Canadian Cancer Registry Manuals

User Guide to Death Clearance Feedback Reports

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1.0 Introduction

The Canadian Cancer Registry (CCR) system is divided in three subsystems:

- Core Edit
- Internal Record Linkage
- Death Clearance

Feedback reports were developed for each of these three subsystems to facilitate the exchange of information and decisions between the CCR and the Provincial/ Territorial Cancer Registries (PTCRs).

This document is a guide for users of the Death Clearance Feedback Reports. Similar documents exist for the Core Edit and Internal Record Linkage Feedback Reports.

1.1 Death clearance system overview

The following steps constitute the Death Clearance System:

1. Pre-Processing
2. Direct Match - selected variables on the CCR are matched to the Canadian Mortality Data Base (CMDB)
3. Record Linkage - unmatched records on the CCR are linked (probabilistic linkage) to the CMDB
4. Post-Processing (includes Correlation Edits No. 07 and 30)[1]
   Death clearance feedback reports
   (Review of Death Clearance decisions by the PTCRs)
5. Refusal Processing
   Death confirmation refusal feedback reports
   (Review of de-confirmed records by the PTCRs)

The first set of feedback reports, which is generated after the completion of steps 1 to 4, provide the PTCRs with the results of the Death Clearance cycle. (These reports are described in section 2.0 - Death Clearance Feedback Reports.) Each PTCR is given a maximum of 4 weeks to review these results, after which a file of the patient records for which they disagree with the death confirmation decision must be returned to the CCR.

The second set of feedback reports is generated after the completion of step 5. They provide the PTCRs with information confirming that the death confirmations which they had refused earlier were indeed reversed. These reports are described in section 3.0 - Death Confirmation Refusal Feedback Reports.

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1. Canadian Cancer Registry Input Data Dictionary:
   Correlation Edit No. 07 - Date of Birth is after Date of Death
   Correlation Edit No. 30 – Date of Death does not precede Date of Diagnosis or Date of Diagnosis does not precede Date of Death for DCOs.

It is important to note that while the Death Clearance cycle is in progress, on the contrary of an Internal Record Linkage cycle, the CCR database is not frozen; that is normal data submissions are being accepted and processed by the CCR. To enable the CCR to restore patient records to their pre- death clearance state (as in the case of refusals), or to identify that some actions took place in the interval through normal submissions, a copy of all CCR patient records participating in this Death Clearance cycle is kept until the Refusal Processing phase is completed.

1.2   New data items (Appendix A)

A number of new data items were created as part of the Death Clearance system. They include:

- Correlation Error
- Death Clearance Cutoff Date
- Death Clearance Result
- Death Clearance Status
- Date of Death Clearance (or De-confirmation)
- Method of Death Clearance

The definition and coding structure of these fields appear in the attached Glossary (see Appendix A).

2.0 Death clearance feedback reports

Two products are generated and sent to the provinces/territories:

- Two computer files:
    1. the Death Clearance Population File - DCPOP
    2. the Death Confirmed Patient Record File

    and

- Five output reports on paper and/or in electronic format:
    1. Feedback Report No. DF1
       Summary Report (paper only)
    2. Feedback Report No. DF2-A
       List of Patient Records - Death Confirmed by Direct Match
    3. Feedback Report No. DF2-B
       List of Patient Records - Death Confirmed by Probabilistic Linkage without Data Overlay Warning
    4. Feedback Report No. DF2-C
       List of Patient Records - Death Confirmed by Probabilistic Linkage with Data Overlay Warning (paper only)
    5. Feedback Report No. DF3
       List of Patient Records - Death Not Confirmed Because of a Correlation Edit No. 07 and/or No. 29 Error.

In each Death Clearance cycle, all PTCRs receive the 2 computer files, and depending upon the volume of records involved, some or all of the paper reports.

2.1   Computer files

The record layouts for the two computer files are listed in Appendices B and C. Each file contains data fields originating from source databases, for which the abbreviations and definitions are listed below.

CCR-P: CCR patient record in its pre-death clearance state
CCR-T: CCR patient's tumour record with the latest Date of Diagnosis
CMDB: CMDB records which were either matched or linked to the CCR patient record by specified relevant fields
DC: Death Clearance generated information fields (this cycle)

2.1.1   Death clearance population file (Appendix B)

The Death Clearance Population File (DCPOP) presents a "snapshot" of the CCR as a result of the direct match and probabilistic linkage processes (up to step 4). It contains all the CCR patient records that participated in the Death Clearance cycle - the Death Clearance Population.

The Death Clearance Population, for any cycle, is defined as all CCR patient records that were not already death confirmed, and that had at least one associated tumour record with a Date of Diagnosis on, or before, the Cutoff Date.

Each record on this file contains:

- the CCR patient record in its pre-death clearance state;
- the identifying fields and Date of Diagnosis of the latest CCR tumour record associated with this patient record;
- relevant extracts of the CMDB record with which the CCR patient record either matched or linked (blank, when no match or link was found); and
- Death Clearance generated information fields (this cycle).

The records on this file allow the PTCRs to review in detail the information on the CCR patient records and their matched/linked CMDB records. The PTCRs therefore can evaluate the death confirmation decision. Furthermore, the latest diagnosed tumour could be identified from this file, to facilitate the investigation of correlation errors.

All feedback reports are generated from this file. (Each of these reports is described in more detail in section 2.2, along with instructions explaining how to retrieve the same information from the DCPOP file.)

PTCRs can review the Death Clearance results in detail, by comparing some of their CCR reported fields, to the same data items contained on the CMDB. For example, they can examine the following CCR and CMDB fields contained in the DCPOP file.

Death clearance population file			
Field	CCR response (Field #)	CMDB response (Field #)	Comment
Surname	5	33	First 10 characters
First given name	6	34	First 9 characters
Sex	9	30	
Date of birth	10	31	
Province/Territory/ Country of birth	11	32	
Birth/Maiden surname	12	35	First 10 characters
Underlying cause of death	16	29	

Any differences should be noted and PTCRs may wish to complete missing information on their own files. **Any corrections to the PTCR file resulting from this comparison would require an update to the CCR record in a subsequent, normal data submission**.

2.1.2 Death confirmed patient record file (Appendix C)

This file contains records of all the patients death confirmed during a specific Death Clearance cycle. The records are in an input patient record format (as defined in the CCR Input Data Dictionary), and additionally, contain two supplementary data items:

• Method of Death Clearance, and
• Death Clearance Cutoff Date

This file has two purposes:

1. PTCRs with large volumes of records will not receive paper copies of Feedback Report No. DF2 (see section 2.2.3). The same information can be browsed from this file and PTCRs should review the death confirmation decisions and update their own databases.

2. **For all PTCRs, this file is the vehicle by which any refusals of CCR death confirmation decisions are transmitted back to Statistics Canada for implementation**. If a PTCR disagrees with the death confirmation decisions, a copy of these patient records should be extracted from this file and returned to the CCR in an electronic format. The CCR processes these refusals by restoring the CCR database patient records to their pre-death clearance

state. Furthermore, when the Method of Death Clearance is by linkage, the CCR prevents any future linkage between these pairs of CCR patient and CMDB records.

