California Department of Education
CALPADS
California Longitudinal Pupil Achievement Data System

CALPADS Technical Update (CTU)

CALPADS Enrollment Processing Change

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1 Introduction

CALPADS Technical Update (CTU) - Document 1 provides a technical summary of the CALPADS software released on July 19, 2010. This document's intended audiences are the SIS Vendors community and LEA technical staff which supports their local SIS implementations and interfaces with CALPADS. The business and validation rules described in this document are excerpts from the detailed design documentation produced during this software release. This document is not an end user support document.

The following summarizes the modifications to the CALPADS processing and business rules:

- Revised the intra-LEA CCE error (SENR0027) to trigger a fatal error for any overlapping primary enrollment with the same LEA for the same Student SSID.
- Revised the inter-LEA CCE error (SENR0028) to trigger a warning error for any overlapping primary enrollment in different LEAs for the same Student SSID.
- Removed CCE IVR errors which are now redundant to IVR SENR0028.
- Revised the SINF processing rules to enable SINF transactions from the receiving school during the 14 day CCE waiting period.
- Revised the SINF processing rules to utilize the primary SENR records Student School Start Date to determine SINF ownership.
- Revised the SINF processing rules to no longer require the SINF transaction include an Effective End Date for any type of submission. CALPADS will calculate the SINF Effective End Date based on the revised SINF ownership rules if no Effective End Date is provided in the record.
- Revised the SENR processing rules for short term enrollment records (Enrollment Status Code = 30). Process rules now enforce short term SENR data submissions as defined in the CALPADS Enrollment Procedures

The following sections describe the CALPADS software changes included in this release:

- Section 2 Input Validation Rule (IVR) Updates
- Section 3 CCE 14 Day Rule Change
- Section 4 SINF Processing Change

2 Input Validation Rule (IVR) Updates

2.1 SENR Updates

2.1.1 IVR SENR0027

Expand rule to trigger instances where any two primary enrollments for the same LEA and student overlap.

Existing Rule:

Rule #	Validation Rule	Description	Error Level
SENR0027	Multiple Primary Enrollments within LEA	A student may only have one active primary enrollment at any given point in time within the LEA. Open enrollment record submitted with a School Start Date on or after the School Start Date of an existing open enrollment	Fatal

- Existing IVR only triggers when an open primary enrollment record is submitted with a Student School Start Date after the Student School Start Date of an existing open primary enrollment

Revised Rule:

Rule #	Validation Rule	Description	Error Level
SENR0027	Multiple Primary Enrollments within LEA	Submitted open or closed enrollment record overlaps with an existing open or closed enrollment within an LEA Existing primary enrollments with an N470 Student Exit Reason Code and a Student School Exit Date equal to or one day prior to the Student School Start Date will be ignored as a primary enrollment Short Term enrollment period over 30 days will be treated as a Primary enrollment	Fatal

- IVR will trigger on all overlapping primary enrollments for the same LEA regardless of an open or closed enrollment
- IVR will trigger on upload and posting

2.1.2 IVR SENR0028

Expand rule to trigger any inter-LEA primary enrollments for the same student that overlap.

Existing Rule:

Rule #	Validation Rule	Description	Error Level
SENR0028	Multiple Primary Enrollments within CALPADS	A student may only have one active primary enrollment at any given point in time within CALPADS. Open enrollment record submitted with a School Start Date on or after the School Start Date of an existing open enrollment	Warning

- Existing IVR only triggers when an open enrollment is submitted with a Student School Start Date after the Student School Start Date of an existing open enrollment in another LEA

Revised Rule:

Rule #	Validation Rule	Description	Error Level
SENR0028	Multiple Primary Enrollments within CALPADS	Submitted open or closed enrollment record overlaps with an existing open or closed enrollment between two different LEAs Existing primary enrollments with an N470 Student Exit Reason Code and a Student School Exit Date equal to or one day prior to the Student School Start Date will be ignored as a primary enrollment Short Term enrollment period over 30 days will be treated as a Primary enrollment	Warning

- IVR will trigger on all inter-LEA overlapping primary enrollments for the same student regardless of an open or closed enrollment
- Exception -- if the student has an enrollment with the same Student School Start Date in a different LEA, this will trigger the fatal error (SENR0037) and not SENR0028.
- IVR will trigger on upload and posting

2.1.3 IVR SENR0037

Modify rule to trigger when the same student has the same Student School Start Date for an open or closed primary enrollment in a different LEA

Existing Rule:

Rule #	Validation Rule	Description	Error Level
SENR0037	Duplicate enrollment with same Start Date or Exit Date	Enrollment record submitted with the same School Start Date and/or School Exit Date of an existing enrollment record of another LEA	Fatal

- Existing IVR triggers when a primary enrollment record is submitted for the same student with the same Student School Start Date and/or Student School Exit Date as a primary enrollment in a different LEA

Revised Rule:

Rule #	Validation Rule	Description	Error Level
SENR0037	Duplicate enrollment with same Start Date	Enrollment record submitted with the same Student School Start Date of an existing enrollment record of another LEA Existing primary enrollments with an N470 Student Exit Reason Code and a Student School Exit Date equal to or one day prior to the Student School Start Date will be ignored as a primary enrollment Short Term enrollment period over 30 days will be treated as a primary enrollment	Fatal

- IVR only needs to trigger when the same student has the same Student School Start Date in a different LEA. No longer triggers for same Student School Exit Date.
- IVR will trigger on upload and posting

2.1.4 IVR SENR0038

Deactivate SENR0038

Existing Rule:

Rule #	Validation Rule	Description	Error Level
SENR0038	Overlapping enrollment - Start Date or Exit Date between existing closed enrollment	Closed enrollment submitted with either the School Start Date or the School Exit date between the School Start Date and the School Exit Date of an existing closed enrollment record	Fatal

- Existing IVR triggers when a closed enrollment is submitted with either the Student School Start Date or the Student School Exit Date between the Student School Start Date and the Student School Exit Date of an existing closed enrollment record
- This IVR will be redundant with SENR0027 and SENR0028

2.1.5 IVR SENR0039

Deactivate IVR SENR0039

Existing Rule:

Rule #	Validation Rule	Description	Error Level
SENR0039	Overlapping Enrollment - Start Date or Exit Date after existing open enrollment	Closed enrollment submitted with the School Start Date after the School Start Date of an existing open enrollment record	Warning

- Existing IVR triggers when a closed enrollment is submitted with the Student School Start Date after the Student School Start Date of an existing open enrollment record
- This IVR will be redundant with SENR0028

2.1.6 IVR SENR0041

Deactivate IVR SENR0041

Existing Rule:

Rule #	Validation Rule	Description	Error Level
SENR0041	Overlapping enrollment - Start date between Start and Exit date of existing closed enrollment within LEA	Open Enrollment submitted with Start Date on or between Start Date and Exit Date of a closed enrollment - Fatal Error if same LEA	Fatal

- Existing IVR triggers when an open enrollment is submitted with Student School Start Date on or between Student School Start Date and Student School Exit Date of a closed enrollment within same LEA
- This IVR will be redundant with SENR0027

2.1.7 IVR SENR0042

Deactivate IVR SENR0042

Existing Rule:

Rule #	Validation Rule	Description	Error Level
SENR0042	Overlapping enrollment - Start date between Start and Exit date of existing closed enrollment within CALPADS	Open Enrollment submitted with Start Date on or between Start Date and Exit Date of a closed enrollment	Warning

- Existing IVR triggers when an open enrollment is submitted with Student School Start Date on or between Student School Start Date and Student School Exit Date of a closed enrollment for a different LEA
- This IVR will be redundant with SENR0028

2.1.8 IVR SENR0044

Deactivate IVR SENR0044

Existing Rule:

Rule #	Validation Rule	Description	Error Level
SENR0044	Multiple Primary Enrollments - Invalid Start Date	Open or closed enrollment record submitted with a School Start Date before the School Start Date of an existing enrollment	Fatal

- Existing IVR triggers when an open or closed enrollment record is submitted with a Student School Start Date before the Student School Start Date of an existing enrollment in a different LEA
- This IVR will be redundant with SENR0027 and SENR0028

2.1.9 IVR SENR0183

Deactivate IVR SENR0183

Existing Rule:

Rule #	Validation Rule	Description	Error Level
SENR0183	Overlapping enrollment within LEA - Start Date on or after existing open enrollment	Closed enrollment submitted with a School Start Date on or after the School Start Date of an existing open enrollment record within the same LEA	Fatal

- Existing IVR triggers when a closed enrollment is submitted with a Student School Start Date on or after the Student School Start Date of an existing open enrollment record within the same LEA
- This IVR will be redundant with SENR0027

2.1.10 IVR SENR0185

Create rule to trigger when an open short term enrollment is submitted without an existing open primary enrollment or the short term Student School Start Date is before the primary enrollment Student School Start Date

New Rule:

Rule #	Validation Rule	Description	Error Level
SENR0185	Open short term enrollment submitted without an existing open primary enrollment or the short term enrollment School Start Date is before the primary enrollment School Start Date	Open short term enrollment is submitted without an existing open primary enrollment or the short term School Start Date is before the primary enrollment School Start Date Existing primary enrollments with an N470 Student Exit Reason Code and a Student School Exit Date equal to or one day prior to the Student School Start Date will be ignored as a primary enrollment Short Term enrollment over 30 days will be treated as a Primary enrollment	Warning

- IVR will trigger on upload and posting

2.1.11 IVR SENR0186

Create rule to trigger when a closed short term enrollment (30 days or less) is submitted without an existing open primary enrollment or without an existing closed primary enrollment where the short term enrollment period falls within the closed primary enrollment period.

New Rule:

Rule #	Validation Rule	Description	Error Level
SENR0186	Closed short term enrollment submitted where the short term enrollment period does not fall within the open primary enrollment period or within an existing closed primary enrollment period	Closed short term enrollment (30 days or less) is submitted without an existing open primary enrollment or without an existing closed primary enrollment where the short term enrollment period falls within the closed primary enrollment period. Existing primary enrollments with an N470 Student School Exit Date equal to or one day prior to the Student School	Warning

Rule #	Validation Rule	Description	Error Level
		Start Date will be ignored as a primary enrollment Short Term enrollment over 30 days will be treated as a Primary enrollment	

- IVR will trigger on upload and posting

2.1.12 IVR SENR0187

Create rule to trigger when a short term enrollment period is more than 30 days based on the short term enrollment Student School Start Date and either the current date (for an open enrollment) or the Student School Exit Date (for a closed enrollment)

New Rule:

Rule #	Validation Rule	Description	Error Level
SENR0187	Short term enrollment period must be 30 days or less	Short term enrollment period is more than 30 days based on the short term enrollment Student School Start Date and either the current date (for an open enrollment) or the Student School Exit Date (for a closed enrollment)	Fatal

- IVR will trigger on upload and posting

2.1.13 IVR SENR0188

Create rule to trigger when a valid short term enrollment submission has the same Student School Start Date as the primary enrollment Student School Start Date for the same student at another LEA

New Rule:

Rule #	Validation Rule	Description	Error Level
SENR0188	Short term enrollment record has the same Student School Start Date for the same student with a primary enrollment at another LEA	Valid short term enrollment submission has the same Student School Start Date as the primary enrollment Student School Start Date for the same student at another LEA Existing primary enrollments with an N470 Student Exit Reason Code and a Student School Exit Date equal to or one day prior to the Student School Start Date will be ignored as a primary enrollment Short Term enrollment over 30 days will be treated as a Primary enrollment	Warning

- This IVR does not trigger within the LEA
- IVR will trigger on upload and posting

2.1.14 IVR SENR0189

Create rule to trigger when a school type other than Educational Options submits a short term enrollment

New Rule:

Rule #	Validation Rule	Description	Error Level
SENR0189	Only Educational Options schools may submit short term enrollments	School type other than Educational Options submits a short term enrollment	Fatal

- "Educational Options" means Juvenile Court, County Community, Community Day, Continuation, or Opportunity schools (JUV, COMM, COMMDAY, CON, OPP)
- IVR will trigger on upload only

2.2 SINF Update

2.2.1 IVR SINF GERR0005

Modify business rule to check SINF ownership.

Existing Rule:

Rule #	Validation Rule	Description	Error Level
GERR0005	Student not owned by LEA or School	1. For a submitted SINF record, the provided Effective Start - End date range does not fall within the student's enrollment record date range (School Start Date - School Exit Date) for the submitting LEA 2. The student is involved in a 14 day CCE and either the 14 has not expired giving you ownership of the data during the overlapping period or the 14 days has expired and the ownership of the data has been given to the other LEA. See http://www.cde.ca.gov/ds/sp/cl/correspondence.asp for the ""CALPADS 14 Day Rule"" document.	Fatal

Revised Rule:

Rule #	Validation Rule	Description	Error Level
GERR0005	Student not owned by LEA or School during specified effective date period	1. For a submitted SINF record, the Effective Start - End date range does not fall within Primary SENR Enrollment Ownership Period (see definition below) for the submitting LEA 2. For a submitted SINF record, the Effective Start - End date range does not fall within Non-primary SENR Enrollment Ownership Period (see definition below) for the submitting LEA	Fatal

Modified input validation rule triggers on the following conditions:

1) **SINF record submission - Primary SENR Enrollment Ownership Period**
   a) SINF Effective Start Date and/or SINF Effective End Date do not fall within the Primary SENR Enrollment Ownership Period for the LEA. The Primary SENR Enrollment Ownership Period is defined as follows:
      i) Ownership period begins with the LEAs primary SENR Student School Start Date to one day prior to the Student School Start Date of the subsequent primary SENR record in a different LEA. If no subsequent primary SENR record exists, ownership continues indefinitely.
      ii) If the LEAs primary SENR record is earliest primary SENR enrollment in CALPADS, ownership period also extends indefinitely before the primary SENR Student School Start Date even if an earlier non-primary enrollment exist.
   b) If a user is a School Level user, the ownership rules apply only to the school(s) assigned to the user. If the user is an LEA Level user, the ownership rules applies to all schools within the LEA.
   c) Short term enrollments greater than 30 days are treated as primary enrollments
   d) Primary SENR enrollment records where Student Exit Reason Code = N470 and the Student School Exit Date equals to or is one day prior to Student School Start Date are ignored.

