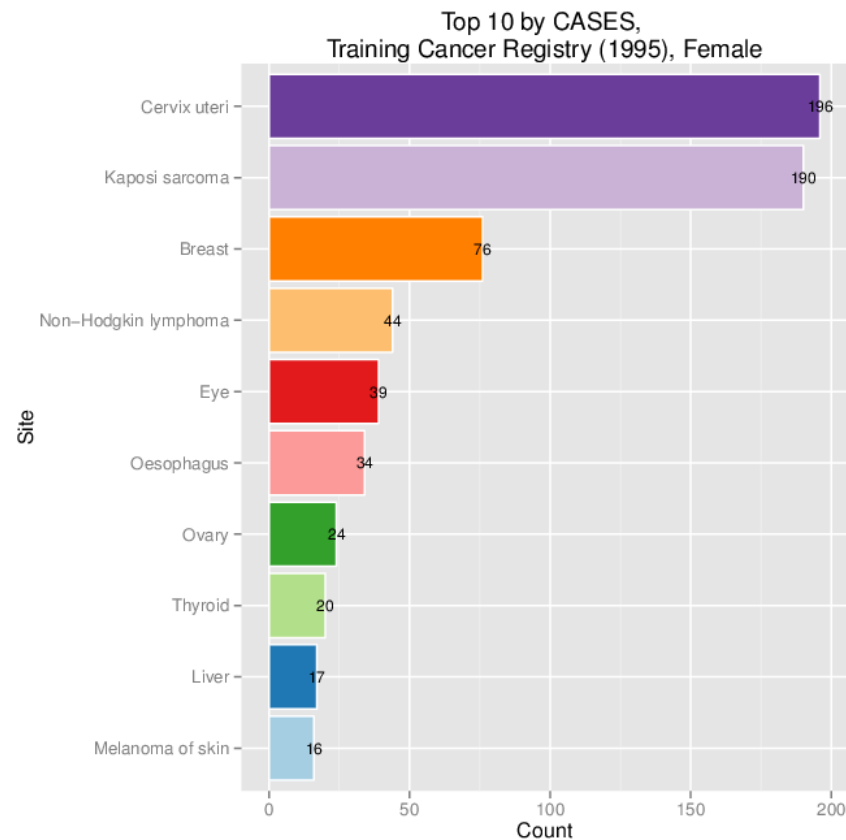
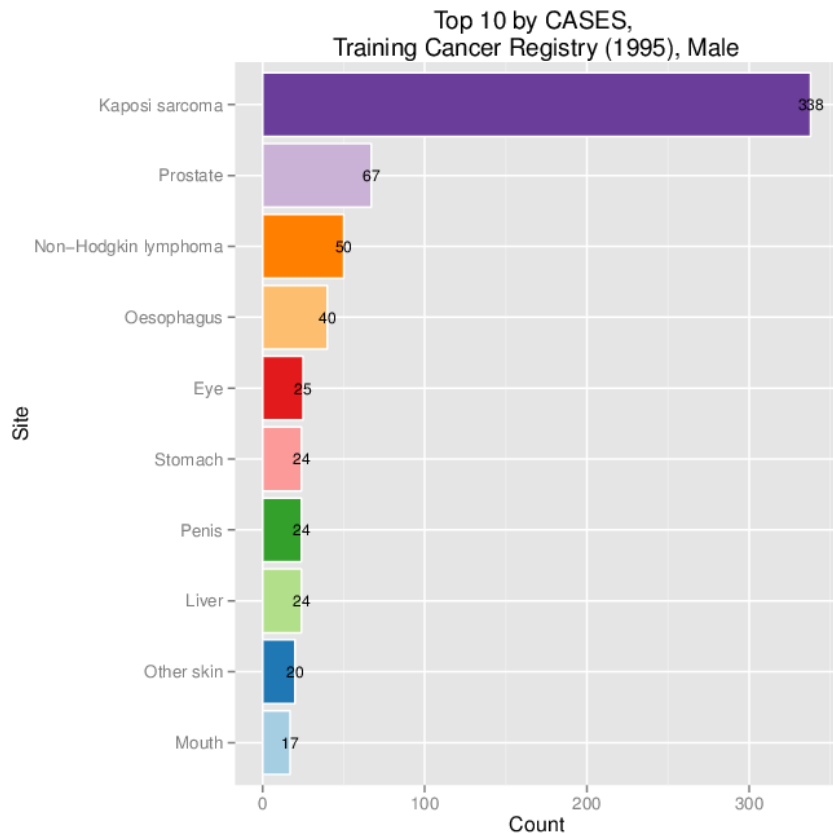
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11	1995	445	91403	
03	1995	773	91403	
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07	1995	300	95903	
01	1995	420	98603	
05	1995	449	91403	
08	1995	444	91403	
11	1995	770	91403	
08	1995	770	91403	
06	1995	269	91403	
07	1995	649	89603	
05	1995	259	81403	
05	1995	449	91403	
02	1995	770	91403	
03	1995	773	91403	
04	1995	774	91403	
09	1995	770	91403	
01	1995	770	91403	
04	1995	770	91403	
08	1995	775	91403	
05	1995	649	89603	
05	1995	649	89603	
11	1995	649	89603	
06	1995	699	95103	
06	1995	809	96873	