2.2   Output reports

All output reports are bilingual. The reports Nos. DF1 and DF2-C (when applicable) are always printed on paper and not available in electronic format. The others (Nos. DF2-A, DF2-B and DF3) are produced in electronic format, and printed only when the number of records involved is relatively small or by special request.

> Throughout the description of each report, directions are given on how to extract the same information from the Death Clearance Population File (DCPOP). These directions appear in shaded boxes.

2.2.1   Header area

The format of the header for the Death Clearance Feedback Reports is similar to the format of the reports generated by the Core Edit and Internal Record Linkage systems.

	Current Date
Canadian Cancer Registry	Registre canadien du cancer
Province: XXXXXXXXXX	Registre canadien du cancer
YYYY - YYYY, Death Clearance Cycle	YYYY-YYYY, Cycle de confirmation des décès
Feedback Report No. Dfn	Rapport de rétroaction n° Dfn
Title	

Current Date: the date on which the Death Clearance module was run at the CCR and this report was produced.

Povince/Territory: the name of the PTCR for whom this report has been printed.

YYYY - YYYY: the earliest and latest registration years of the Canadian Mortality Data Base (CMDB), used in this Death Clearance cycle.

Dfn: the report number. Whereas the report numbers generated from the Core Edit system begin with the letters "A" or "B", and the report numbers from the Internal Record Linkage start with a "C", the report numbers from the Death Clearance system commence with the letters "DF", followed by a number.

Title: briefly describes the content of the specific report.

2.2.2 Feedback report DF1 (Appendix D)

Title: Summary report

This is a summary report that describes what happens to the CCR patient records from a specific PTCR, during a Death Clearance cycle. Nine counts are displayed, which fall into two broad categories:

1) CCR patient records without confirmation of death; and
2) CCR patient records with confirmation of death.

> The DCPOP field, Death Clearance Result, can be tabulated to generate the same counts.

1) CCR patient records without confirmation of death

    1. Patients still alive at Death Clearance Cutoff Date

The patients who are still alive are those who had at least one tumour diagnosed after the Death Clearance Cutoff Date. These records are not shown on any other reports.

> From the DCPOP, select records with Death Clearance Result = 1.

    2. Number of unmatched / unlinked CCR records

Patient records that neither matched nor linked to a CMDB record. These records are not shown on any other reports.

> From the DCPOP, select records with Death Clearance Result = 2.

    3. Number of linked CCR records that failed Correlation Edit No. 07 and/or No. 29

Correlation errors occur when the CMDB Date of Death conflicts with the CCR patient record's Date of Birth and/or the Date of Diagnosis of its latest tumour. In other words, there cannot be data showing that the patient died prior to being born (Correlation Edit No. 07), or that Date of Death does not precede Date of Diagnosis or Date of Diagnosis does not precede Date of Death for DCOs (Correlation Edit No. 30). These conditions prevent the posting of the CMDB Date of Death onto the CCR patient record. This situation can only occur with linked records, since CCR and CMDB matched records will always have an identical Date of Death. Records failing these edits are displayed on Feedback Report DF3.

> From the DCPOP, select records with Death Clearance Result = 3.

    4. Total number of CCR records without confirmation of death

Subtotal = sum of counts 1, 2 and 3.

2) CCR patient records with confirmation of death

5. Number of patient records confirmed as dead because of a direct match

Death confirmations resulting from a direct match essentially occur when the PTCR reported Year of Death, Province/Territory of Death and Death Registration Number on the CCR patient record are exactly the same as the ones on a CMDB record, and the following variables are not in conflict: Sex, Month and Year of Birth, as well as Month and Day of Death. These records are displayed on Feedback Report DF2-A.

From the DCPOP, select records with Death Clearance Result = 4.

CCR patient records not matching directly to the CMDB will then participate in the probabilistic linkage that considers many more variables, including Name and Province/Territory/Country of Birth. This group of patient records is further divided into those with and without data overlay warnings.

Number of patient records confirmed as dead because of probabilistic linkage:

6. Data Overlay Warning

A number of linked CCR patient records will already have a reported valid Date of Death, Province/Territory of Death and/or Death Registration Number prior to entering the Death Clearance process. However, records with data overlay warnings are those that did not find a match on the CMDB, either because the reported information is incomplete or incorrect, or because there was a conflict with any one of the following fields: Sex, Month and Year of Birth, and Month and Day of Death.

As described above, the Date of Death, Province of Death and Death Registration Number are copied from the linked CMDB record onto the CCR patient record to "tie" these two records together. If there are data already reported in any of these three fields on the patient record, they will be overwritten with the information from the CMDB record, thereby changing the PTCR reported data on the patient record.

Data overlay warnings indicate that the PTCR reported Date of Death, Province of Death and Death Registration Number may have been changed.

These records are displayed on Feedback Report DF2-C.

> From the DCPOP, select records with Death Clearance Result = 5.

7. No Data Overlay Warning

When a linked CCR patient record does not contain reported death data, that is, Date of Death, Province/Country of Death, Death Registration Number, and Underlying Cause of Death are all coded to indicate that the patient is not known to have died - then these fields alone will be updated with the corresponding CMDB information, while Autopsy is set to code "9" (unknown). In this situation, there is no data overlay warning.

These records are displayed on Feedback Report DF2-B.

> From the DCPOP, select records with Death Clearance Result = 6.

8. Total number of CCR records with confirmation of death

Sum of counts 5, 6 and 7.

9. Total number of CCR patient records included in this Death Clearance cycle

Sum of all the counts above represents the Death Clearance Population.

> From the DCPOP, all records.

2.2.3 Feedback report DF2

This series of three reports contain all the death confirmed CCR patient records from a Death Clearance cycle. Each report presents one Method of Death Clearance.

1) DF2-A: death confirmed because of a direct match
2) DF2-B: death confirmed because of probabilistic linkage without data overlay warnings
3) DF2-C: death confirmed because of probabilistic linkage with data overlay warnings

These records are found on the Death Confirmed Patient Record File (see section 2.1.2).

These reports should be used to view the accuracy of the death confirmation decisions. When PTCRs agree with the death confirmation decisions, they may update their own registry files, to post the confirmation of death, the Death Clearance Cutoff Date, and the Method by which it was confirmed.

2.2.3.1 Feedback report DF2-A (Appendix E)

Title: List of patient records - death confirmed by direct match

This report is generated when the number of death confirmations resulting from a direct match is relatively small, and the responsible PTCR may wish to update its own patient records by referring only to this paper report.

From the DCPOP, select records with Death Clearance Result = 4.

The report lists, in Provincial Identification Number (PIN) sequence, extracts of the CCR patient records that were death confirmed. In addition to the usual identifiers (Province/ Territory, PIN and CCR ID), the following fields are also displayed:

Surname
- reference CCR Input Data Dictionary item P6, first 15 characters only (may be blank if PTCR only reported Birth/Maiden Surname)
- DCPOP, field #5

First Given Name
- reference CCR Input Data Dictionary item P7
- DCPOP, field #6

Date of Death
- reference CCR Input Data Dictionary item P14
- DCPOP, field #13

Province/Territory/Country of Death
- reference CCR Input Data Dictionary item P15
- DCPOP, field #14

Death Registration Number
- reference CCR Input Data Dictionary item P16
- DCPOP, field #15

Underlying Cause of Death
- reference CCR Input Data Dictionary item P17
- DCPOP, field #16

When a death confirmation is the result of a direct match, the fields Date of Death, Province/Territory/Country of Death and Death Registration Number from the CCR and CMDB records are always identical.