2) **SINF record submission - Non-Primary SENR Enrollment Ownership Period *(Enrollment Status = Secondary, Short Term, or Receiving Specialized Services)***
   a) SINF Effective Start Date and/or SINF Effective End Date do not fall within the Non-primary SENR Enrollment Ownership Period for the LEA. The Non-primary SENR Enrollment Ownership Period is defined as follows:
      i) Non-primary SENR Ownership Period exists only if the LEAs non-primary SENR enrollment period (Student School Start Date to Student School Exit Date) does not overlap a primary SENR enrollment period at a different LEA.
      ii) Ownership period begins with the LEA's non-primary SENR Student School Start Date to one day prior to the Student School Start Date of the subsequent primary SENR record in a different LEA. If no subsequent primary SENR record exists, ownership continues indefinitely.
      iii) If the LEAs non-primary SENR record is the earliest non-primary SENR enrollment in CALPADS, ownership period extends indefinitely before the non-primary SENR Student School Start Date,
      iv) Non-primary ownership periods may overlap if two or more non-primary SENR enrollment records exist in two or more LEAs.
      v) Primary SENR Enrollment Ownership Period may overlap a Non-primary SENR Enrollment Ownership Period in a different LEA.

b) If a user is a School Level user, the ownership rules apply only to the school(s) assigned to the user. If the user is a LEA Level user, the ownership rules applies to all schools within the LEA.

3) IVR will trigger on upload and posting

Please review Section 4 SINF Processing Change for scenario diagrams of the revised SINF ownership processing rules.

3 CCE 14 Day Rule Change

With the revised SINF ownership rules, the CCE 14 day rule will no longer be applied to the SINF submission process. LEAs will be able to submit SINF additions or updates at any time based on the SINF ownership rules summarized in Section 2.2 above.

The CCE 14 day rule for SENR record submissions and anomaly reporting has not changed. CALPADS will continue to process two or more overlapping open primary enrollment records in different LEAs as follows:

- CCE will continue to be reported against all LEAs involved for 14 days
- After the 14 day period has expired, the sending LEA(s) will continue to receive a CCE anomaly and the receiving LEA (or the enrollment with the latest Student School Start Date) will no longer be charged with the CCE anomaly.
- Short Term enrollment over 30 days (enrollment duration) will be treated as a Primary enrollment for CCE processing.
- Existing primary enrollments with an N470 Student Exit Reason Code and a Student School Exit Date equal to or one day prior to the Student School Start Date will be ignored as a primary enrollment and not included in the CCE processing.

4 SINF Processing Change and Scenario Overview

4.1 SINF Submission Processing Change Summary

The SINF submission processing has been modified as follows:

- CALPADS determines SINF ownership based on the primary SENR record's Student School Start Date and the subsequent SENR record's Student School Start Date at another LEA (Start date to start date processing). When a non-primary SENR record exists without overlapping a primary SENR enrollment record at another LEA, CALPADS determines SINF ownership based on the non-primary SENR enrollment period. See *Primary SENR enrollment ownership period* and *Non-primary SENR enrollment ownership period* definitions in Section 2.2 SINF Update
- SINF processing rules no longer require the SINF transaction include an Effective End Date for any SINF data submission. CALPADS will calculate the

SINF Effective End Date (if no Effective End Date is provided) based on the revised SINF *Primary SENR enrollment ownership period* ownership rules.

- SINF Effective End Date calculation will calculate the Effective End Date to be one day prior to the Student School Start Date of the next subsequent primary SENR record within the LEA or at another LEA. Within the LEA, this will prevent unintentional replacement of historical transactions.
- An open SINF record will always exist for each SSID in CALPADS.

4.2 SENR and SINF Processing Scenarios

Attachment 1 provides SENR and SINF processing scenarios illustrating the transaction results and SINF ownership results after various types of LEA data submissions. The following processing categories are illustrated in Attachment 1:

- Insert Primary SENR - Insertion of a new Primary SENR record in the ODS
- Insert Non-Primary SENR – Insertion of a new Non-Primary SENR record in the ODS
- Update Primary SENR - Update of a Student School Start Date for an existing ODS SENR record
- Delete Primary SENR - Deletion of an existing ODS SENR record
- Insert/Update SINF - Insertion a new SINF record in the ODS or an update of an existing ODS SINF record
- Delete SINF - Deletion of an existing ODS SINF record

Within each processing category (i.e., Insert Primary SENR), one or more processing scenarios are depicted to illustrate the transaction results and each scenario identifies the following information:

- Snapshot of data in the ODS (background in **pale blue**)
- Record submitted to CALPADS
- Snapshot of data in the ODS after the CALPADS processing
- SINF record changes (if applicable)
- LEA 1 Ownership rules
- LEA 2 Ownership rules
- LEA 3 Ownership rules (if applicable)

Attachment 1

SENR and SINF Processing Scenario Diagrams

Legend

Line Terminators

Closed SENR Record

Open SENR Record

Closed SINF Record

Open SINF Record

SINF Ownership

Legend

Line Notation	LEA	Description
SENR Data		
	LEA 1	Line Terminator and color represents the following data: - New Closed SENR record submitted by LEA 1 on Insert Primary SENR tab - Update to existing Closed SENR record submitted by LEA 1 on Update SENR tab - Existing Closed ODS SENR record for LEA 1 on Delete SENR tab
	LEA 1	Line Terminator and color represents the following data: - New Open SENR record submitted by LEA 1 on Insert Primary SENR tab - Update to existing Closed SENR record submitted by LEA 1 on Update SENR tab - Existing Open ODS SENR record for LEA 1 on Delete SENR tab
	LEA 1	Line Terminator and color represents the following data: - Existing Closed ODS SENR record for LEA 1 on Insert Primary SENR tab - Existing Closed ODS SENR record for LEA 1 that is replaced by the update transaction on Update SENR tab - Submitted Delete Closed ODS SENR record for LEA 1 on the Delete SENR tab - Existing Closed ODS SENR record for LEA 1 on Insert/Update SINF tab - Existing Closed ODS SENR record for LEA 1 on Delete SINF tab
	LEA 1	Line Terminator and color represents the following data: - Submitted Insert (New) Non-primary Closed SENR record for LEA 1 on Insert Primary SENR tab
	LEA 2	Line Terminator and color represents the following data: - Existing Closed ODS SENR record for LEA 2 on Insert Primary SENR tab - Existing Closed Primary ODS SENR record for LEA 2 on Insert Non-Primary SENR tab - Existing Closed ODS SENR record for LEA 2 on Update SENR tab - Existing Closed ODS SENR record for LEA 2 on Delete SENR tab - Existing Closed ODS SENR record for LEA 2 on Insert/Update SINF tab - Existing Closed ODS SENR record for LEA 2 on Delete SINF tab
	LEA 2	Line Terminator and color represents the following data: - Existing Open ODS SENR record for LEA 2 on Insert Primary SENR tab - Existing Open ODS SENR record for LEA 2 on Update SENR tab
	LEA 2	Line Terminator and color represents the following data: - Existing Closed ODS SENR record for LEA 2 on Update SENR tab - Submitted Delete Closed ODS SENR record for LEA 2 on the Delete SENR tab

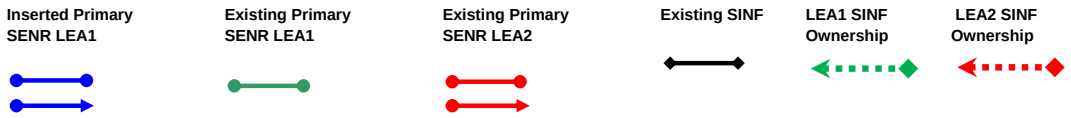
Legend

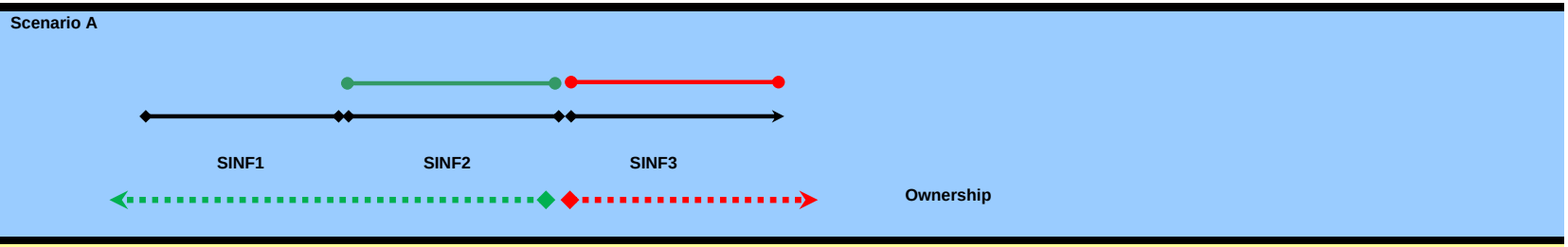
Line Notation	LEA	Description
	LEA 3	Line Terminator and color represents the following data: - Existing Closed ODS Non-Primary SENR record for LEA 3 on Insert Non-Primary SENR tab

Legend

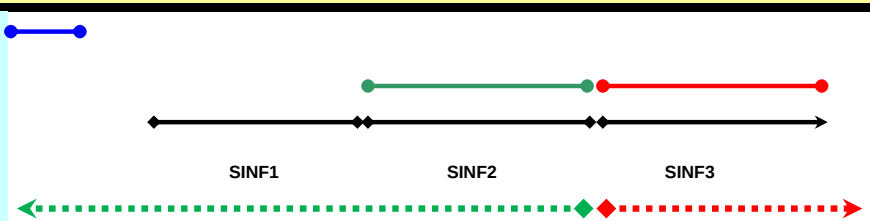
Line Notation	LEA	Description
SINF Data		
	N/A	Line Terminator and color represents the following data: - Existing Closed ODS SINF record on the Insert Primary SENR, Insert Non-Primary SENR, Update SENR, Delete SENR, Insert-Update SINF, and Delete SINF tabs
	LEA 1	Line Terminator and color represents the following data: - Submitted Closed ODS SINF record for LEA 1 on the Insert - Update SINF tab
	LEA 1	Line Terminator and color represents the following data: - Submitted Open ODS SINF record for LEA 1 on the Insert - Update SINF tab
	LEA 1	Line Terminator and color represents the following data: - Submitted Delete Closed ODS SINF record for LEA 1 on the Delete SINF tab
	LEA 2	Line Terminator and color represents the following data: - Submitted Delete Closed ODS SINF record for LEA 2 on the Delete SINF tab
SINF Ownership Data		
	LEA 1	Line Terminator and color represents the following data: - LEA 1 Ownership period of the SINF record
	LEA 1	Line Terminator and color represents the following data: - LEA 1 Ownership period of the SINF record on the Insert Non-Primary SENR tab
	LEA 2	Line Terminator and color represents the following data: - LEA 2 Ownership period of the SINF record
	LEA 3	Line Terminator and color represents the following data: - LEA 3 Ownership period of the SINF record

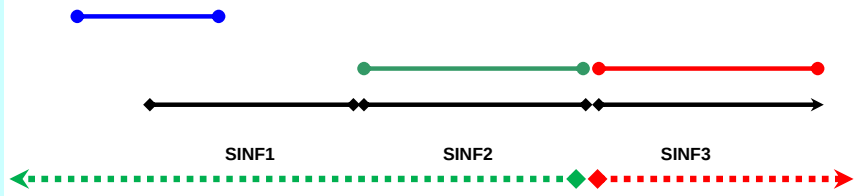
Insert Primary SENR Scenarios

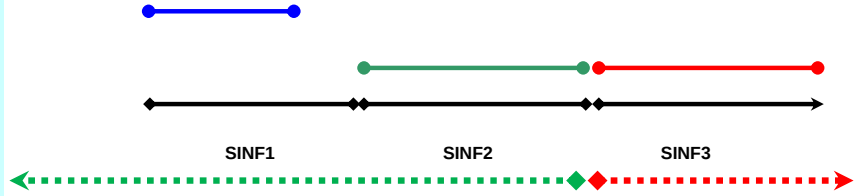




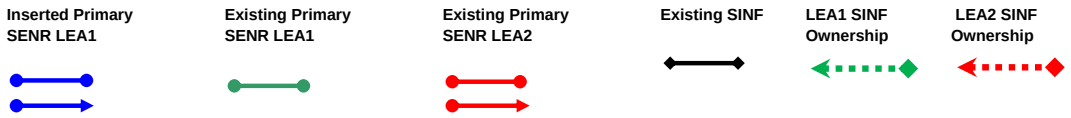
Case	SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1	No change	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)
2	No change	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)
3	No change	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)

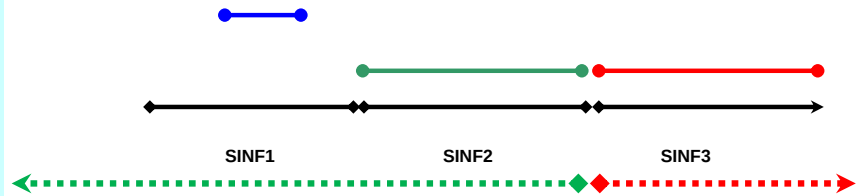
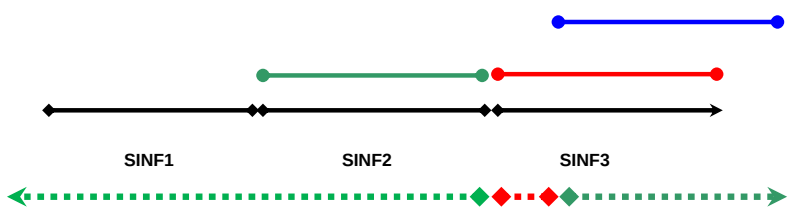
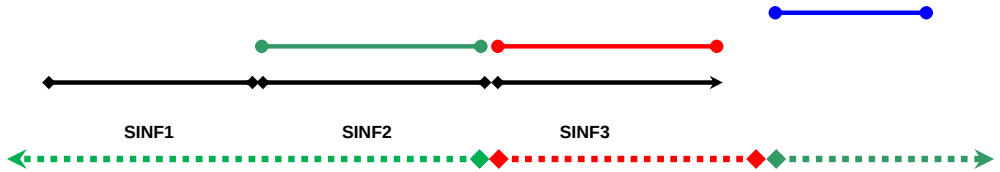
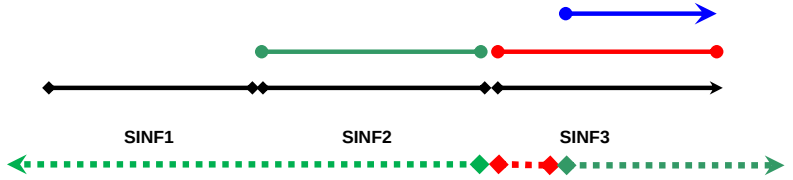