pop-table20 - Notepad

File	Edit	Format	View	Help
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1995XX			10100066484	
1995XX			10200076102	
1995XX			10300069100	
1995XX			10400071511	
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1995XX			10700052146	
1995XX			10800026684	
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1995XX			11100009311	
1995XX			11200005140	
1995XX			11300004130	
1995XX			11400002559	
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1995XX			11700000531	
1995XX			20000018180	
1995XX			20100072722	
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1995XX			20400085144	
1995XX			20500073144	
1995XX			20600052788	
1995XX			20700042784	
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1995XX			20900014770	
1995XX			21000011116	
1995XX			21100007116	
1995XX			21200005339	
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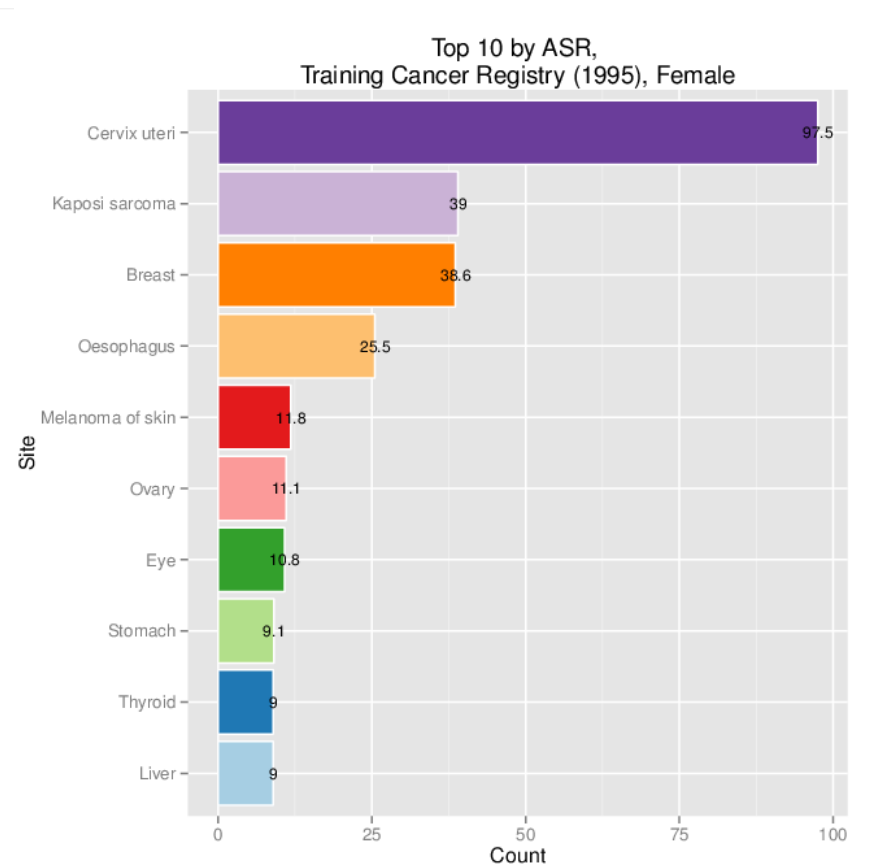
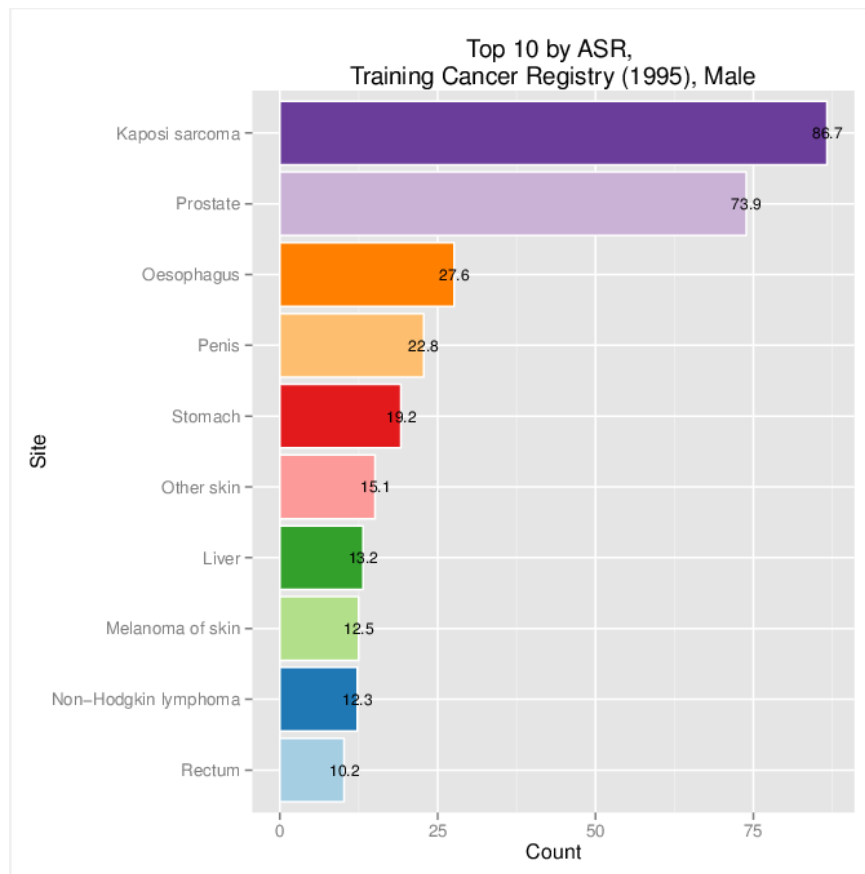
Analysis of cancer registry data