2.2.3.2 Feedback report DF2-B (Appendix F)

Title: List of patient records - death confirmed by probabilistic linkage without data overlay warning

This report is generated when the number of death confirmations resulting from a probabilistic record linkage without data overlay warning (see section 2.2.2) is relatively small, and consequently, the responsible PTCR may wish to update its own patient records by referring only to this paper report.

> When a linked CCR patient record does not contain any reported death data, that is Date of Death, Province/Territory/Country of Death, Death Registration Number and Underlying Cause of Death are all coded to indicate that the patient is not known to have died - then these fields are updated with the corresponding CMDB information, while Autopsy is set to code "9" (unknown).

From the DCPOP, select records with Death Clearance Result = 4.

The report lists, in Provincial/Territorial Identification Number (PIN) sequence, extracts of the CCR patient records that were death confirmed. In addition to the usual identifiers (Province/ Territory, PIN and CCR ID), the following fields are also displayed:

Surname
- reference CCR Input Data Dictionary item P6, first 15 characters only (may be blank if PTCR only reported Birth/Maiden Surname)
- DCPOP, field #5

First Given Name
- reference CCR Input Data Dictionary item P7
- DCPOP, field #6

Date of Death
- reference CCR Input Data Dictionary item P14
- DCPOP, field #26

Province/Territory/Country of Death
- reference CCR Input Data Dictionary item P15
- DCPOP, field #27

Death Registration Number
- reference CCR Input Data Dictionary item P16
- DCPOP, field #28

Underlying Cause of Death
- reference CCR Input Data Dictionary item P17
- DCPOP, field #29

2.2.3.3 Feedback report DF2-C (Appendix G)

Title: List of patient records - death confirmed by probabilistic linkage with data overley warning

This report also shows in PIN sequence, the confirmations of death that occurred by means of probabilistic record linkage, but with data overlay warnings. It contains record linkages that may be problematic, in that the CCR patient records did not find matches on the CMDB, despite having some reported death information. Consequently, the validity of these linkages should be closely reviewed, and for this reason, this report is always printed regardless of the number of records involved.

The Date of Death, Province/Territory/Country of Death and/or Death Registration Number may now be different from what the PTCR originally reported, because of the data overlay from the CMDB. When accepting the linkages and the resulting confirmations of death, the PTCR must update its own registry files with the changed information found on the CCR after Death Clearance. If this is not done, it is quite likely that the death confirmation status of the CCR patient records will be revoked if ever an update is submitted.

> From the DCPOP, select records with Death Clearance Result = 5.

For each linkage generating a data overlay warning, a selection of comparable data items is displayed on three lines: items from the CCR patient record before Death Clearance; items from the linked CMDB record and; items from the CCR record after Death Clearance. Each linkage is delimited by a line of asterisks. In addition to the usual identifiers (Province/Territory, PIN and CCR ID), the following fields are also displayed:

Surname
- reference CCR Input Data Dictionary item P6, first 15 characters only (may be blank if PTCR reported Birth/Maiden Surname only)
- DCPOP field #5 for CCR records before D.C.
- DCPOP field #33 for CMDB records
- DCPOP field #5 for CCR records after D.C.

First Given Name
- reference CCR Input Data Dictionary item P7
- DCPOP field #6 for CCR records before D.C.
- DCPOP field #34 for CMDB records
- DCPOP field #6 for CCR records after D.C.

Birth Name

- reference CCR Input Data Dictionary item P13, first 15 characters only
- DCPOP field #12 for CCR records before D.C.
- DCPOP field #35 for CMDB records
- DCPOP field #12 for CCR records after D.C.

Date of Birth
- reference CCR Input Data Dictionary item P11
- DCPOP field #10 for CCR records before D.C.
- DCPOP field #31 for CMDB records
- DCPOP field #10 for CCR records after D.C.

Sex
- reference CCR Input Data Dictionary item P10
- DCPOP field #9 for CCR records before D.C.
- DCPOP field #30 for CMDB records
- DCPOP field #9 for CCR records after D.C.

Date of Death
- reference CCR Input Data Dictionary item P14
- DCPOP field #13 for CCR records before D.C.
- DCPOP field #26 for CMDB records
- DCPOP field #26 for CCR records after D.C.

Province/Territory/Country of Death
- reference CCR Input Data Dictionary item P15
- DCPOP field #14 for CCR records before D.C.
- DCPOP field #27 for CMDB records
- DCPOP field #27 for CCR records after D.C.

Death Registration Number
- reference CCR Input Data Dictionary item P16
- DCPOP field #15 for CCR records before D.C.
- DCPOP field #28 for CMDB records
- DCPOP field #28 for CCR records after D.C.

Underlying Cause of Death
- reference CCR Input Data Dictionary item P17
- DCPOP field #16 for CCR records before D.C.
- DCPOP field #29 for CMDB records
- DCPOP field #16 for CCR records after D.C.

> The only PTCR reported data that may be changed on the CCR patient record because of a confirmation of death are: Date of Death, Province/Territory/Country of Death and Death Registration Number.

2.2.4 Feedback report DF3 (Appendix H)

Title: List of patient records - death not confirmed because of a correlation no. 07 and/or no. 29 error

This report displays in PIN sequence, extracts from CCR patient/tumour records and linked CMDB records where confirmations of death were not made, because the CMDB Dates of Death generated correlation errors with the CCR Dates of Birth and/or Dates of Diagnosis (of latest tumours). (The exact specifications for these correlation edits are described in the CCR Input Data Dictionary.)

Confirmations of death were not made because the CMDB Date of Death occurred before the CCR Date of Birth, or more than three months prior to the Date of Diagnosis of the latest CCR tumour record. These correlation errors may reveal invalid record linkages, in which case no further action is needed. On the other hand**, they may reveal problems with the reporting of either Date of Birth or Date of Diagnosis, and consequently require updating both the Provincial/Territorial registry files as well as the CCR during a subsequent, normal data submission.**

From the DCPOP, select records with Death Clearance Result = 3.

The information shown for each failed linkage is displayed between two horizontal lines of asterisks. It can be broken down into three parts:

- the data items related to the latest tumour associated to the linked patient record;
- a selection of comparable data items from the CCR patient record and the linked CMDB record displayed on two lines; and
- the appropriate correlation error messages printed below the line of dashes.

The fields related to the latest tumour associated to the linked CCR patient record are listed below.