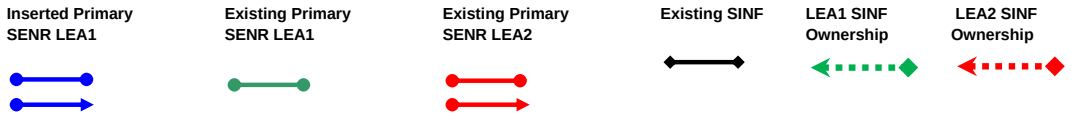


Insert Primary SENR Scenarios

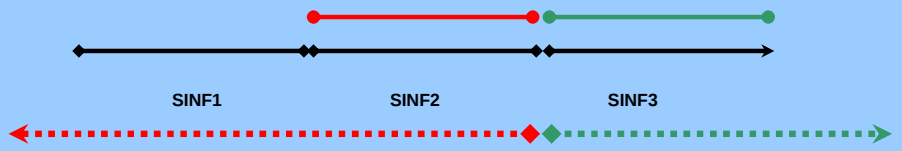


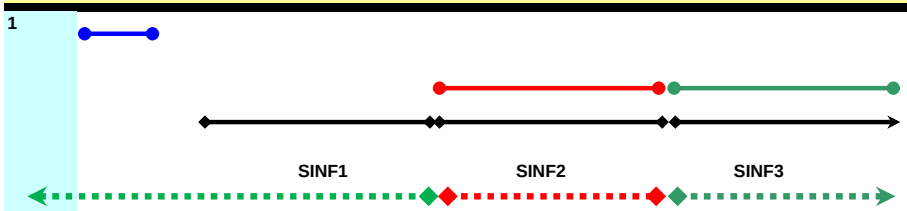
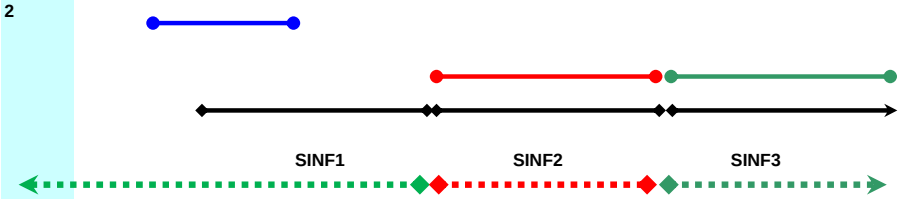
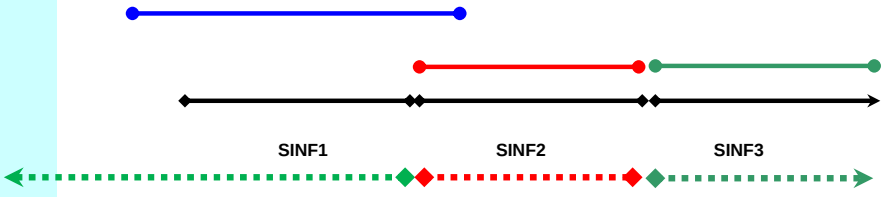
4		No change	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)
5		No change	1. All dates < start of LEA 2 (red) 2. All dates > or = start of LEA 1's second enrollment (blue)	All dates >= start of LEA 2 (red) AND < LEA 1's second enrollment (blue)
6		No change	1. All dates < start of LEA 2 (red) 2. All dates > or = start of LEA 1's second enrollment (blue)	All dates >= start of LEA 2 (red) AND < LEA 1's second enrollment (blue)
7		No change	LEA 1's new enrollment is accepted but warned with SENR0028 (inter-LEA CCE error). Ownership changes to: 1. All dates < start of LEA 2 (red) 2. All dates > or = start of LEA 1's second enrollment (blue)	LEA 1's new enrollment is accepted but warned with SENR0028 (inter-LEA CCE error). Ownership changes to: 1. All dates >= start of LEA 2 (red) AND < LEA 1's second enrollment (blue)

Insert Primary SENR Scenarios

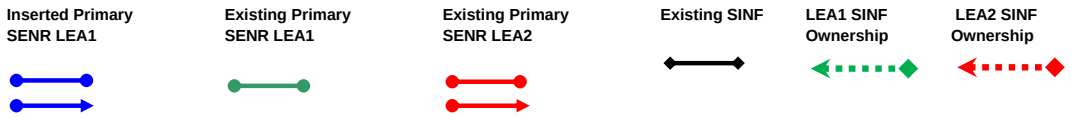


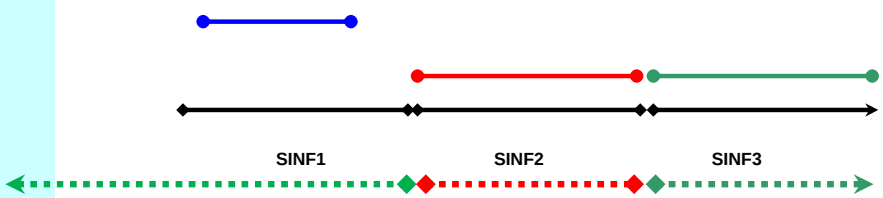
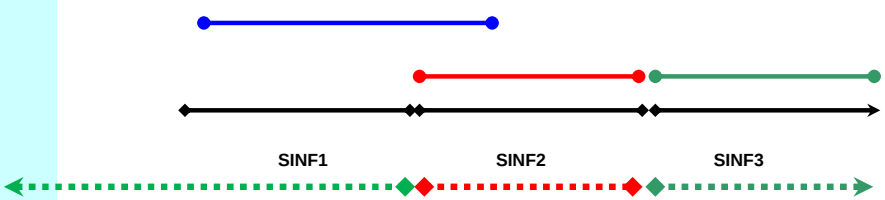
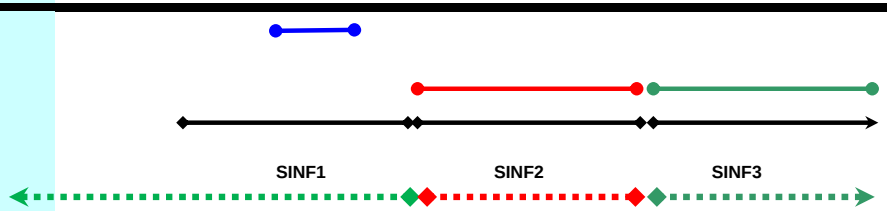
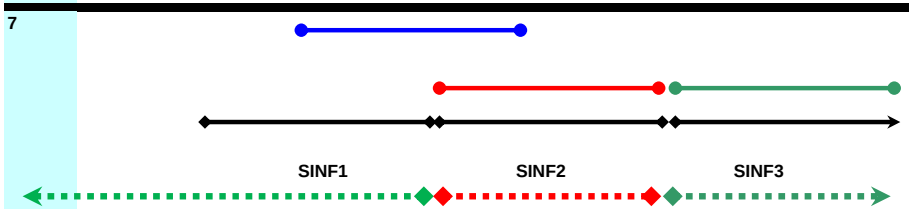
Scenario B



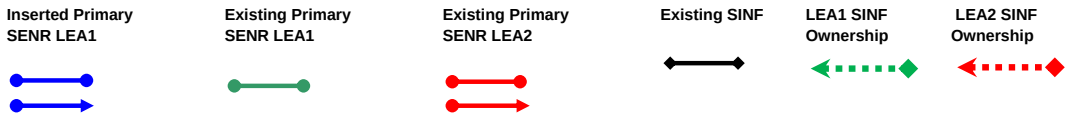
Case	SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1 	No change	1. All dates < start of LEA 2 (red) 2.all dates > or = start of existing enrollment (green)	All dates >= start of LEA 2 (red) < LEA 1's existing enrollment (green)
2 	No change	1. All dates < start of LEA 2 (red) 2.all dates > or = start of existing enrollment (green)	All dates >= start of LEA 2 (red) AND < LEA 1's existing enrollment (green)
3 	No change	1. All dates < start of LEA 2 (red) 2.all dates > or = start of existing enrollment (green)	All dates >= start of LEA 2 (red) < LEA 1's existing enrollment (green)

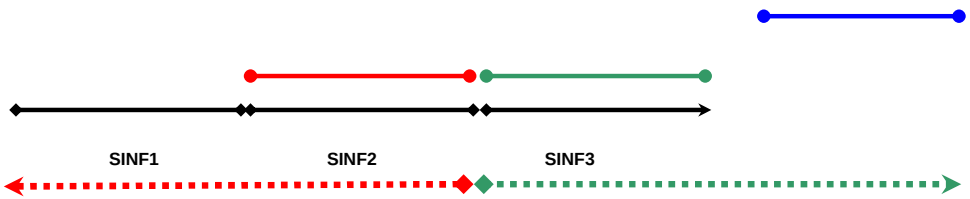
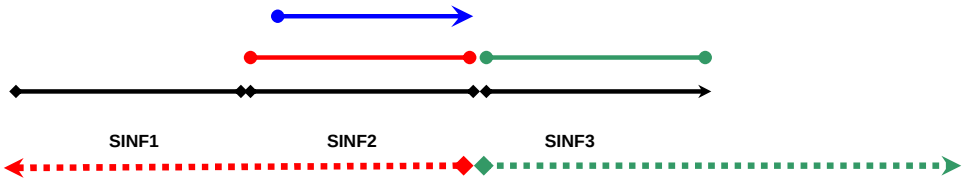
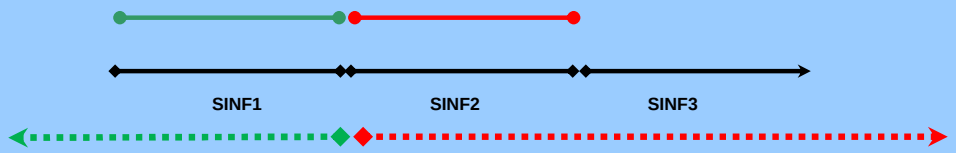
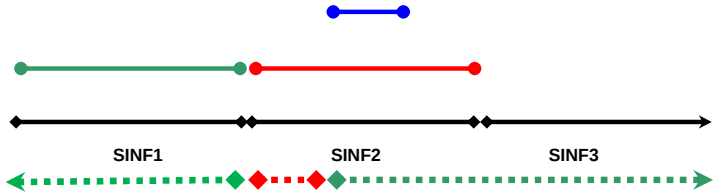
Insert Primary SENR Scenarios



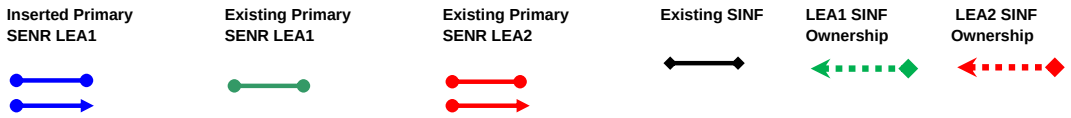
4		No change	1. All dates < start of LEA 2 (red) 2.all dates > or = start of existing enrollment (green)	All dates >= start of LEA 2 (red) AND < LEA 1's existing enrollment (green)
5		No change	1. All dates < start of LEA 2 (red) 2.all dates > or = start of existing enrollment (green)	All dates >= start of LEA 2 (red) AND < LEA 1's existing enrollment (green)
6		No change	1. All dates < start of LEA 2 (red) 2.all dates > or = start of existing enrollment (green)	All dates >= start of LEA 2 (red) AND < LEA 1's existing enrollment (green)
7		No change	1. All dates < start of LEA 2 (red) 2.all dates > or = start of existing enrollment (green)	All dates >= start of LEA 2 (red) AND < LEA 1's existing enrollment (green)

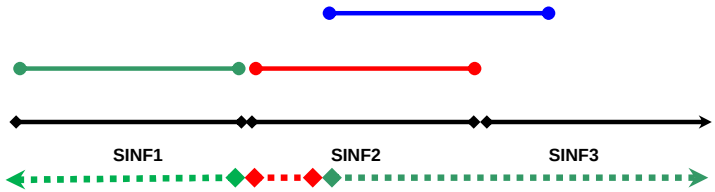
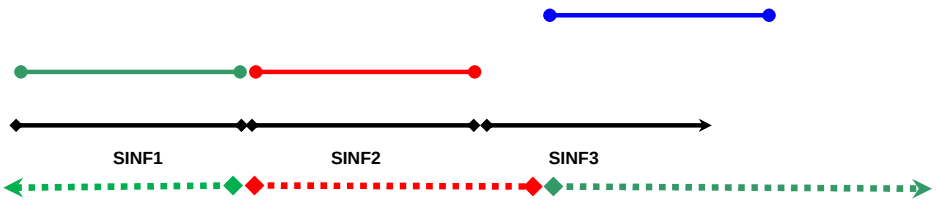
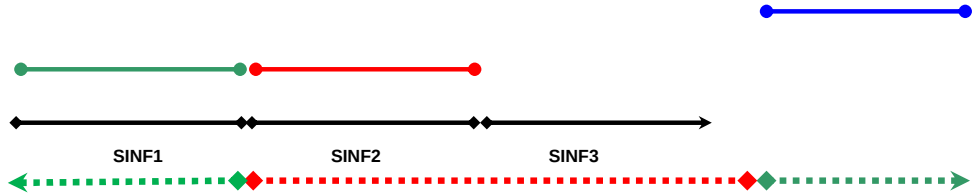
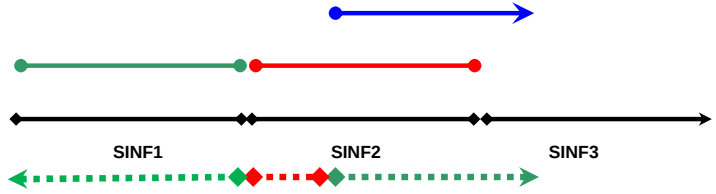
Insert Primary SENR Scenarios



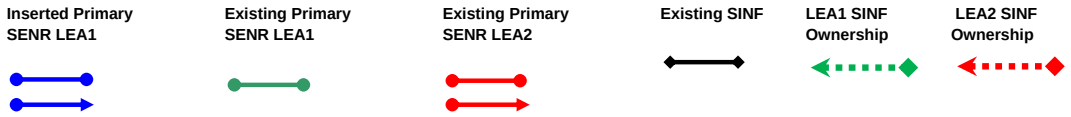
8		No change	All dates > or = start of LEA 1's existing enrollment (green)	All dates < LEA 1's existing enrollment (green)
9		No change	LEA 1's new enrollment is rejected with SENR0027 (intra-LEA CCE error), therefore no change in ownership: All dates > or = start of LEA 1's existing enrollment (green)	LEA 1's new enrollment is rejected with SENR0027 (intra-LEA CCE error), therefore no change in ownership: All dates < LEA 1's existing enrollment (green)
Scenario C				
				