Bar Chart - 10 most common cancers by sex



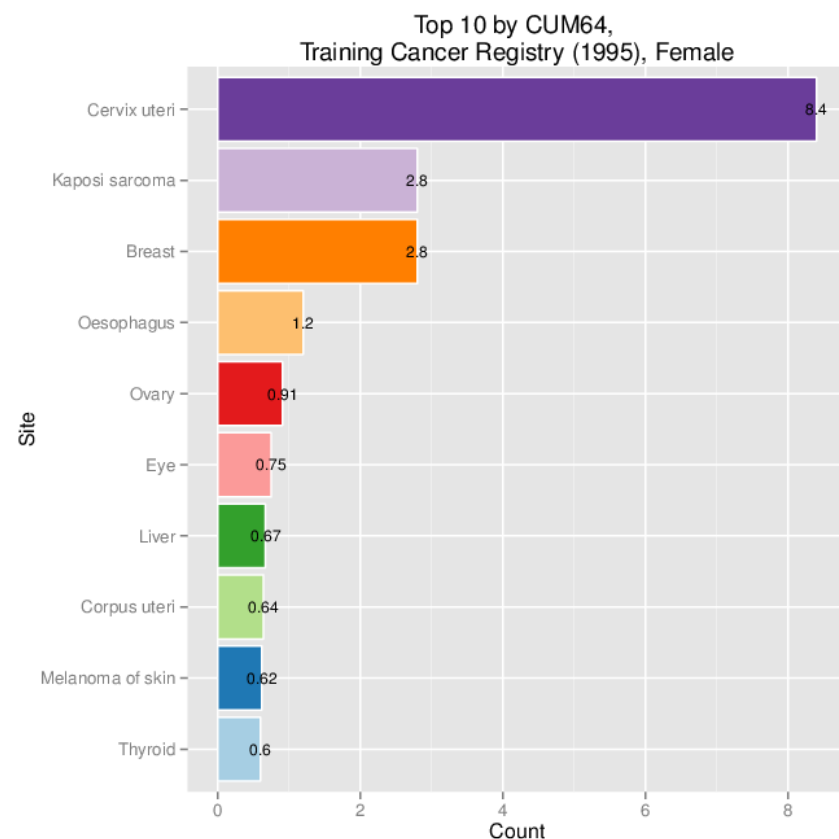
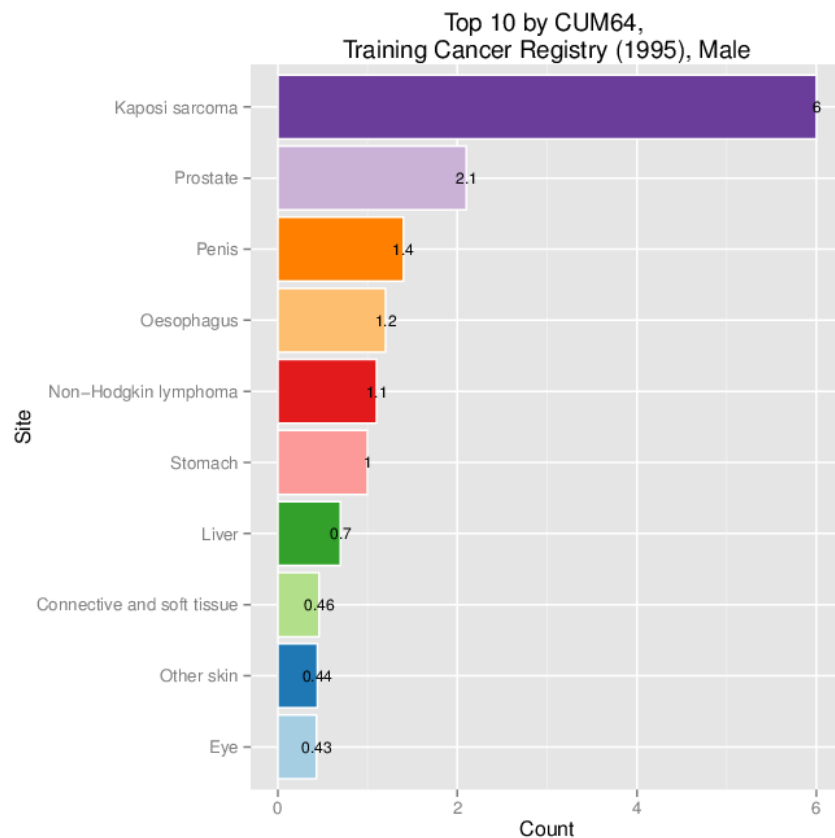
Analysis of cancer registry data

Bar Chart - 10 most common cancers by sex (ASR)