Province/Territory of Latest Tumour
- reference CCR Input Data Dictionary item T1
- DCPOP field #22

PIN of Latest Tumour
- reference CCR Input Data Dictionary item T2
- DCPOP field #23

Tumour Reference Number
- reference CCR Input Data Dictionary item T3
- DCPOP field #24

Date of Diagnosis
- reference CCR Input Data Dictionary item T12
- DCPOP field #25

The comparable data items from the CCR patient record and the linked CMDB record are:

Surname
- reference CCR Input Data Dictionary item P6, first 15 characters only (may be blank if PTCR reported Birth/Maiden Surname only)
- DCPOP field #5 for CCR records
- DCPOP field #33 for CMDB records

First Given Name
- reference CCR Input Data Dictionary item P7
- DCPOP field #6 for CCR records
- DCPOP field #34 for CMDB records

Birth Name
- reference CCR Input Data Dictionary item P13, first 15 characters only
- DCPOP field #12 for CCR records
- DCPOP field #35 for CMDB records

Date of Death
- reference CCR Input Data Dictionary item P14
- DCPOP field #13 for CCR records
- DCPOP field #26 for CMDB records

Province/Territory/Country of Death
- reference CCR Input Data Dictionary item P15
- DCPOP field #14 for CCR records
- DCPOP field #27 for CMDB records

Death Registration Number
- reference CCR Input Data Dictionary item P16
- DCPOP field #15 for CCR records
- DCPOP field #28 for CMDB records

Underlying Cause of Death
- reference CCR Input Data Dictionary item P17
- DCPOP field #16 for CCR records
- DCPOP field #29 for CMDB records

There are only two possible error messages:

- if the Date of Diagnosis of the CCR latest tumour record is more than 3 months after the CMDB Date of Death, then the error message labelled COR 29 is printed; and

- if the Date of Birth of the CCR patient record is after the CMDB Date of Death, then the error message labelled COR 7 is printed.

> From the DCPOP, print COR 29 message if Correlation Error (field 36) = 2; print COR 7 message if Correlation Error (field 36) = 1; and print both messages if Correlation Error (field 36) = 3.

3.0 Death confirmation refusal feedback reports

Whereas the outputs described thus far are generated by the actual Death Clearance process, comprising steps 1 to 4 (see section 1.1 - Death Clearance System Overview), Death Confirmation Refusal Feedback Reports are generated after steps 5 and 6 are completed. **Only PTCRs that have rejected at least one death confirmation will receive these reports**.

It is important to note that while the Death Clearance cycle is in progress, the CCR database is not frozen. The CCR continues to process data submissions received from PTCRs in the four to six week interval between the circulation of the Death Clearance results to the PTCRs and the subsequent receipt and processing of their refusals.

The outputs generated from the Refusal Processing phase consist of two output reports in electronic and paper formats.

1) Feedback Report DF4: Summary Report of PTCR Refusals
2) Feedback Report DF5: List of Patient Records No Longer Death Confirmed Following PTCR Review

3.1 Computer files

None

3.2 Output reports

All reports are bilingual. The DF4 and DF5 Reports are always printed (when applicable) and circulated.

3.2.1 Header areas

The format of the header for these reports is the same as the one described in section 2.2.1.

3.2.2 Feedback report DF4 (Appendix I)

Title: Summary report of PTCR refusals

This summary report describes the process of a PTCR death confirmation refusal. There are four possible outcomes:

1. No Match to the CCR - patient records deleted or ownership assumed by another registry since Death Clearance results were sent to PTCR for review.

   In attempting to restore the CCR patient record to its pre-death clearance status, there was no match (of Reporting Province/Territory and PIN) with the CCR patient record database. This no-match occurs either because the patient record was deleted or because its ownership was assumed by another PTCR (thereby changing the Reporting Province/Territory and PIN), in the interval between the circulation of the Death Clearance results to the PTCRs and the subsequent processing of their refusals.

2. Death no longer confirmed - PTCR changed Year of Death, Death Registration Number and/or Province/Territory/Country of Death since Death Clearance Results were sent to PTCR for review

   In attempting to restore the CCR patient record to its pre-death clearance state, the CCR Refusal Processing module identified that the CCR patient record on the database had already been de-confirmed. This de-confirmation occurred because the Year of Death, Province/Territory/Country of Death or Death Registration Number was changed as the result of an update in a normal data submission, in the interval between the distribution of the Death Clearance results to the PTCRs and the processing of their refusals.

3. Death no longer confirmed - PTCR rejected CCR decision to confirm these deaths. The same patient record will match again to the same CMDB record in the next Death Clearance cycle.

   The patient record on the CCR was successfully de-confirmed, and restored to its pre-death clearance state. However, because the confirmation of death was achieved through a direct match to the CMDB using the reported Date of Death, Province/ Territory/Country of Death and Death Registration Number on the CCR patient record, **the same match will reoccur during the next Death Clearance cycle, unless at least one of these three key fields, or one of the five match validating fields (i.e., Sex, Day and Month of Death and Month and Year of Birth) is later changed, by means of a normal update process**.

4. Death no longer confirmed - PTCR rejected CCR decision to confirm these deaths. These patient records and CMDB records will never link again to each other.

   The patient record on the CCR was successfully de-confirmed, and restored to its pre-death clearance state. In this case, the

confirmation of death was the result of a probabilistic linkage, and since the responsible PTCR subsequently invalidated this linkage, an entry was posted to a cross reference file **preventing these two records from ever again linking together**.

PTCRs should use this report to insure that all the death confirmations which they had earlier rejected had been processed.

3.2.3 Feedback report DF5 (Appendix J)

Title: List of patient records no longer death confirmed following PTCR review

This report substantiates, on an individual record basis, that the patients identified by the PTCRs as being incorrectly death confirmed, have indeed been de-confirmed. PTCRs can verify that the actions taken accurately reflect the content of their own records.

The report shows in PIN sequence, the CCR ID, Surname and First Given Name from the patient records whose confirmations of death were refused, as well as the Date of Death, Province/Territory/Country of Death and Death Registration Number from the rejected CMDB record. A message code is displayed next to each entry explaining the final resolution of each death confirmation refusal (as described above in Feedback Report DF4).

No match to the CCR (code 1) indicates that the affected PTCR no longer has the patient record in question registered on the CCR. In the previous 4 to 6 weeks, it was either deleted or its ownership was assumed by another PTCR. If this is unexpected, then follow-up is required to determine what exactly happened to the record and to take corrective actions, if necessary.

Records that will match again (code 3), will require some follow-up. The same matched pair will reappear in the next Death Clearance cycle and will be sent to the PTCR for review, unless an update is made on at least one of the three fields used to match to the CMDB - Year of Death, Province/Territory/Country of Death and Death Registration Number, during a normal update data submission to the CCR.

Appendices

Appendix A – Glossary

Correlation error: This is a field found on the Death Clearance Population File which describes the result of Correlation Edits No. 07 and No. 29 (from the CCR Input Data Dictionary) on patient records death confirmed because of a successful record linkage.

    blank = No correlation done
    0 = No correlation error
    1 = Failed Correlation Edit No. 07
    2 = Failed Correlation Edit No. 29
    3 = Failed both Correlation Edits No. 07 and No. 29

Death clearance cutoff date: This is the date (always December 31st) of the latest registration year on the Canadian Mortality Data Base (CMDB) with which the CCR patient record was matched/linked (successfully or unsuccessfully). The field is found on both the Death Clearance Population File and Death Confirmed Patient Record File.

    Format: CCYYMMDD
    CC: Century
    YY: Year
    MM: Month
    DD: Day

Death clearance result: This is a field found on the Death Clearance Population File which describes the result of the Death Clearance process on every record with a particular cycle's Death Clearance population.