Case		**SINF record changes**	**LEA 1 Ownership**	**LEA 2 Ownership**
1		No Change	1. All dates < start of LEA 2's enrollment (red) 2. All dates > = start of LEA 1's second enrollment (blue)	All dates > or = start of LEA 2's enrollment (red) AND < start of LEA 1's second enrollment (blue)

Insert Primary SENR Scenarios

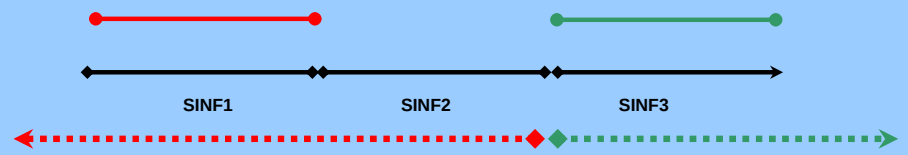


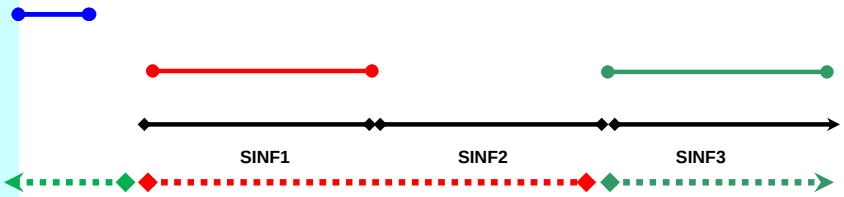
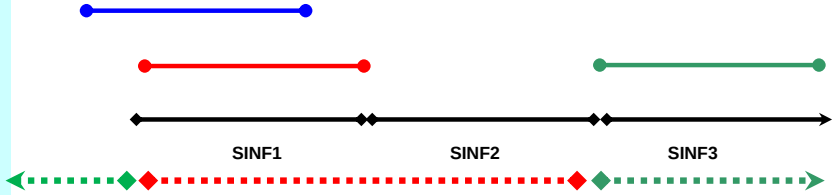
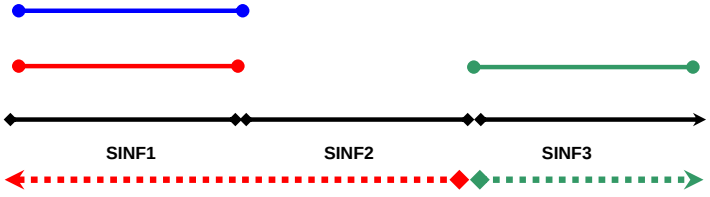
2		No Change	1. All dates < start of LEA 2's enrollment (red) 2. All dates > = start of LEA 1's second enrollment (blue)	All dates > or = start of LEA 2's enrollment (red) AND < start of LEA 1's second enrollment (blue)
3		No Change	1. All dates < start of LEA 2's enrollment (red) 2. All dates > = start of LEA 1's second enrollment (blue)	All dates > or = start of LEA 2's enrollment (red) AND < start of LEA 1's second enrollment (blue)
4		No Change	1. All dates < start of LEA 2's enrollment (red) 2. All dates > = start of LEA 1's second enrollment (blue)	All dates > or = start of LEA 2's enrollment (red) AND < start of LEA 1's second enrollment (blue)
5		No Change	LEA 1's new enrollment is accepted but warned with SENR0028 (inter-LEA CCE error). Ownership changes to: 1. All dates < start of LEA 2's enrollment (red) 2. All dates > = start of LEA 1's second enrollment (blue)	LEA 1's new enrollment is accepted but warned with SENR0028 (inter-LEA CCE error). Ownership changes to: 1. All dates > or = start of LEA 2's enrollment (red) AND < start of LEA 1's second enrollment (blue)

Insert Primary SENR Scenarios

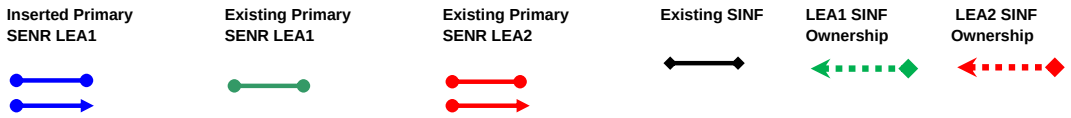


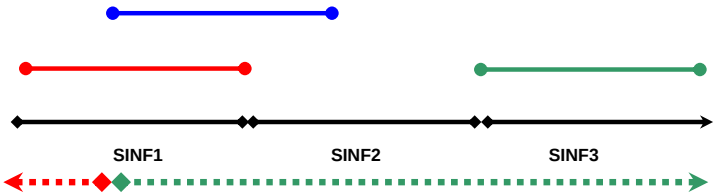
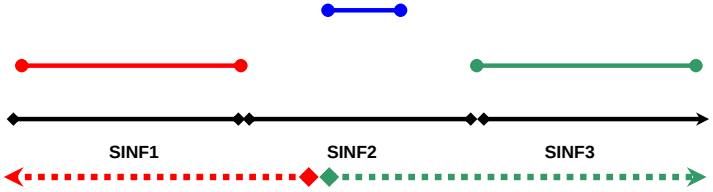
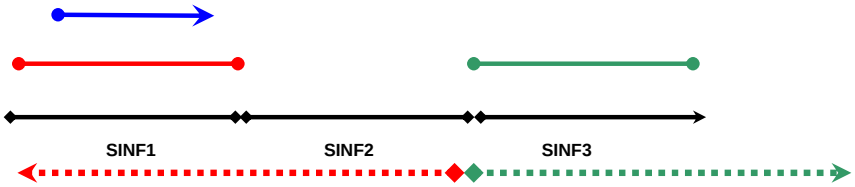
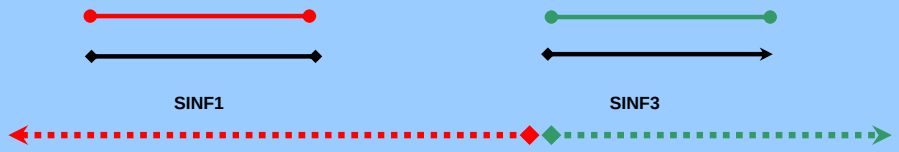
Scenario D



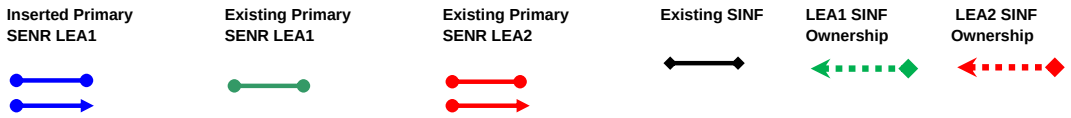
Case		SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1		No Change	1. All dates < start of LEA 2's enrollment (red) 2. All dates > = start of LEA 1's existing enrollment (green)	All dates > or = start of LEA 2's enrollment (red) AND < start of LEA 1's existing enrollment (green)
2		No Change	1. All dates < start of LEA 2's enrollment (red) 2. All dates > = start of LEA 1's existing enrollment (green)	All dates > or = start of LEA 2's enrollment (red) AND < start of LEA 1's existing enrollment (green)
3		No Change	LEA 1's new enrollment is rejected with SENR0037 (same start date of LEA 2 enrollment) , therefore no change in ownership: All dates > = start of LEA 1's existing enrollment (green)	LEA 1's new enrollment is rejected with SENR0037 (same start date of LEA 2 enrollment), therefore no change in ownership: All dates < start of LEA 1's existing enrollment (green)

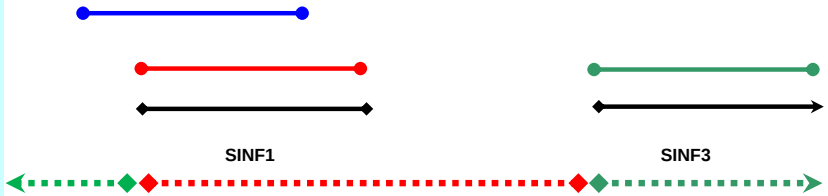
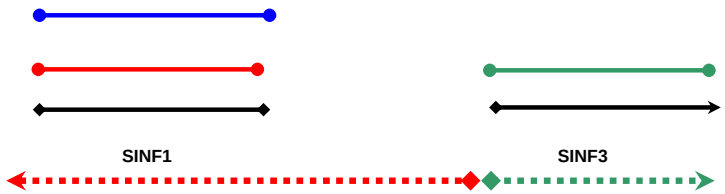
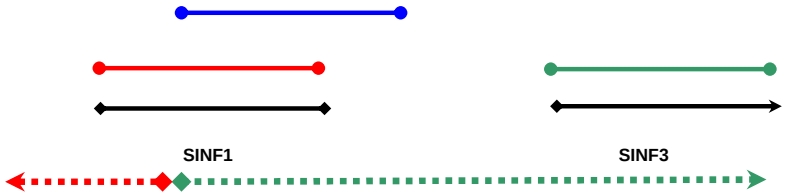
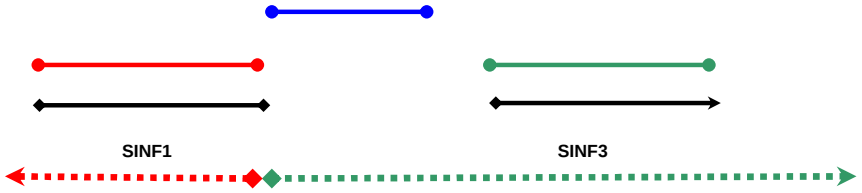
Insert Primary SENR Scenarios



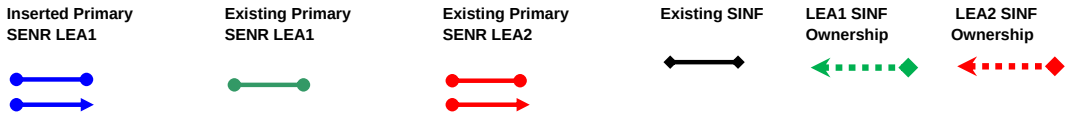
Case		SINF record changes	LEA 1 Ownership	LEA 2 Ownership
4		No Change	All dates > = start of LEA 1's new enrollment (blue)	All dates < start of LEA 1's new enrollment (blue)
5		No Change	All dates > = start of LEA 1's new enrollment (blue)	All dates < start of LEA 1's new enrollment (blue)
6		No Change	LEA 1's new enrollment is rejected with SENR0027 (intra-LEA CCE error), therefore no change in ownership: All dates > = start of LEA 1's existing enrollment (green)	LEA 1's new enrollment is rejected with SENR0027 (intra-LEA CCE error), therefore no change in ownership: All dates < start of LEA 1's existing enrollment (green)
Scenario E				

Insert Primary SENR Scenarios

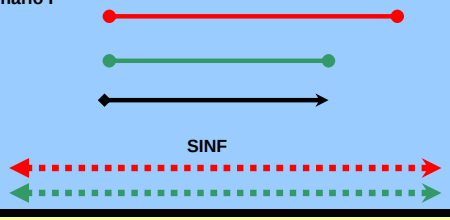


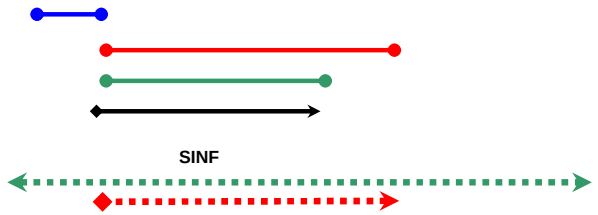
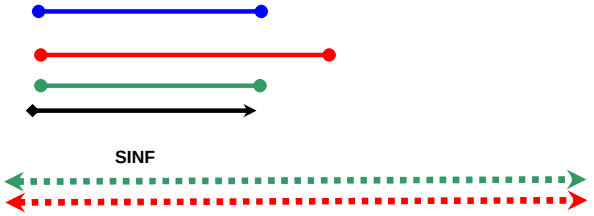
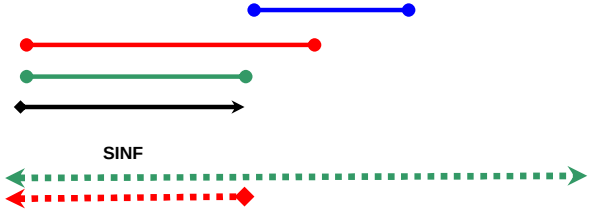
1		No Change	1. All dates < start of LEA 2's enrollment (red) 2. All dates > = start of LEA 1's existing enrollment (green)	All dates > or = start of LEA 2's enrollment (red) AND < start of LEA 1's existing enrollment (green)
2		No Change	LEA 1's new enrollment is rejected with SENR0037 (same start date of LEA 2 enrollment) , therefore no change in ownership: All dates > = start of LEA 1's existing enrollment (green)	LEA 1's new enrollment is rejected with SENR0037, therefore no change in ownership: All dates < start of LEA 1's existing enrollment (green)
3		No Change	All dates > or = start of LEA 1's new enrollment (blue)	All dates < start of LEA 1's new enrollment (blue)
4		No Change	All dates > or = start of LEA 1's new enrollment (blue)	All dates < start of LEA 1's new enrollment (blue)