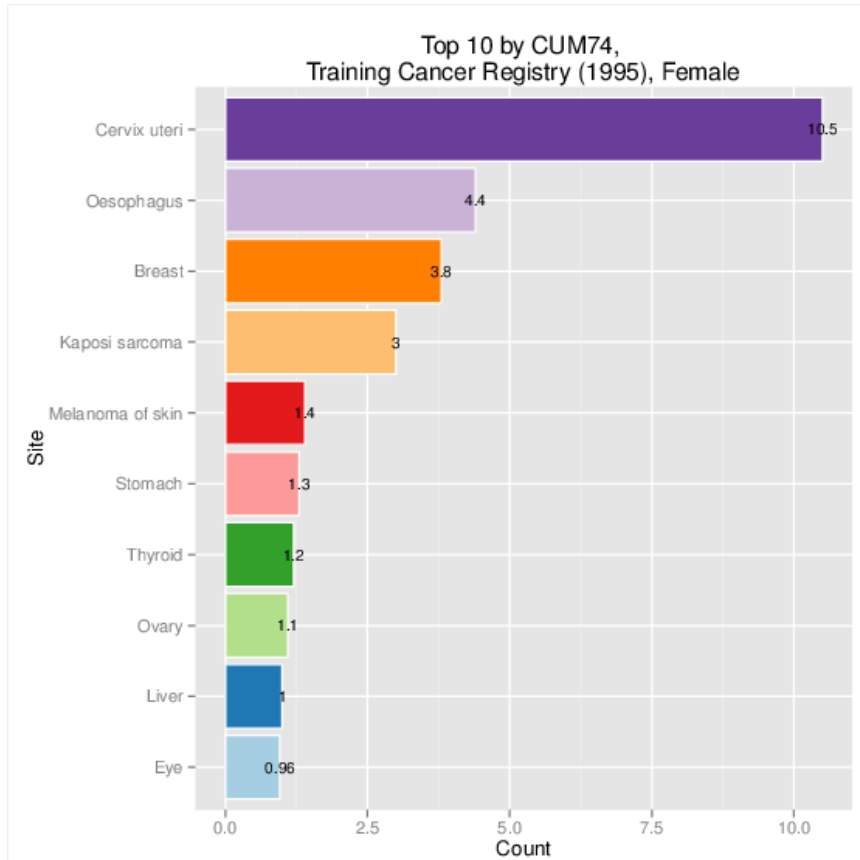
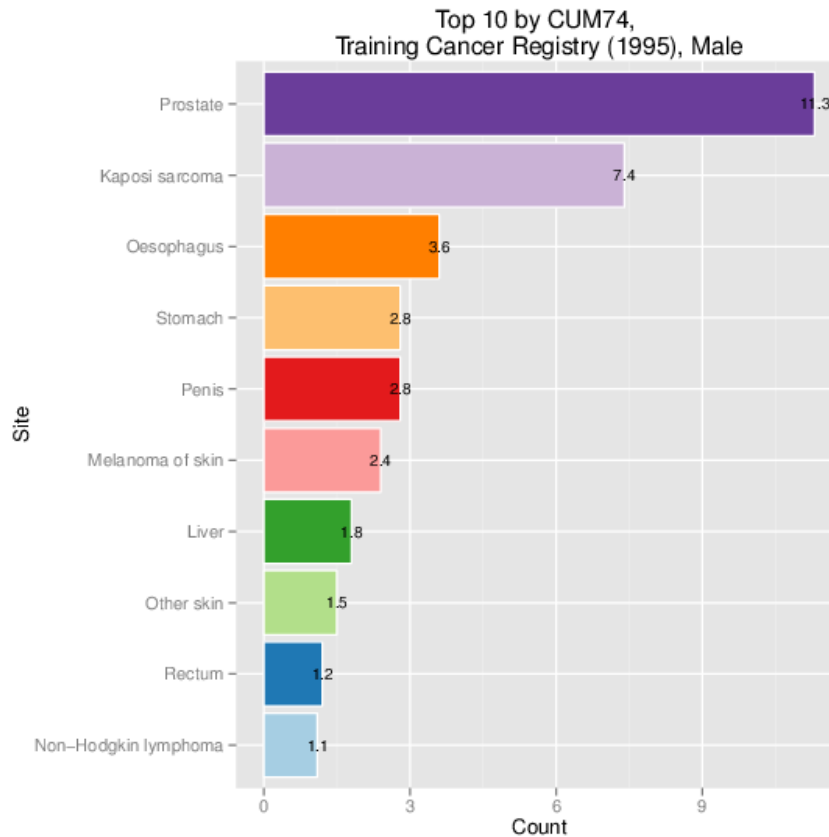
Analysis of cancer registry data

Bar Chart - 10 most common cancers by sex (CUM64)