    1 = Patient not death confirmed - still alive at Death Clearance Cutoff Date (at least one tumour diagnosed after cutoff date)
    2 = Patient not death confirmed - no match or link found on the CMDB
    3 = Patient not death confirmed - correlation error(s) with CMDB Date of Death
    4 = Patient death confirmed - because of a successful match to CMDB
    5 = Patient death confirmed - because of a successful linkage to the CMDB with data overlay warning
    6 = Patient death confirmed - because of a successful linkage to the CMDB without data overlay warning

Death clearance status: This field, found on the Death Clearance Population File, indicates whether the record participated in a Death Clearance cycle, and its status with respect to PTCR actions.

    0 = Patient record never underwent Death Clearance
    1 = Patient record underwent Death Clearance - not confirmed as dead
    2 = Patient record underwent Death Clearance - confirmed as dead
    3 = Patient record no longer confirmed as dead - de-confirmed in the core system as the result of a PTCR change to the death data

4 = Patient record no longer confirmed as dead - death confirmation decision rejected by the PTCR in the review of Death Clearance results

Date of death (De-)confirmation: This is a field found on the Death Clearance Population File. It is the date on which the patient was confirmed as being deceased during a CCR Death Clearance cycle, by means of a match/linkage to the CMDB;

- or -

The date on which the PTCR overturned the death confirmation decision, by either rejecting it during a CCR Death Clearance cycle, or by changing the CCR patient record death data (Year of Death, Province/Territory/Country of Death, Death Registration Number) during a normal data submission.

Format: CCYYMMDD
CC: Century
YY: Year
MM: Month
DD: Day

Method of death clearance: This field is found on both the Death Clearance Population File and on the Death Confirmed Patient Record File.

0 = Patient never underwent Death Clearance or is not death confirmed
1 = Match (identical Date of Death, Province/Territory/Country of Death, Death Registration Number, Sex, Month and Year of Birth)
2 = Probabilistic linkage

Appendix B – Death clearance population file record layout

Field	Size	Position	Source	Description
1	2	1 - 2	CCR-P	Reporting Province/Territory
2	12	3 - 14	CCR-P	Patient Identification Number
3	9	15 - 23	CCR-P	CCR Identification Number
4	1	24	CCR-P	Type of Current Surname
5	25	25 - 49	CCR-P	Current Surname
6	15	50 - 64	CCR-P	First Given Name
7	15	65 - 79	CCR-P	Second Given Name
8	7	80 - 86	CCR-P	Third Given Name
9	1	87	CCR-P	Sex
10	8	88 - 95	CCR-P	Date of Birth
11	3	96 - 98	CCR-P	Province/Territory/Country of Birth
12	25	99 - 123	CCR-P	Birth/Maiden Surname
13	8	124 - 131	CCR-P	Date of Death
14	3	132 - 134	CCR-P	Province/Territory/Country of Death
15	6	135 - 140	CCR-P	Death Registration Number
16	4	141 - 144	CCR-P	Underlying Cause of Death
17	1	145	CCR-P	Autopsy Confirming Cause of Death
18	8	146 - 153	CCR-P	Date of Transmission
19	8	154 - 161	CCR-P	Death Clearance Cutoff Date
20	1	162	CCR-P	Death Clearance Status
21	8	163 -170	CCR-P	Date of Death (De-)Confirmation
22	2	171 - 172	CCR-T	Reporting Province/Territory **of Latest Tumour**
23	12	173 -184	CCR-T	P.I.N. **of Latest Tumour**
24	9	185 -193	CCR-T	Tumour Reference Number **of Latest Tumour**
25	8	194 - 201	CCR-T	Date of Diagnosis **of Latest Tumour**
26	8	202 - 209	CMDB	Date of Death
27	3	210 - 212	CMDB	Province/Territory/Country of Death
28	6	213 - 218	CMDB	Death Registration Number
29	4	219 -222	CMDB	Underlying Cause of Death
30	1	223	CMDB	Sex
31	8	224 - 231	CMDB	Date of Birth
32	3	232 - 234	CMDB	Province/Territory/Country of Birth
33	10	235 - 244	CMDB	Surname
34	9	245 - 253	CMDB	First Given Name
35	10	254 - 263	CMDB	Birth/Maiden Surname
36	1	264	DC	Correlation Error
37	1	265	DC	Method of Death Clearance (this cycle)
38	8	266 - 273	DC	Death Clearance Cutoff Date (this cycle)
39	1	274	CCR-P	Death Clearance Status (this cycle)
40	1	275	DC	Death Clearance Result

Shaded areas identify those fields that are blank for records where there was no match nor link.

Source: CCR-P: CCR patient record in its pre-death clearance state;
CCR-T: CCR tumour record with the latest Date of Diagnosis;
CMDB: CMDB records which were either matched or linked to the CCR patient record by specified relevant fields;
DC: Death Clearance generated information fields (this cycle).

Appendix C – Death confirmed patient record file record layout

Field	Size	Position	Source	Description
1	2	1 - 2	CCR-P	Reporting Province/Territory
2	12	3 - 14	CCR-P	Patient Identification Number
3	9	15 - 23	CCR-P	CCR Identification Number
4	1	24	DC	Patient Record Type = 2 (Update Record)
5	1	25	CCR-P	Type of Current Surname
6	25	26 - 50	CCR-P	Current Surname
7	15	51 - 65	CCR-P	First Given Name
8	15	66 - 80	CCR-P	Second Given Name
9	7	81 - 87	CCR-P	Third Given Name
10	1	88	CCR-P	Sex
11	8	89 - 96	CCR-P	Date of Birth
12	3	97 - 99	CCR-P	Province/Territory/Country of Birth
13	25	100 - 124	CCR-P	Birth/Maiden Surname
14	8	125 - 132	CCR-P / CMDB[1]	Date of Death
15	3	133 - 135	CCR-P / CMDB[1]	Province/Territory/Country of Death
16	6	136 - 141	CCR-P / CMDB[1]	Death Registration Number
17	4	142 - 145	CCR-P / CMDB[2]	Underlying Cause of Death
18	1	146	CCR-P / DC[3]	Autopsy Confirming Cause of Death
19	8	147 - 154	DC	Date of Transmission = current date
20	1	155	DC	Method of Death Clearance (this cycle)
21	8	156 - 163	DC	Death Clearance Cutoff Date (this cycle)

1. If the patient was death confirmed as the result of record linkage, these fields would be replaced with the CMDB responses. Otherwise, death information would have been provided by the provincial / territorial registries in their normal data submissions to the CCR.

2. If the patient was death confirmed as the result of record linkage, and Cause of Death was coded as "0000" (patient is not known to have died), then this field is replaced with the CMDB responses.

3. The Autopsy data is the reported information from the CCR patient record, except when it was coded as "0" (patient is not known to have died); in this case, code "9" (unknown autopsy) is inserted by the Death Clearance System.