Insert Primary SENR Scenarios

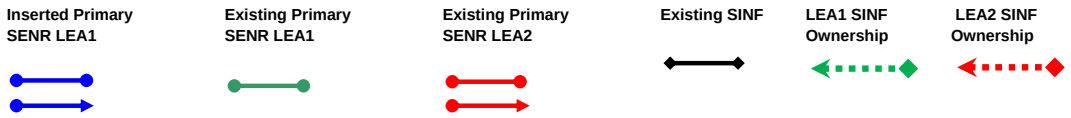


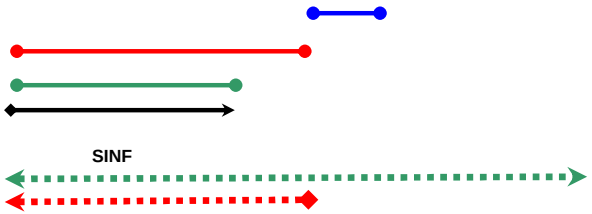
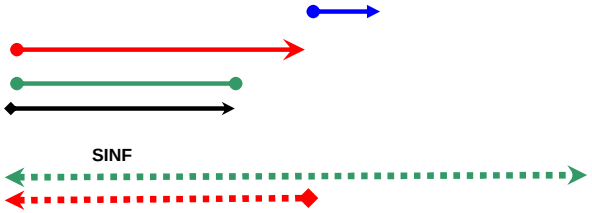
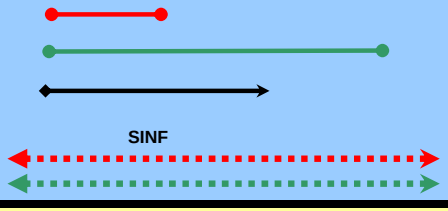
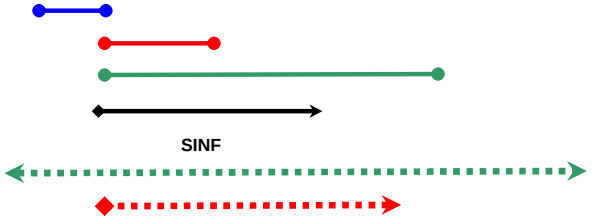
Scenario F



Case	SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1 	No Change	All dates (joint ownership with LEA 2 ownership period)	All dates > = start of LEA 2's enrollment (red) (and jointly with LEA 1 during LEA 2 ownership)
2 	No Change	LEA 1's new enrollment is rejected with SENR0027 (intra-LEA CCE error), therefore no change in ownership: All dates (joint ownership with LEA 2 ownership period)	LEA 1's new enrollment is rejected with SENR0027 (intra-LEA CCE error), therefore no change in ownership: All dates (joint ownership with LEA 2 ownership period)
3 	No Change	LEA 1's new enrollment is accepted but warned with SENR0028 (inter-LEA CCE error). Ownership changes to: All dates (joint ownership with LEA 2 ownership period)	LEA 1's new enrollment is accepted but warned with SENR0028 (inter-LEA CCE error). Ownership changes to: All dates < start of LEA 1's new enrollment (blue) (and jointly with LEA 1)

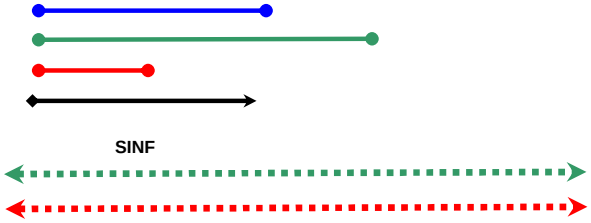
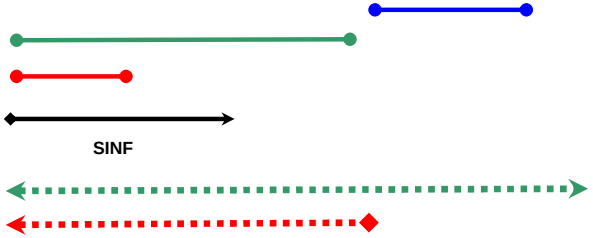
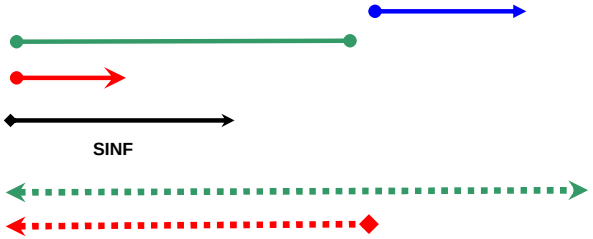
Insert Primary SENR Scenarios



4		No Change	All dates (joint ownership with LEA 2 ownership period)	All dates < start of LEA 1's new enrollment (blue) (and jointly with LEA 1)
5		No Change	LEA 1's new enrollment is accepted but warned with SENR0028 (inter-LEA CCE error). Ownership changes to: All dates (joint ownership with LEA 2 ownership period)	LEA 1's new enrollment is accepted but warned with SENR0028 (inter-LEA CCE error). Ownership changes to: All dates < start of LEA 1's new enrollment (blue) (and jointly with LEA 1)
Scenario G				
Case		**SINF record changes**	**LEA 1 Ownership**	**LEA 2 Ownership**
1		No Change	All dates (joint ownership with LEA 2 ownership period)	All dates > = start of LEA 2's enrollment (red) (and jointly with LEA 1 during LEA 2 ownership)

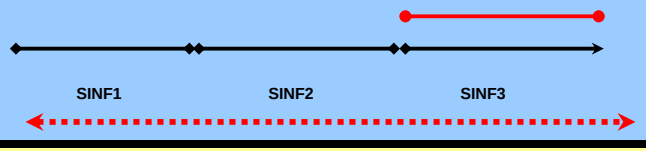
Insert Primary SENR Scenarios

Inserted Primary SENR LEA1	Existing Primary SENR LEA1	Existing Primary SENR LEA2	Existing SINF	LEA1 SINF Ownership	LEA2 SINF Ownership

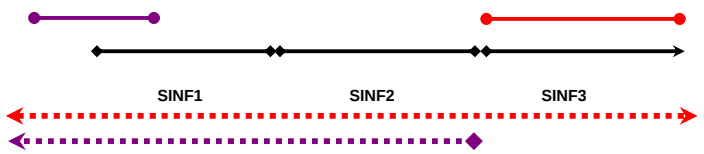
2		No Change	LEA 1's new enrollment is rejected with SENR0027 (intra-LEA CCE error), therefore no change in ownership: All dates (joint ownership with LEA 2 ownership period)	LEA 1's new enrollment is rejected with SENR0027 (intra-LEA CCE error), therefore no change in ownership: All dates (joint ownership with LEA 2 ownership period)
3		No Change	All dates (joint ownership with LEA 2 ownership period)	All dates < start of LEA 1's new enrollment (blue) (and jointly with LEA 1)
4		No Change	LEA 1's new enrollment is accepted but warned with SENR0028 (inter-LEA CCE error). Ownership changes to: All dates (joint ownership with LEA 2 ownership period)	All dates < start of LEA 1's new enrollment (blue) (and jointly with LEA 1)

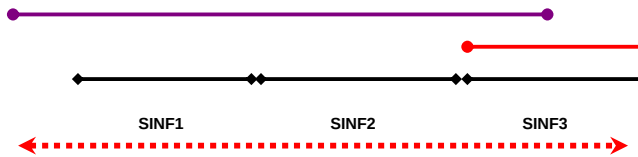
Insert Non-Primary SENR Scenarios

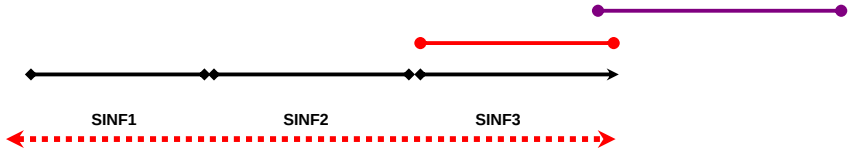
Scenario A



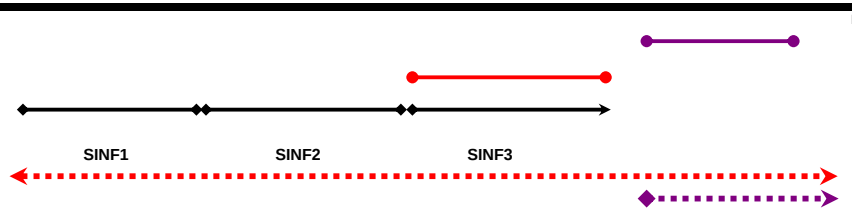
Case	SINF record changes	LEA 1 Ownership	LEA 2 Ownership	LEA 3 Ownership
1	No change	All dates < start of LEA 2 (red)	All dates	No dates
2	No change	No dates	All dates	No dates
3	No change	No dates	All dates	No dates



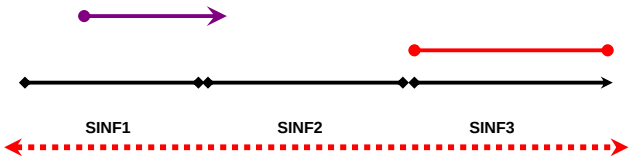




Insert Non-Primary SENR Scenarios

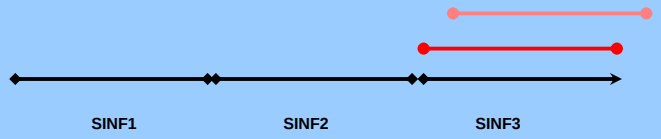


4	No change	All dates > or = start of LEA 1's non-primary SENR (purple)	All dates	No dates

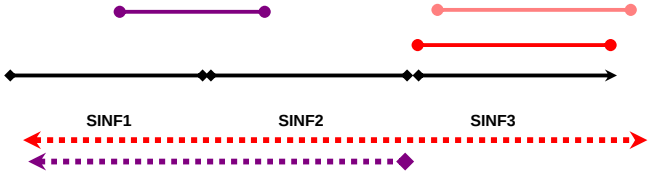


5	No change	No dates	All dates	No dates

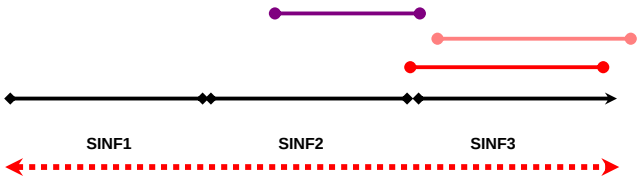
Scenario B



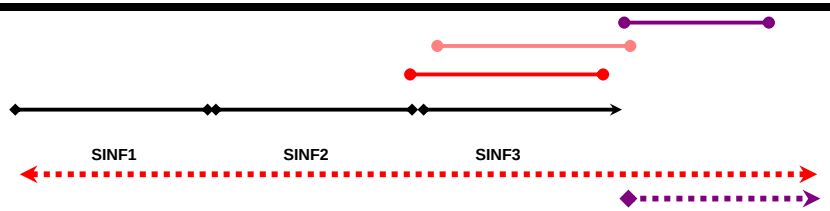
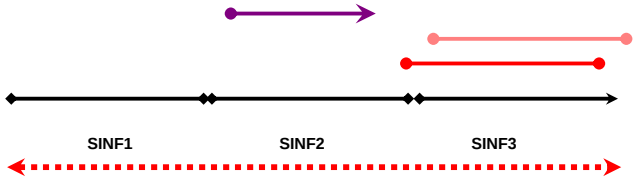
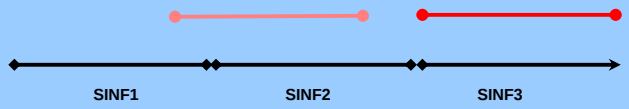
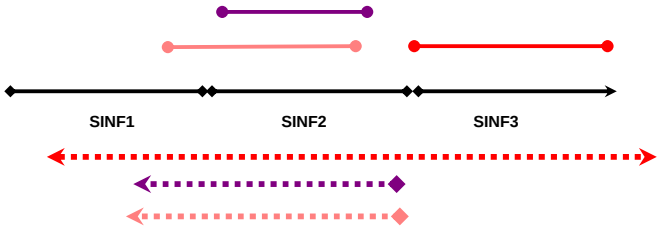
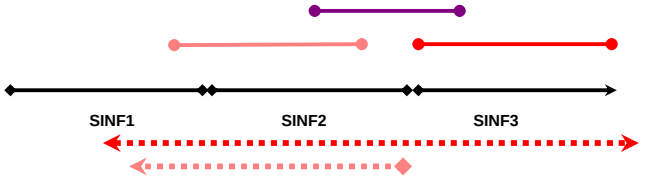
Case	SINF record changes	LEA 1 Ownership	LEA 2 Ownership	LEA 3 Ownership
1	No change	1. All dates < start of LEA 2 (red)	All dates	No dates