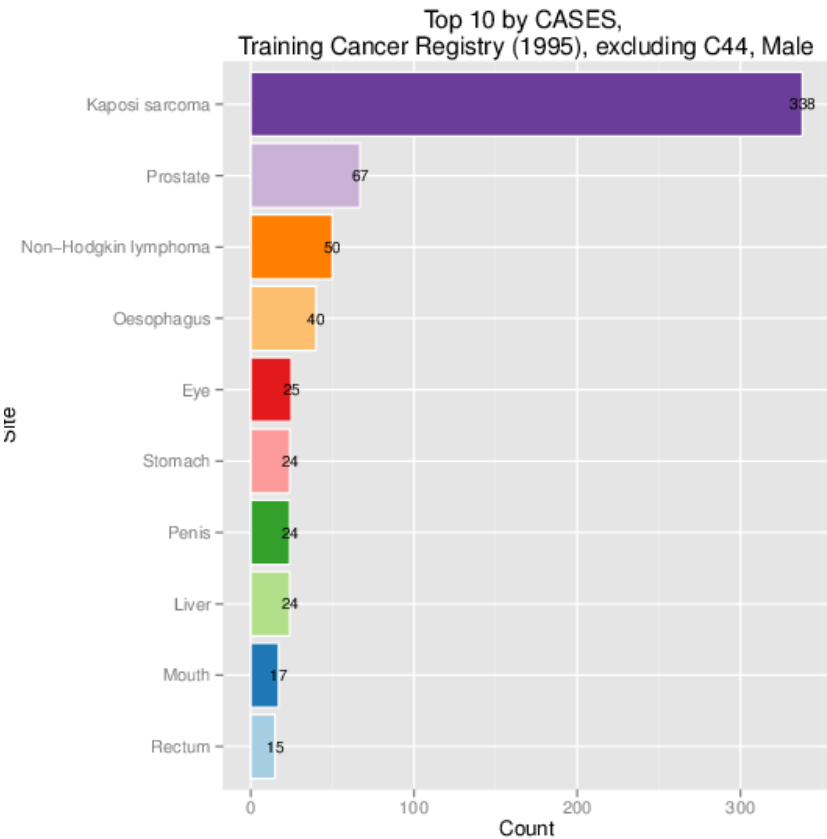
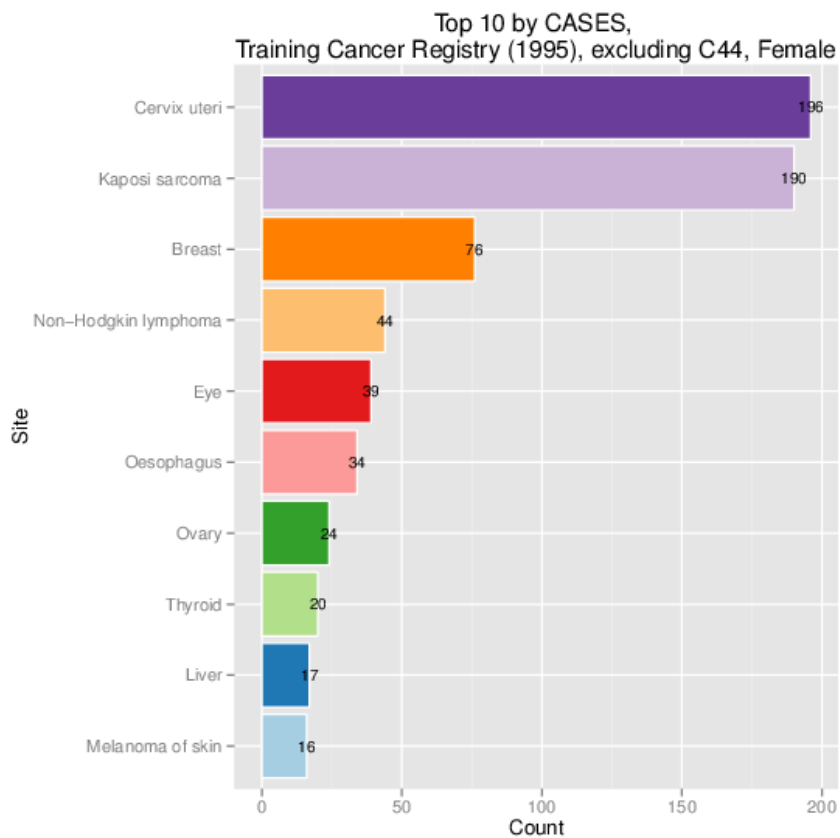
Analysis of cancer registry data

Bar Chart - 10 most common cancers by sex (CUM74)