Appendix D – Feedback report No. DF1

CURRENT DATE

CANADIAN CANCER REGISTRY
PROVINCE: XXXXXXXXXX
YYYY - YYYY, DEATH CLEARANCE CYCLE
FEEDBACK REPORT NO. DF1

REGISTRE CANADIEN DU CANCER
PROVINCE : XXXXXXXXXX
AAAA - AAAA, CYCLE DE CONFIRMATION DES DÉCÈS
RAPPORT DE RÉTROACTION N° DF1

SUMMARY REPORT / RAPPORT SOMMAIRE

		From DCPOP
CCR PATIENT RECORDS WITHOUT CONFIRMATION OF DEATH; ENREGISTREMENTS PATIENT DU RCC SANS CONFIRMATION DU DÉCÈS		
PATIENTS STILL ALIVE AT DEATH CLEARANCE CUTOFF DATE; PATIENTS TOUJOURS VIVANTS À LA DATE DE CLÔTURE DE LA CONFIRMATION DES DÉCÈS	① 9999999	DCR = 1
NUMBER OF UNMATCHED / UNLINKED CCR RECORDS; NOMBRE D'ENREGISTREMENTS DU RCC NON APPAREILLÉS / NON COUPLÉS	② 9999999	DCR = 2
NUMBER OF LINKED CCR RECORDS THAT FAILED CORRELATION EDITS NO. 7 AND/OR 29; NOMBRE D'ENREGISTREMENTS COUPLÉS DU RCC AYANT ÉCHOUÉ LES CONTRÔLES DE COHÉRENCE N°° 7 ET/OU 29	③ 9999999	DCR = 3
TOTAL NUMBER OF CCR RECORDS WITHOUT CONFIRMATION OF DEATH; NOMBRE TOTAL D'ENREGISTREMENTS DU RCC SANS CONFIRMATION DES DÉCÈS	④ 9999999	SUB-TOTAL
CCR PATIENT RECORDS WITH CONFIRMATION OF DEATH; ENREGISTREMENTS PATIENT DU RCC AVEC CONFIRMATION DU DÉCÈS		
NUMBER OF PATIENT RECORDS CONFIRMED AS DEAD BECAUSE OF DIRECT MATCH; NOMBRE D'ENREGISTREMENTS PATIENT DON'T LE DÉCÈS A ÉTÉ CONFIRMÉ SUITE À UN APPARIEMENT DIRECT	⑤ 9999999	DCR = 4
NUMBER OF PATIENT RECORDS CONFIRMED AS DEAD BECAUSE OF PROBABILISTIC LINKAGE; NOMBRE D'ENREGISTREMENTS PATIENT DON'T LE DÉCÈS A ÉTÉ CONFIRMÉ SUITE À UN COUPLAGE PROBABILISTE		
DATA OVERLAY WARNING / AVERTISSEMENT DE SUPERPOSITION DE DONNÉES	⑥ 9999999	DCR = 5
NO DATA OVERLAY / SANS SUPERPOSITION DE DONNÉES	⑦ 9999999	DCR = 6
TOTAL NUMBER OF CCR RECORDS WITH CONFIRMATION OF DEATH; NOMBRE TOTAL D'ENREGISTREMENTS DU RCC AVEC CONFIRMATION DU DÉCÈS	⑧ 9999999	SUB-TOTAL
TOTAL NUMBER OF CCR PATIENT RECORDS INCLUDED IN THIS DEATH CLEARANCE CYCLE; NOMBRE TOTAL D'ENREGISTREMENTS PATIENT DU RCC INCLUS DANS CE CYCLE DE CONFIRMATION DES DÉCÈS	⑨ 9999999	TOTAL

To produce the same counts from the Death Clearance Population File (DCPOP), use the field Death Clearance Result (DCR).

Appendix E – Feedback report No. DF2-A

CANADIAN CANCER REGISTRY
PROVINCE: XXXXXXXXXX
YYYY - YYYY, DEATH CLEARANCE CYCLE
FEEDBACK REPORT NO. DF2 - A

REGISTRE CANADIEN DU CANCER
PROVINCE : XXXXXXXXXX
AAAA - AAAA, CYCLE DE CONFIRMATION DES DÉCÈS
RAPPORT DE RÉTROACTION Nº DF2 - A

LIST OF PATIENT RECORDS - DEATH CONFIRMED BY DIRECT MATCH
LISTE D'ENREGISTREMENTS PATIENT - DÉCÈS CONFIRMÉ PAR APPARIEMENT DIRECT

				--------------------DEATH / DÉCÈS--------------------					
PROVINCE	PIN NIP	CCR ID ID RCC	SURNAME NOM	GIVEN NAME 1 PRÉNOM 1	DATE	PROV./CTRY PROV./PAYS	REG. NO NO. ENR.	CAUSE
xx	xxxxxxxxxxx	xxxxxxxx	xxxxxxxx	given1 xxxxxxxx	yyyymmdd	pro	reg.no	ucod
xx	xxxxxxxxxxx	xxxxxxxx	xxxxxxxx	given1 xxxxxxxx	yyyymmdd	pro	reg.no	ucod
xx	xxxxxxxxxxx	xxxxxxxx	xxxxxxxx	given1 xxxxxxxx	yyyymmdd	pro	reg.no	ucod
xx	xxxxxxxxxxx	xxxxxxxx	xxxxxxxx	given1 xxxxxxxx	yyyymmdd	pro	reg.no	ucod

From DCPOP, select fields:								
#1	#2	#3	#5	#6	#13	#14	#15	#16

To print this report from the DCPOP:

1) Select records with Death Clearance Result = 4
2) Sort by PIN
3) Print selected fields, as shown above (for field #5, print first 15 characters only)

Appendix F – Feedback report No. DF2-B

CURRENT DATE

CANADIAN CANCER REGISTRY
PROVINCE: XXXXXXXXXX
YYYY - YYYY, DEATH CLEARANCE CYCLE
FEEDBACK REPORT NO. DF2 - B

REGISTRE CANADIEN DU CANCER
PROVINCE : XXXXXXXXXX
AAAA - AAAA, CYCLE DE CONFIRMATION DES DÉCÈS
RAPPORT DE RÉTROACTION N° DF2 - B

LIST OF PATIENT RECORDS - DEATH CONFIRMED BY PROBABILISTIC LINKAGE, WITHOUT DATA OVERLAY WARNING
LISTE D'ENREGISTREMENTS PATIENT - DÉCÈS CONFIRMÉ PAR COUPLAGE PROBABILISTE, SANS AVERTISSEMENT DE SUPERPOSITION DE DONNÉES

-----------------------DEATH / DÉCÈS---------------------

PROVINCE	PIN NIP	CCR ID ID RCC	SURNAME NOM	GIVEN NAME 1 PRÉNOM 1	DATE	PROV./CTRY PROV./PAYS	REG. NO NO. ENR.	CAUSE
xx	xxxxxxxxxxx	xxxxxxxxx	xxxxxxxx	given1xxxxxxxxx	yyyymmdd	pro	reg.no	ucod
xx	xxxxxxxxxxx	xxxxxxxxx	xxxxxxxx	given1xxxxxxxxx	yyyymmdd	pro	reg.no	ucod
xx	xxxxxxxxxxx	xxxxxxxxx	xxxxxxxx	given1xxxxxxxxx	yyyymmdd	pro	reg.no	ucod
xx	xxxxxxxxxxx	xxxxxxxxx	xxxxxxxx	given1xxxxxxxxx	yyyymmdd	pro	reg.no	ucod

From DCPOP, select fields:								
#1	#2	#3	#5	#6	#26	#27	#28	#29

To print this report from the DCPOP:

1) Select records with Death Clearance Result = 6
2) Sort by PIN
3) Print selected fields, as shown above (for field #5, print first 15 characters only)

Appendix G – Feedback report No. DF2-C

CURRENT DATE

CANADIAN CANCER REGISTRY	REGISTRE CANADIEN DU CANCER
PROVINCE: XXXXXXXXXX	PROVINCE : XXXXXXXXXX
YYYY - YYYY, DEATH CLEARANCE CYCLE	AAAA - AAAA, CYCLE DE CONFIRMATION DES DÉCÈS
FEEDBACK REPORT NO. DF2 - C	RAPPORT DE RÉTROACTION N° DF2 - C

LIST OF PATIENT RECORDS - DEATH CONFIRMED BY PROBABILISTIC LINKAGE, WITH DATA OVERLAY WARNING
LISTE D'ENREGISTREMENTS PATIENT - DÉCÈS CONFIRMÉ PAR COUPLAGE PROBABILISTE, AVEC AVERTISSEMENT DE SUPERPOSITION DE DONNÉES

	PROV.	PIN NIP	CCR ID ID RCC	SURNAME NOM	GIVEN NAME 1 PRÉNOM 1	NAME NOM	BIRTH/NAISSANCE DATE	SEX SEXE	DEATH/DÉCÈS DATE	PROV./CTRY PROV./PAYS	REG. NO. NO. ENR.	CAUSE
CCR BEFORE D.C. RCC AVANT C.D.	xx	xxxxxxxxxxx	xxxxxxxx	surnamexxx xxxxx	given1xxxxxxxx	birthnamex xxxxx	yyyymmdd	x	yyyymmdd	pro	reg.no	ucod
CMDB BCDM	--	----------	---------	surnamexxx	given1xxx	birthnamex	yyyymmdd	x	yyyymmdd	pro	reg.no	ucod
CCR AFTER D.C. RCC APRÈS C.D.	xx	xxxxxxxxxxx	xxxxxxxx	surnamexxx xxxxx	given1xxxxxxxx	birthnamex xxxxx	yyyymmdd	x	yyyymmdd	pro	reg.no	ucod
CCR BEFORE D.C. RCC AVANT C.D.	xx	xxxxxxxxxxx	xxxxxxxx	surnamexxx xxxxx	given1xxxxxxxx	birthnamex xxxxx	yyyymmdd	x	yyyymmdd	pro	reg.no	ucod
CMDB BCDM	--	----------	---------	surnamexxx	given1xxx	birthnamex	yyyymmdd	x	yyyymmdd	pro	reg.no	ucod
CCR AFTER D.C. RCC APRÈS C.D.	xx	xxxxxxxxxxx	xxxxxxxx	surnamexxx xxxxx	given1xxxxxxxx	birthnamex xxxxx	yyyymmdd	x	yyyymmdd	pro	reg.no	ucod
CCR BEFORE D.C. RCC AVANT C.D.	xx	xxxxxxxxxxx	xxxxxxxx	surnamexxx xxxxx	given1xxxxxxxx	birthnamex xxxxx	yyyymmdd	x	yyyymmdd	pro	reg.no	ucod
From DCPOP, Fields:	#1	#2	#3	#5	#6	#12	#11	#9	#13	#14	#15	#16
CMDB BCDM	--	----------	---------	surnamexxx	given1xxx	birthnamex	yyyymmdd	x	yyyymmdd	pro	reg.no	ucod
From DCPOP, Fields:	#1			#33	#34	#35	#31	#30	#26	#27	#28	#29
CCR AFTER D.C. RCC APRÈS C.D.	xx	xxxxxxxxxxx	xxxxxxxx	surnamexxx xxxxx	given1xxxxxxxx	birthnamex xxxxx	yyyymmdd	x	yyyymmdd	pro	reg.no	ucod
From DCPOP, Fields:	#1	#2	#3	#5	#6	#12	#10	#9	#26	#27	#28	#16

To print this report from the DCPOP:
1) Select records with Death Clearance Result = 5
2) Sort by PIN
3) Print selected fields, as shown above (for field #5 and #12, print first 15 characters only)

Appendix H – Feedback Report No. DF3

CANADIAN CANCER REGISTRY   REGISTRE CANADIEN DU CANCER
PROVINCE: XXXXXXXXXX   PROVINCE : XXXXXXXXXX
YYYY - YYYY, DEATH CLEARANCE CYCLE   AAAA - AAAA, CYCLE DE CONFIRMATION DES DÉCÈS
FEEDBACK REPORT NO. DF3   RAPPORT DE RÉTROACTION N° DF3

LIST OF PATIENT RECORDS - DEATH NOT CONFIRMED BECAUSE OF A CORRELATION EDITS NO. 7 AND/OR NO.29 ERROR
LISTE D'ENREGISTREMENTS PATIENT - DÉCÈS NON CONFIRMÉ DÛ À UN REJET AUX CONTRÔLES DE COHÉRENCE Nᵒˢ 7 ET/OU 29

PROV. OF LATEST TUMOUR: xx   PIN OF LATEST TUMOUR: xxxxxxxxxxx   TUMOUR REFERENCE NO.: xxxxxxxxx   DATE OF DIAGNOSIS: YYYYMMDD
PROV. DE LA DERNIÈRE TUMEUR: xx   NIP DE LA DERNIÈRE TUMEUR: xxxxxxxxxxx   NO. RÉFÉRENCE TUMEUR: xxxxxxxxx   DATE DE DIAGNOSTIC: AAAAMMJJ

----------------------DEATH/DÉCÈS----------------------

	PROV.	PIN NIP	CCR ID ID RCC	SURNAME NOM	GIVEN NAME 1 PRÉNOM 1	DATE OF BIRTH	DATE	PROV/CTRY PROV/PAYS	REG. NO. NO. ENR.	CAUSE
CCR / RCC	xx	xxxxxxxxxxx	xxxxxxxxx	surnamexxxxxxxx	given1xxxxxxxxx	yyyymmdd	yyyymmdd	pro	reg.no	ucod
CMDB / BCDM	--	-----------	--------	surnamexxx	given1xxx	yyyymmdd	yyyymmdd	pro	reg.no	ucod

ERROR / ERREUR:

COR 7: DATE OF BIRTH IS AFTER DATE OF DEATH / COH7: DATE DE NAISSANCE APRÈS DATE DU DÉCÈS

COR 29: DIAGNOSIS OCCURRED MORE THAN THREE MONTHS AFTER DATE OF DEATH / COH 29: DIAGNOSTIC EFFECTUÉ PLUS DE TROIS MOIS APRÈS LA DATE DU DÉCÈS

PROV. OF LATEST TUMOUR: xx   PIN OF LATEST TUMOUR: xxxxxxxxxxx   TUMOUR REFERENCE NO.: xxxxxxxxx   DATE OF DIAGNOSIS: YYYYMMDD
PROV. DE LA DERNIÈRE TUMEUR: xx   NIP DE LA DERNIÈRE TUMEUR: xxxxxxxxxxx   NO. RÉFÉRENCE TUMEUR: xxxxxxxxx   DATE DE DIAGNOSTIC: AAAAMMJJ