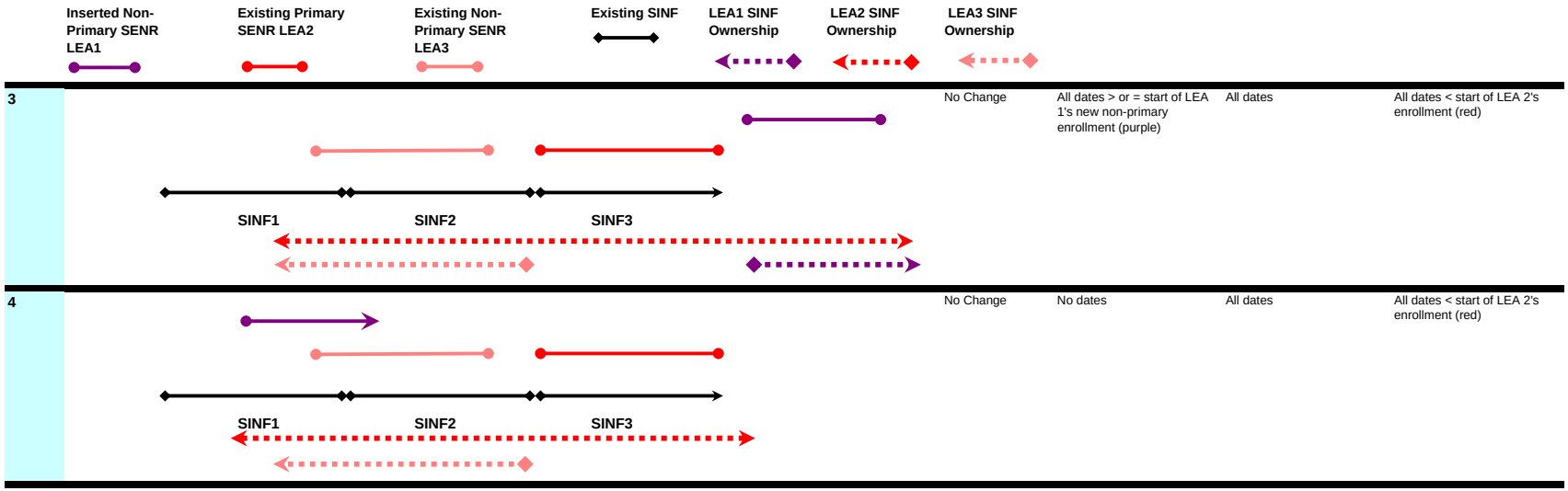
2	No change	No dates	All dates	No dates



Insert Non-Primary SENR Scenarios

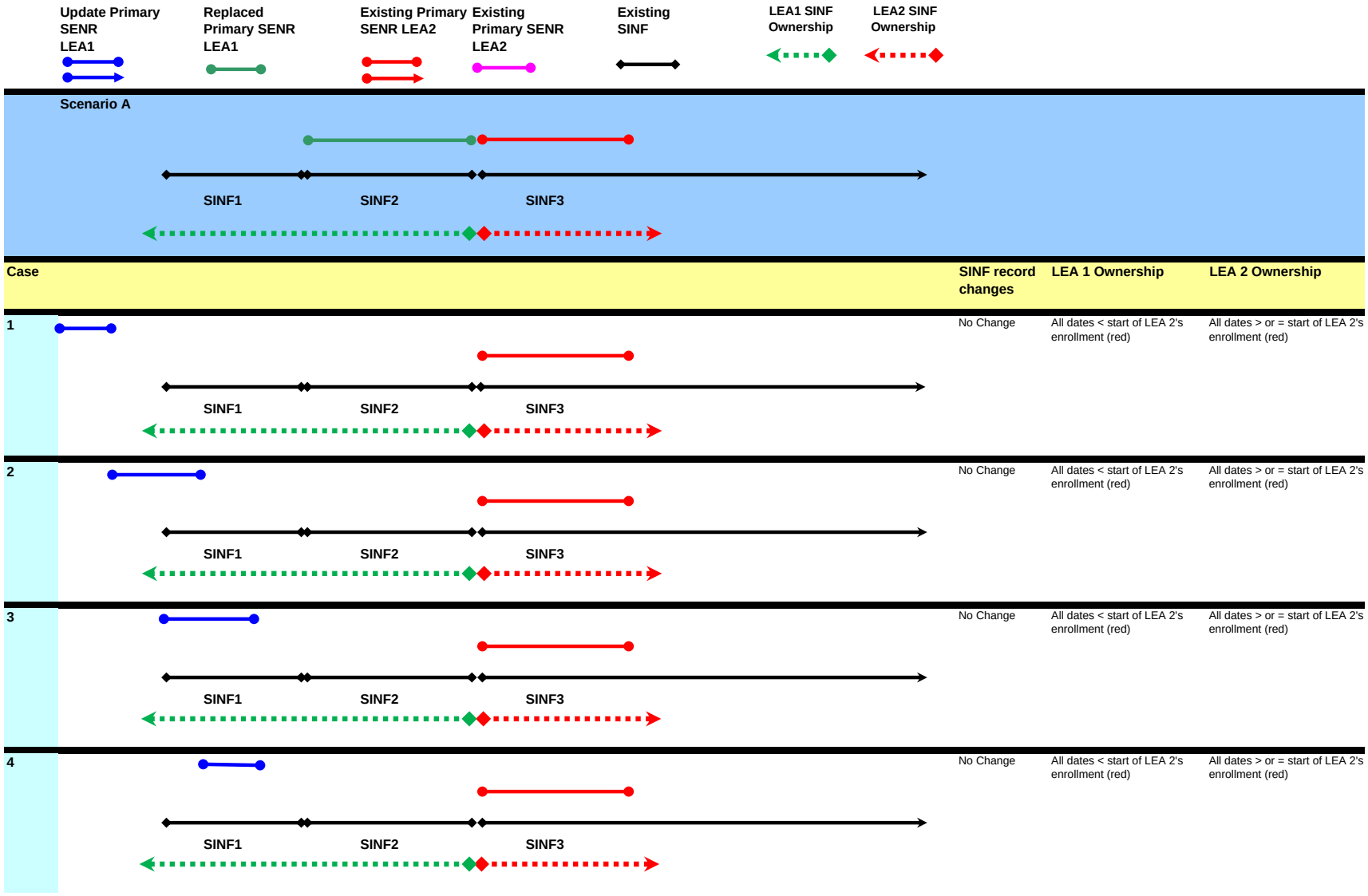
Case		SINF record changes	LEA 1 Ownership	LEA 2 Ownership	LEA 3 Ownership
3		No change	All dates > or = start of LEA 1's new non-primary enrollment (purple)	All dates	No dates
4		No change	No dates	All dates	No dates
Scenario C					
1		No Change	All dates (joint ownership with LEA 3) < start of LEA 2's enrollment (red)	All dates	All dates (joint ownership with LEA 2) < start of LEA 2's enrollment (red)
2		No Change	No dates	All dates	All dates < start of LEA 2's enrollment (red)

Insert Non-Primary SENR Scenarios

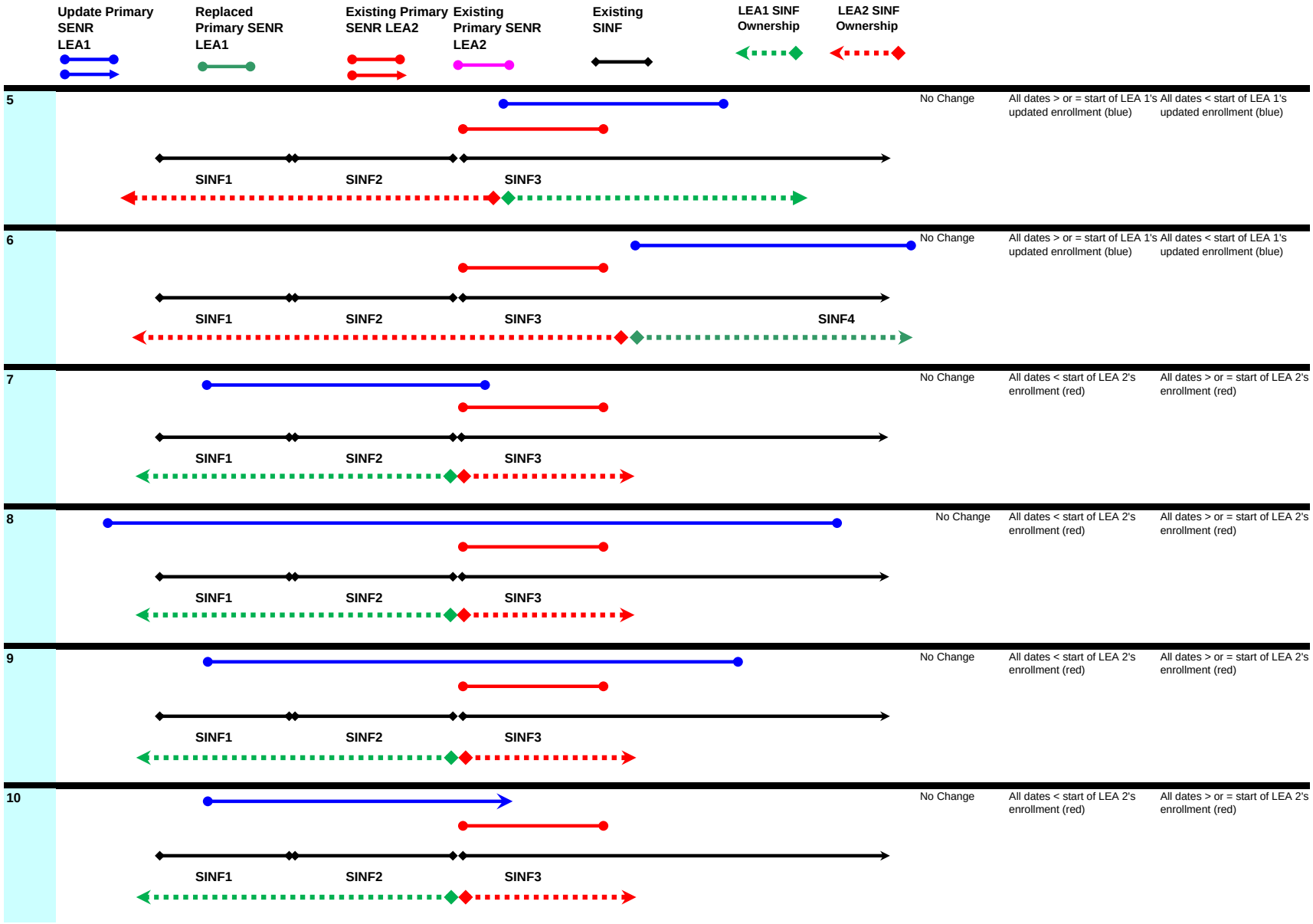


3	No Change	All dates > or = start of LEA 1's new non-primary enrollment (purple)	All dates	All dates < start of LEA 2's enrollment (red)
4	No Change	No dates	All dates	All dates < start of LEA 2's enrollment (red)