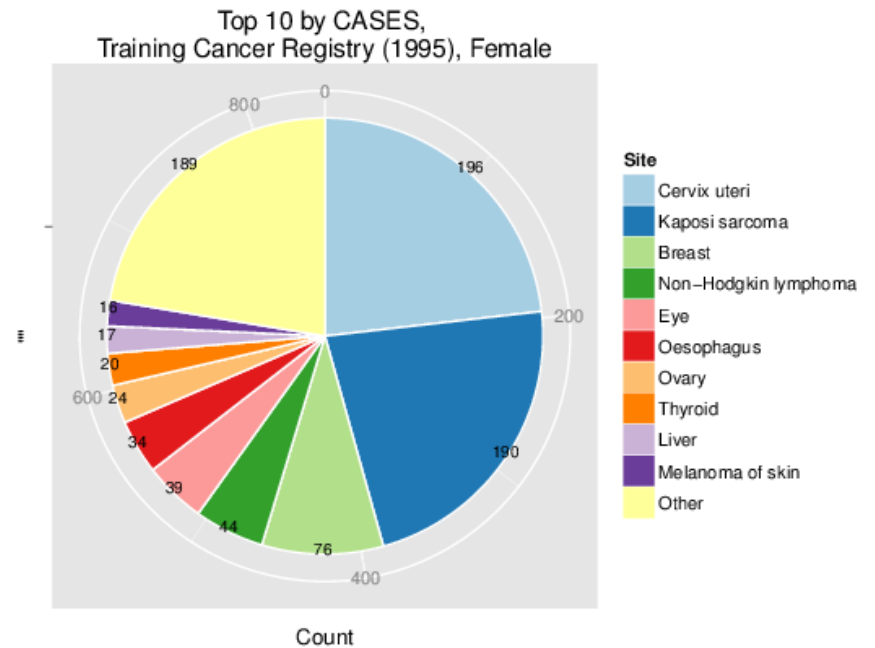
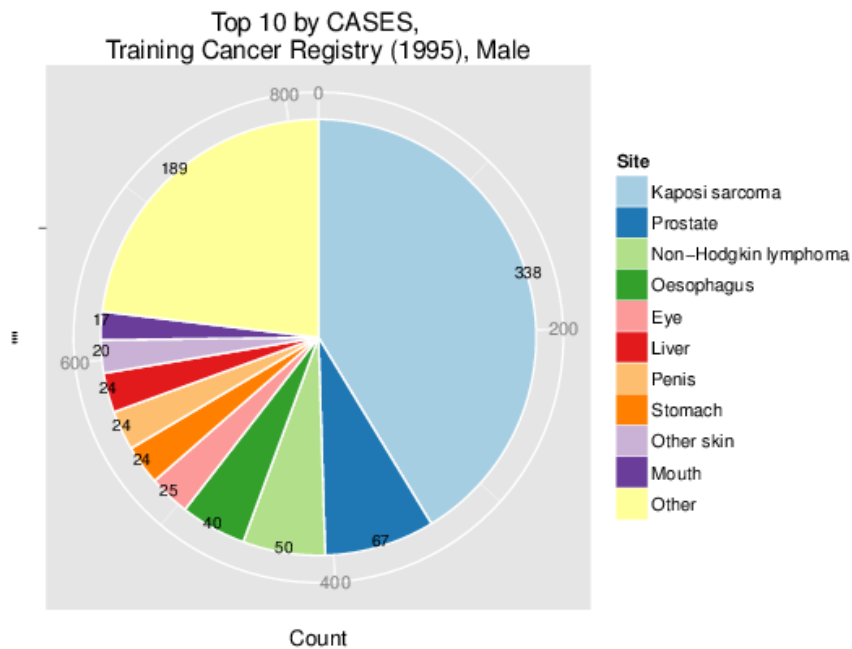
Analysis of cancer registry data

Bar Chart - 10 most common cancers