From DCPOP, Fields:	#22		#23		#24		#25			

--------------------------DEATH/DÉCÈS--------------------------

	PROV.	PIN NIP	CCR ID ID RCC	SURNAME NOM	GIVEN NAME 1 PRÉNOM 1	DATE OF BIRTH	DATE	PROV./CTRY PROV./PAYS	REG. NO. NO. ENR.	CAUSE
CCR / RCC	xx	xxxxxxxxxxx	xxxxxxxxx	surnamexxxxxxxx	given1xxxxxxxxx	yyyymmdd	yyyymmdd	pro	reg.no	ucod
From DCPOP, select fields:	#1	#2	#3	#5	#6	#10	#13	#14	#15	#16
CMDB / BCDM	--	-----------	--------	surnamexxx	givenname	yyyymmdd	yyyymmdd	pro	reg.no	ucod
From DCPOP, select fields:			#33	#34	#31	#26	#27	#28	#29	

ERROR / ERREUR:

COR 7: DATE OF BIRTH IS AFTER DATE OF DEATH / COH7: DATE DE NAISSANCE APRÈS DATE DU DÉCÈS

COR 29: DIAGNOSIS OCCURRED MORE THAN THREE MONTHS AFTER DATE OF DEATH / COH 29: DIAGNOSTIC EFFECTUÉ PLUS DE TROIS MOIS APRÈS LA DATE DU DÉCÈS

To print this report from the DCPOP:

1) Select records with Death Clearance Result = 3
2) Sort by PIN
3) Print selected fields, as shown above (for field #5, print first 15 characters only)
4) Print Cor 29 Message if Correlation Error field = 1, print both messages (Cor 7 & Cor 29) if Correlation Error field = 2

Appendix I – Feedback report No. DF4

CANADIAN CANCER REGISTRY
PROVINCE: XXXXXXXXXX
YYYY - YYYY, DEATH CLEARANCE CYCLE
FEEDBACK REPORT NO. DF4

REGISTRE CANADIEN DU CANCER
PROVINCE : XXXXXXXXXX
AAAA - AAAA, CYCLE DE CONFIRMATION DES DÉCÈS
RAPPORT DE RÉTROACTION Nº DF4

SUMMARY REPORT OF PTCR REFUSALS
RAPPORT SOMMAIRE DES REFUS DU RPTC

	Number of Records Nombre d'enregistrements	
No Match to the CCR - patient records deleted or ownership assumed by another registry since Death Clearance Results were sent to PTCR for review.	99	Pas d'appariement au RCC - enregistrements patient supprimés ou devenus la propriété d'un autre RPTC depuis que les résultats de la confirmation des décès ont été envoyés au RPTC pour révision.
Death no longer confirmed - PTCR changed Year of Death, Death Registration Number and/or Province/Country of Death since Death Clearance Results were sent to PTCR for review.	99	Confirmation du décès révoquée - le RPTC a changé l'année de décès, le numéro d'enregistrement de décès et/ou la province/pays du décès depuis que les résultats de la confirmation des décès ont été envoyés au RPTC pour révision.
Death no longer confirmed - PTCR rejected CCR decision to confirm these deaths. The same patient record will match again to the same CMDB record in the next Death Clearance cycle.	99	Confirmation du décès révoquée - le RPTC a rejeté la décision du RCC de confirmer ces décès. Il y aura à nouveau appariement entre ce même enregistrement patient et le même enregistrement de la BCDM au prochain cycle de confirmation des décès.
Death no longer confirmed - PTCR rejected CCR decision to confirm these deaths. This patient record will never link again to the same CMDB record.	99	Confirmation du décès révoquée - le RPTC a rejeté la décision du RCC de confirmer ces décès. Il n'y aura plus jamais couplage entre cet enregistrement patient et celui de la BCDM.
Total number of refusal records processed	999	Nombre total d'enregistrements de refus traités

Appendix J – Feedback report No. DF5

CURRENT DATE

CANADIAN CANCER REGISTRY	REGISTRE CANADIEN DU CANCER
PROVINCE: XXXXXXXXXX	PROVINCE : XXXXXXXXXX
YYYY - YYYY, DEATH CLEARANCE CYCLE	AAAA - AAAA, CYCLE DE CONFIRMATION DES DÉCÈS
FEEDBACK REPORT NO. DF5	RAPPORT DE RÉTROACTION Nº DF5

LIST OF PATIENT RECORDS NO LONGER DEATH CONFIRMED FOLLOWING PTCR REVIEW
LISTE DES ENREGISTREMENTS PATIENT DON'T LE DÉCÈS N'EST PLUS CONFIRMÉ SUITE À LA RÉVISION PAR LE RPTC

LEGEND FOR MESSAGE CODE:		LÉGENDE POUR LES CODES DE MESSAGE:	
Code 1:	No Match to the CCR - patient record deleted or ownership assumed by another registry since Death Clearance Results were sent to PTCR for review.	Code 1:	Pas d'appariement au RCC - enregistrement patient supprimé ou devenu la propriété d'un autre RPTC depuis que les résultats de la confirmation des décès ont été envoyés au RPTC pour révision.
Code 2:	Death no longer confirmed - PTCR changed Year of Death, Death Registration Number and/or Province/Country of Death since Death Clearance Results were sent to PTCR for review.	Code 2:	Confirmation du décès révoquée - le RPTC a changé l'année de décès, le numéro d'enregistrement de décès et/ou la province/pays du décès depuis que les résultats de la confirmation des décès ont été envoyés au RPTC pour révision.
Code 3:	Death no longer confirmed - PTCR rejected CCR decision to confirm this death. This patient record will match again to the same CMDB record in the next Death Clearance cycle.	Code 3:	Confirmation du décès révoquée - le RPTC a rejeté la décision du RCC de confirmer ce décès. Il y aura à nouveau appariement entre ce même enregistrement patient et le même enregistrement de la BCDM au prochain cycle de confirmation des décès.
Code 4:	Death no longer confirmed - PTCR rejected CCR decision to confirm this death. This patient record will never link again to the same CMDB record.	Code 4:	Confirmation du décès révoquée - le RPTC a rejeté la décision du RCC de confirmer ce décès. Il n'y aura plus jamais de couplage entre cet enregistrement patient et celui de la BCDM.

REFUSED DEATH DATA / DONNÉES REFUSÉES SUR LE DÉCÈS

PROV.	PIN NIP	CCR ID ID RCC	SURNAME NOM	GIVEN NAME 1 PRÉNOM 1	DATE	PROV./CTRY PROV./PAYS	REG. NO. NO. ENR.	MESSAGE CODE CODE DE MESSAGE
xx	xxxxxxxxxxx	xxxxxxxx	surnamexxxxxxxxx	given1xxxxxxxx	yyyymmdd	pro	reg.no	3
xx	xxxxxxxxxxx	xxxxxxxx	surnamexxxxxxxxx	given1xxxxxxxx	-----------	----	------	1
xx	xxxxxxxxxxx	xxxxxxxx	surnamexxxxxxxxx	given1xxxxxxxx	yyyymmdd	pro	reg.no	4
xx	xxxxxxxxxxx	xxxxxxxx	surnamexxxxxxxxx	given1xxxxxxxx	-----------	----	------	2