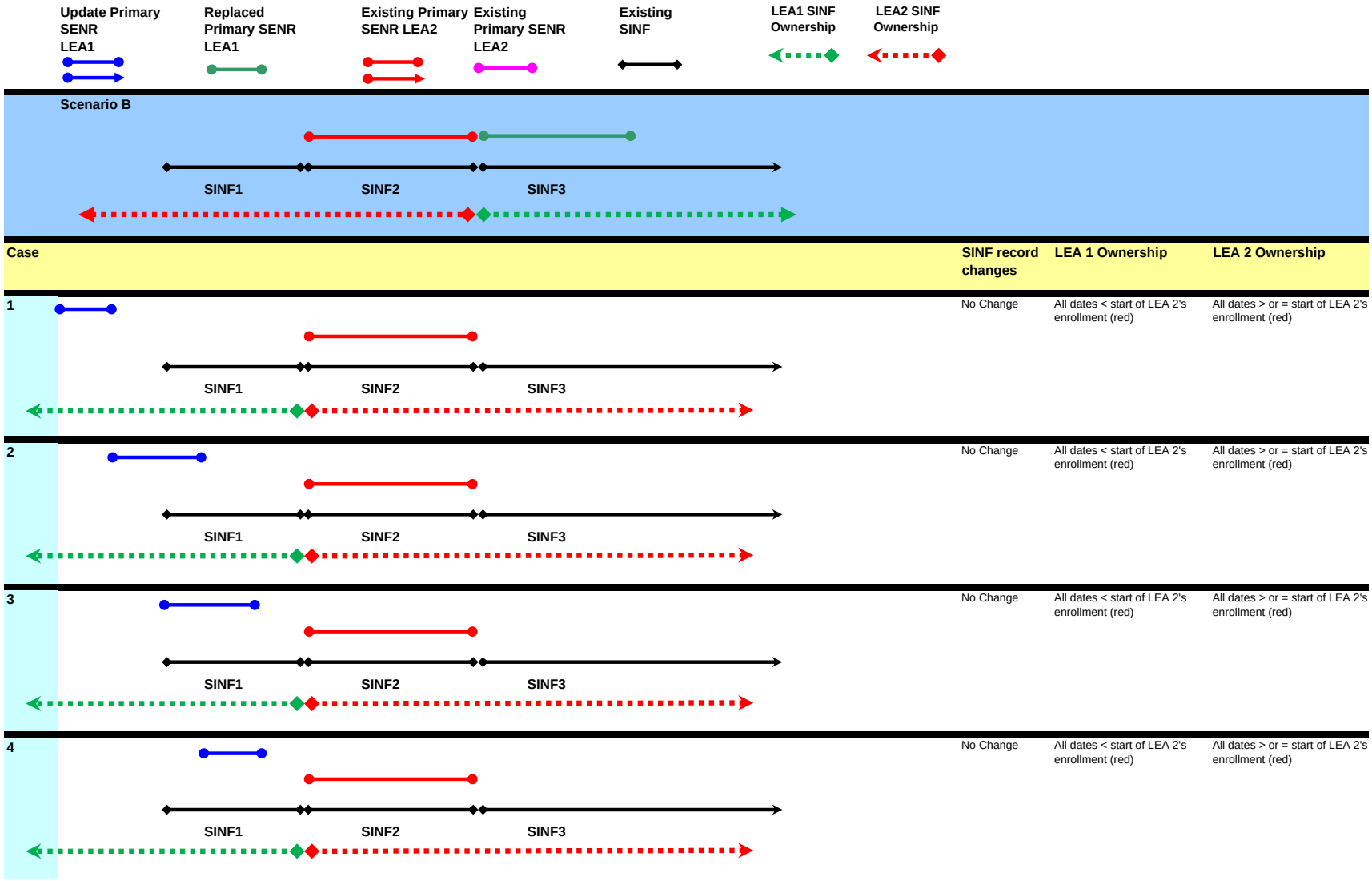
Update Primary SENR Scenarios



Update Primary SENR Scenarios

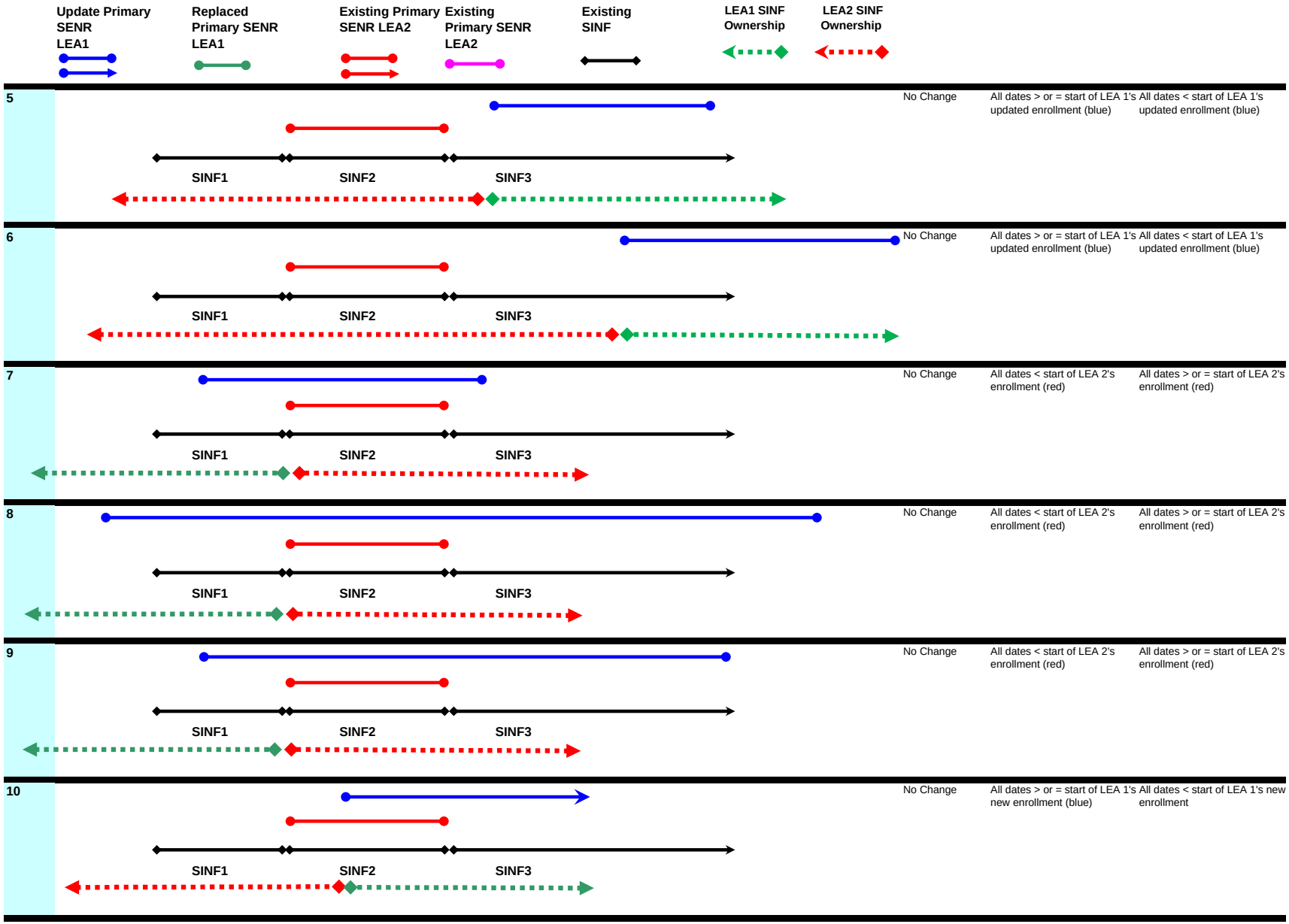


Update Primary SENR Scenarios

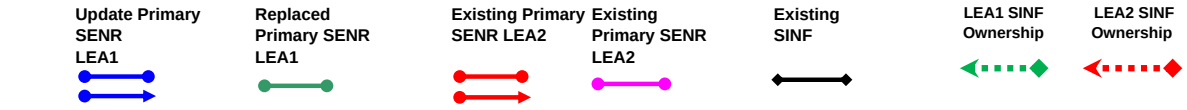


Case	SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1	No Change	All dates < start of LEA 2's enrollment (red)	All dates > or = start of LEA 2's enrollment (red)
2	No Change	All dates < start of LEA 2's enrollment (red)	All dates > or = start of LEA 2's enrollment (red)
3	No Change	All dates < start of LEA 2's enrollment (red)	All dates > or = start of LEA 2's enrollment (red)
4	No Change	All dates < start of LEA 2's enrollment (red)	All dates > or = start of LEA 2's enrollment (red)

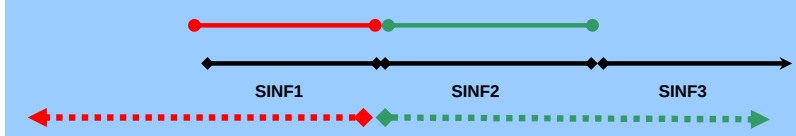
Update Primary SENR Scenarios

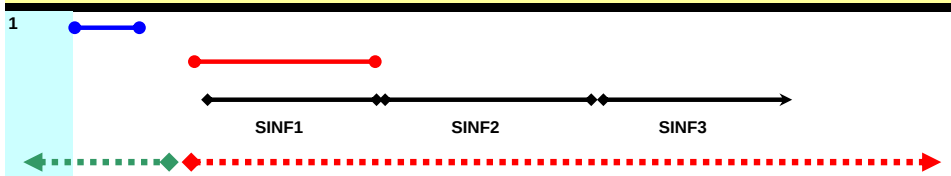
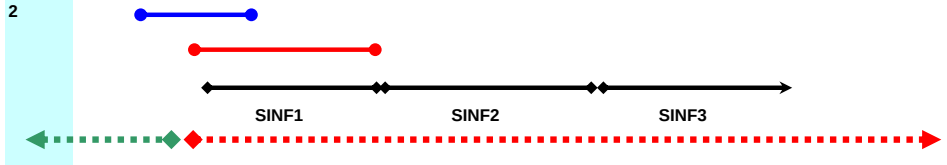
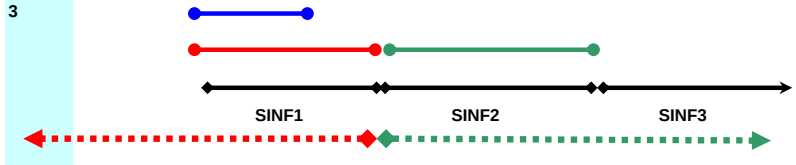
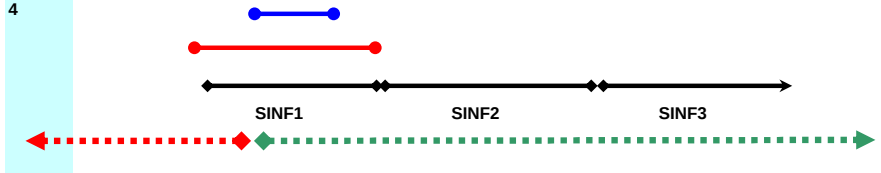


Update Primary SENR Scenarios

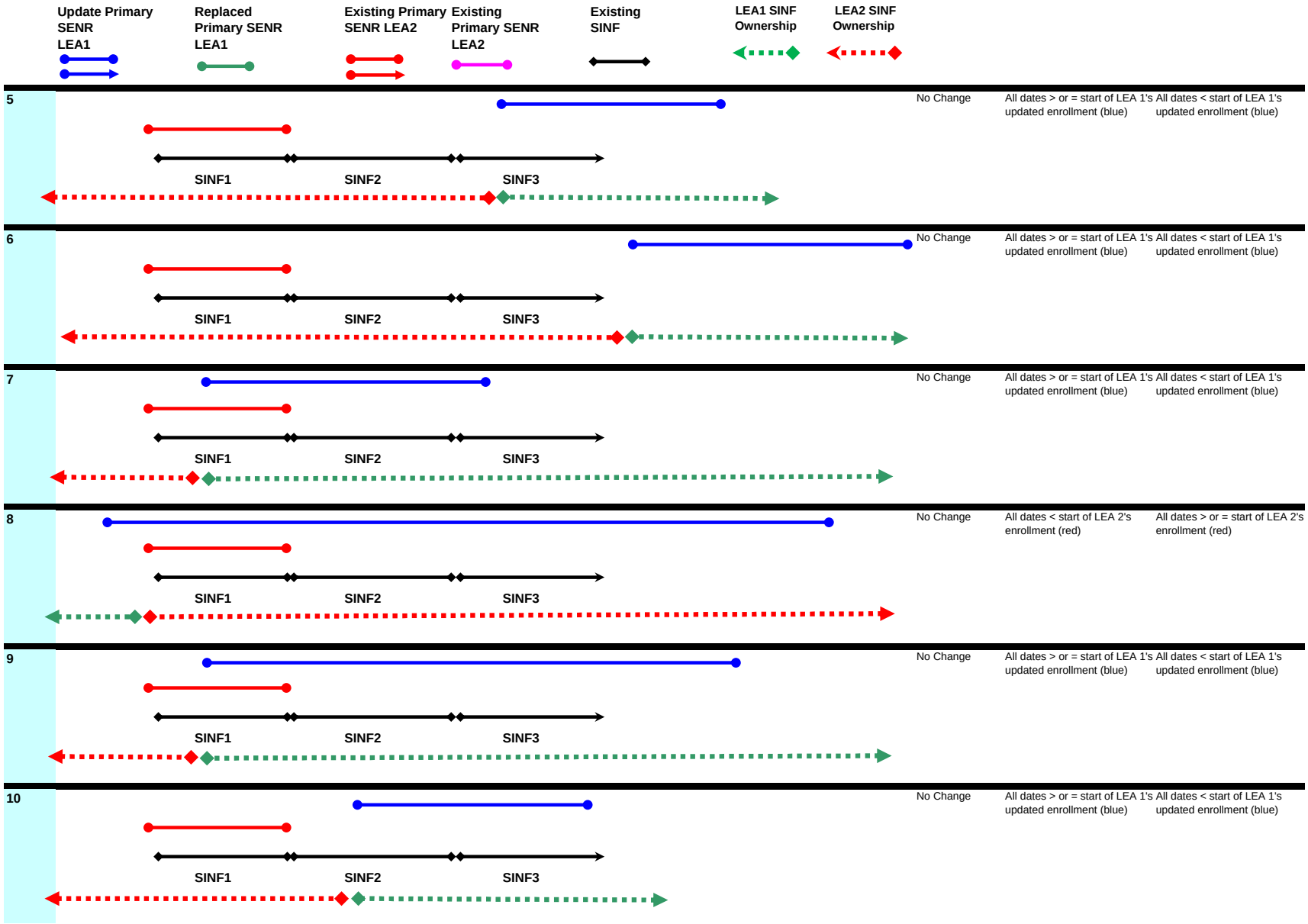


Scenario C

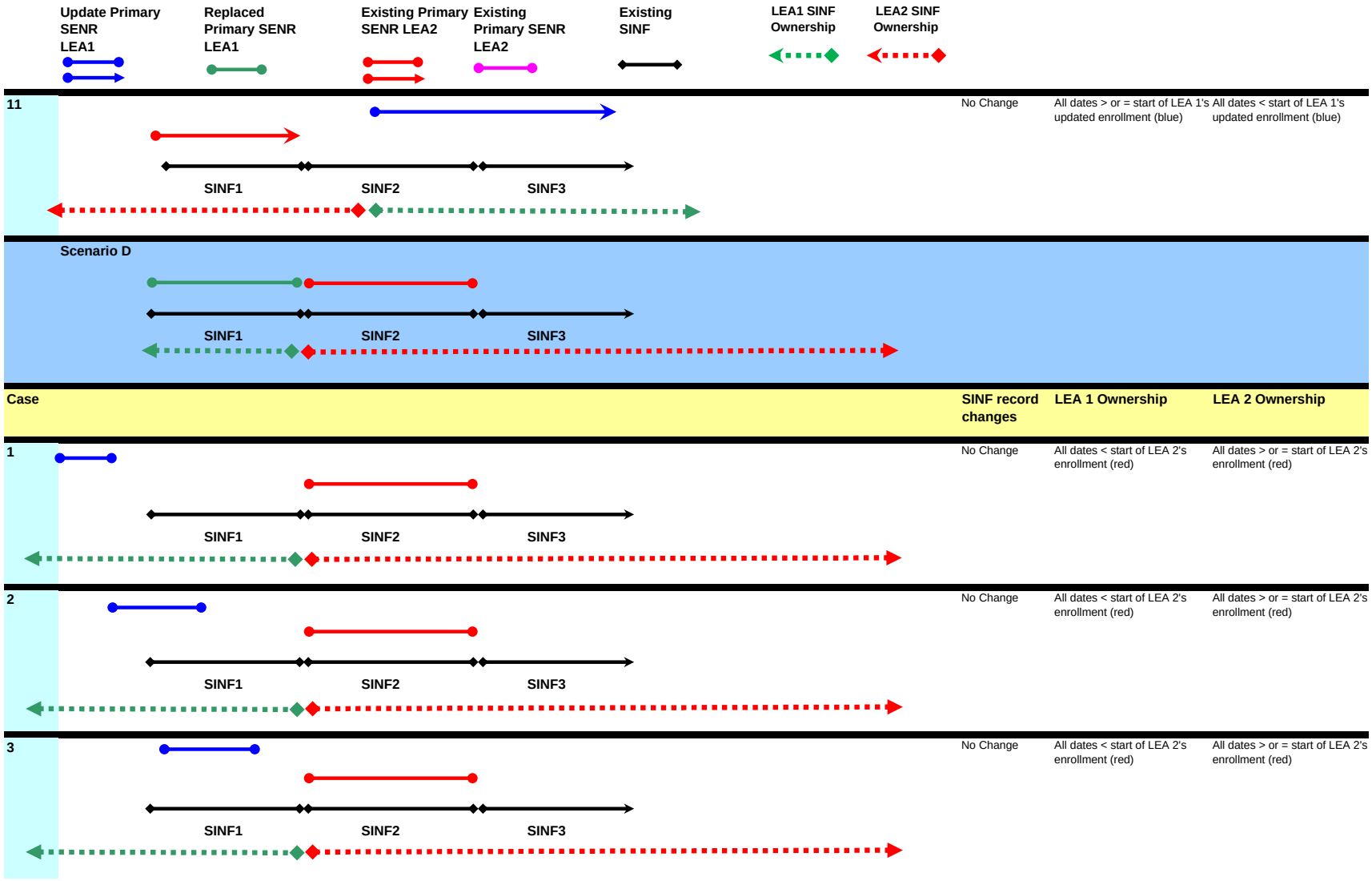


Case	SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1 	No Change	All dates < start of LEA 2's enrollment (red)	All dates > or = start of LEA 2's enrollment (red)
2 	No Change	All dates < start of LEA 2's enrollment (red)	All dates > or = start of LEA 2's enrollment (red)
3 	No Change	LEA 1's new enrollment is rejected with SENR0037, therefore no change in ownership: All dates > or = LEA 1's existing enrollment (green)	1. All dates > or = start of LEA 2's enrollment (red) 2. < LEA 1's existing enrollment (green)
4 	No Change	All dates > or = start of LEA 1's updated enrollment (blue)	1. All dates > or = start of LEA 2's enrollment (red) 2. < LEA 1's updated enrollment (blue)