by sex (excluding skin)



Analysis of cancer registry data

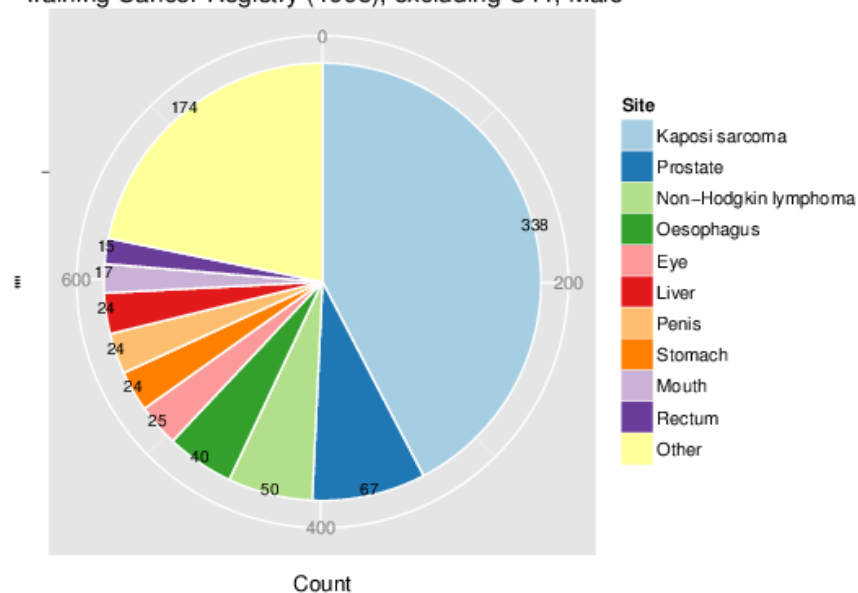
Pie Chart - 10 most common cancers by sex



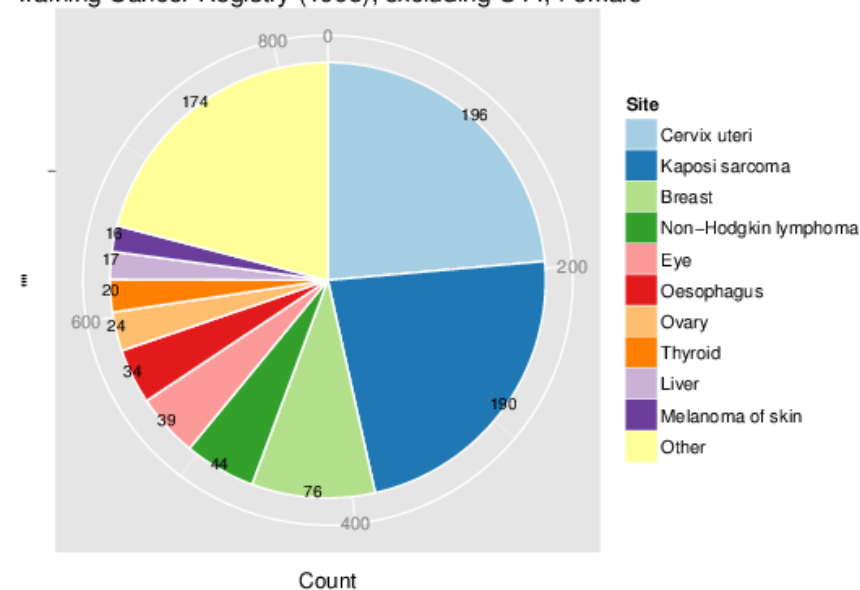
Analysis of cancer registry data

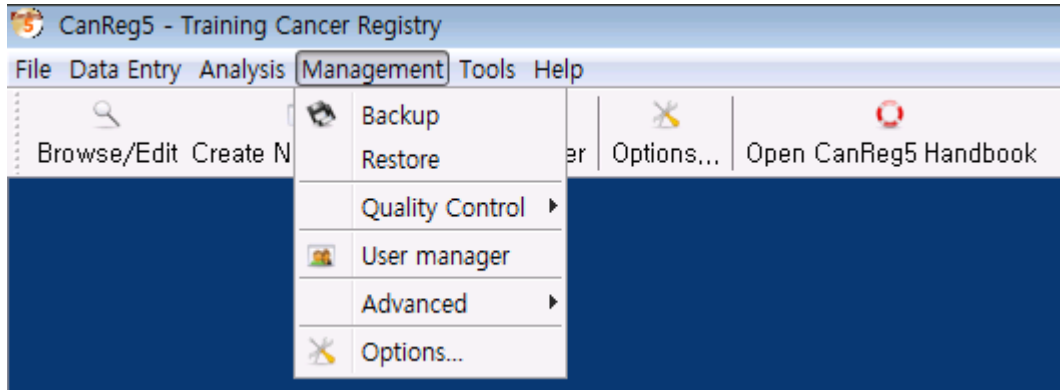
Pie Chart - 10 most common cancers by sex (excluding skin)

Top 10 by CASES,
Training Cancer Registry (1995), excluding C44, Male



Top 10 by CASES,
Training Cancer Registry (1995), excluding C44, Female





“Management” menu has submenus follow as:

- Backup: creating the backup of CanReg5 database
- Restore: Restoring the backup of CanReg5 database
- Quality Control: checking first name and sex and finding out duplication in CanReg5 data system.
- User manager: adding or deleting users
- Advanced: showing which current users are logged in
- Options: changing options

The background of the slide features a large, faint logo for CanReg5. It consists of a light yellow circle containing the text 'CanReg' in a large, light brown font, with a large orange '5' positioned below it. At the bottom of the circle, the words 'IARC' and 'IACR' are written in a light blue font.

CanReg

Thank you !!

For more information, please refer to the CanReg5 manual or contact canreg@iarc.fr.

Hyun-Joo Kong: bscr@ncc.re.kr