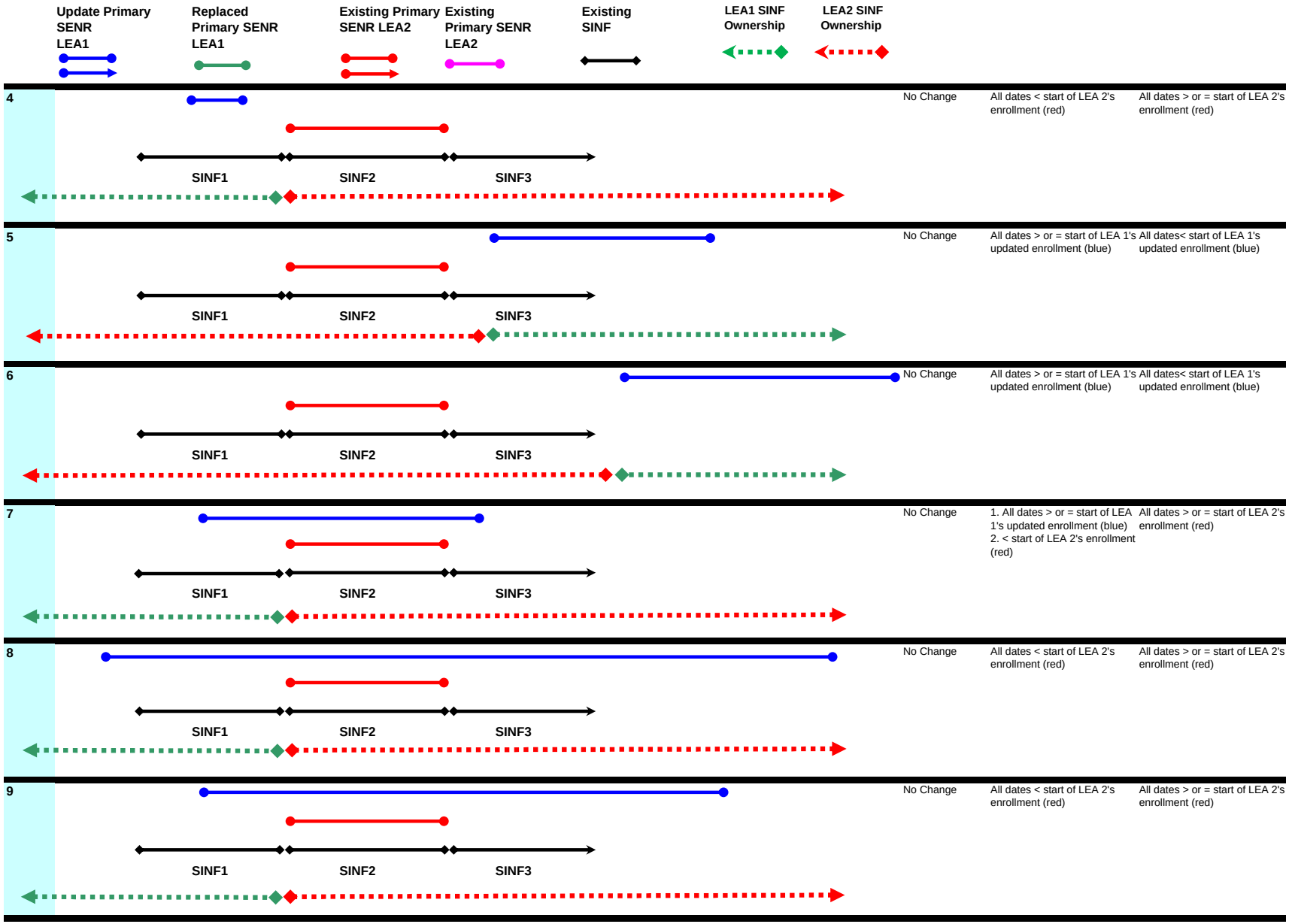
Update Primary SENR Scenarios



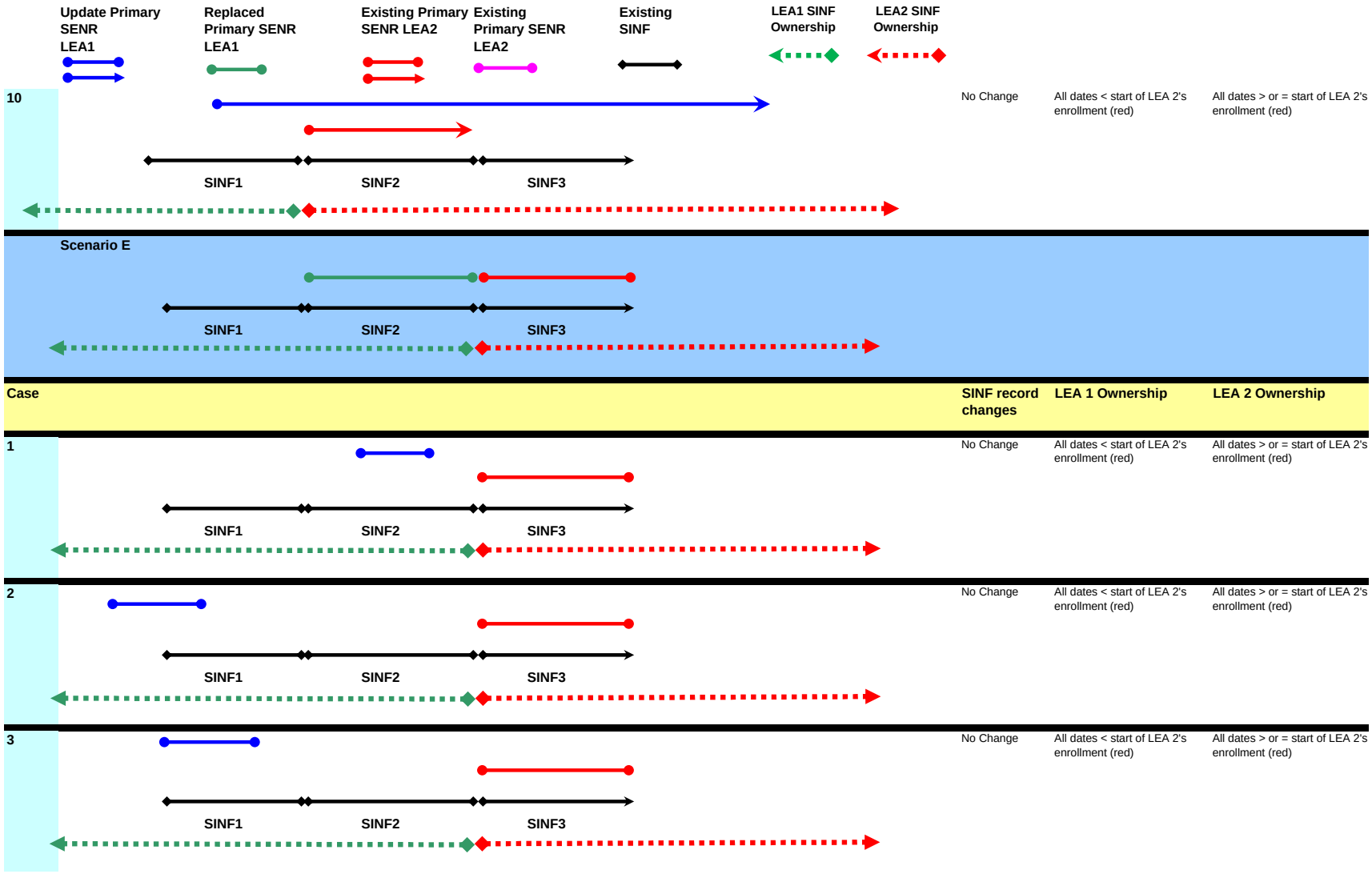
Update Primary SENR Scenarios



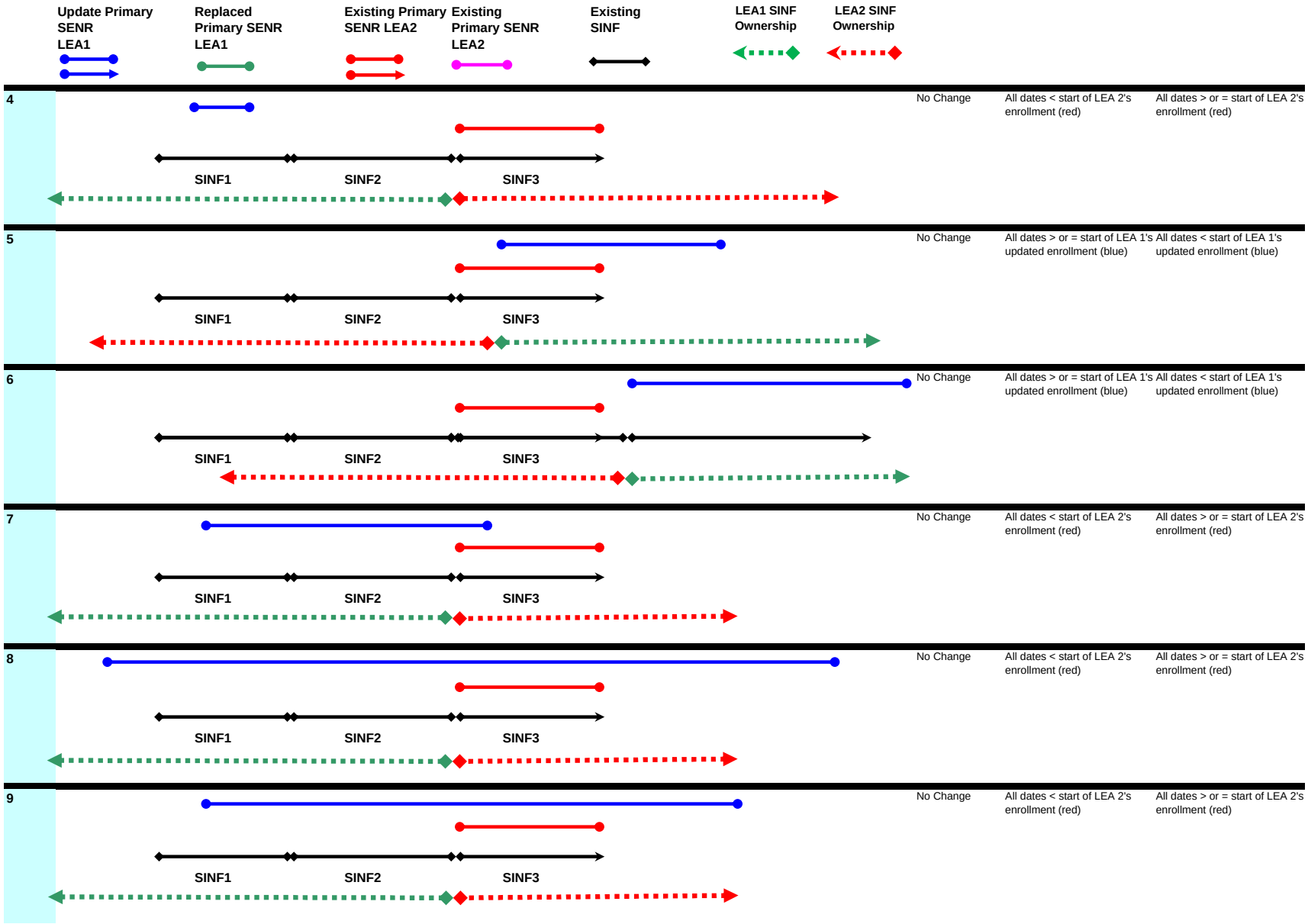
Update Primary SENR Scenarios



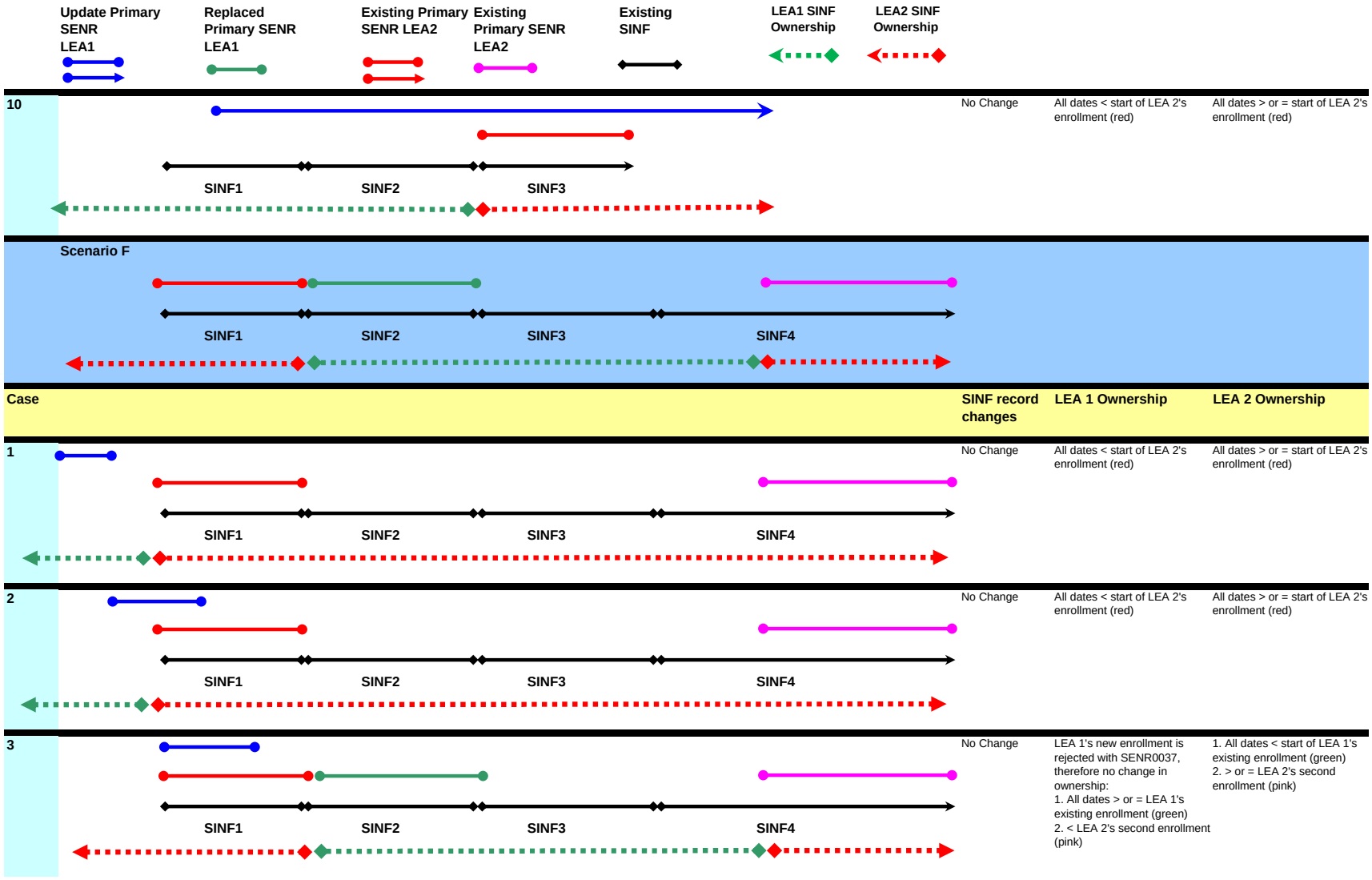
Update Primary SENR Scenarios



Update Primary SENR Scenarios

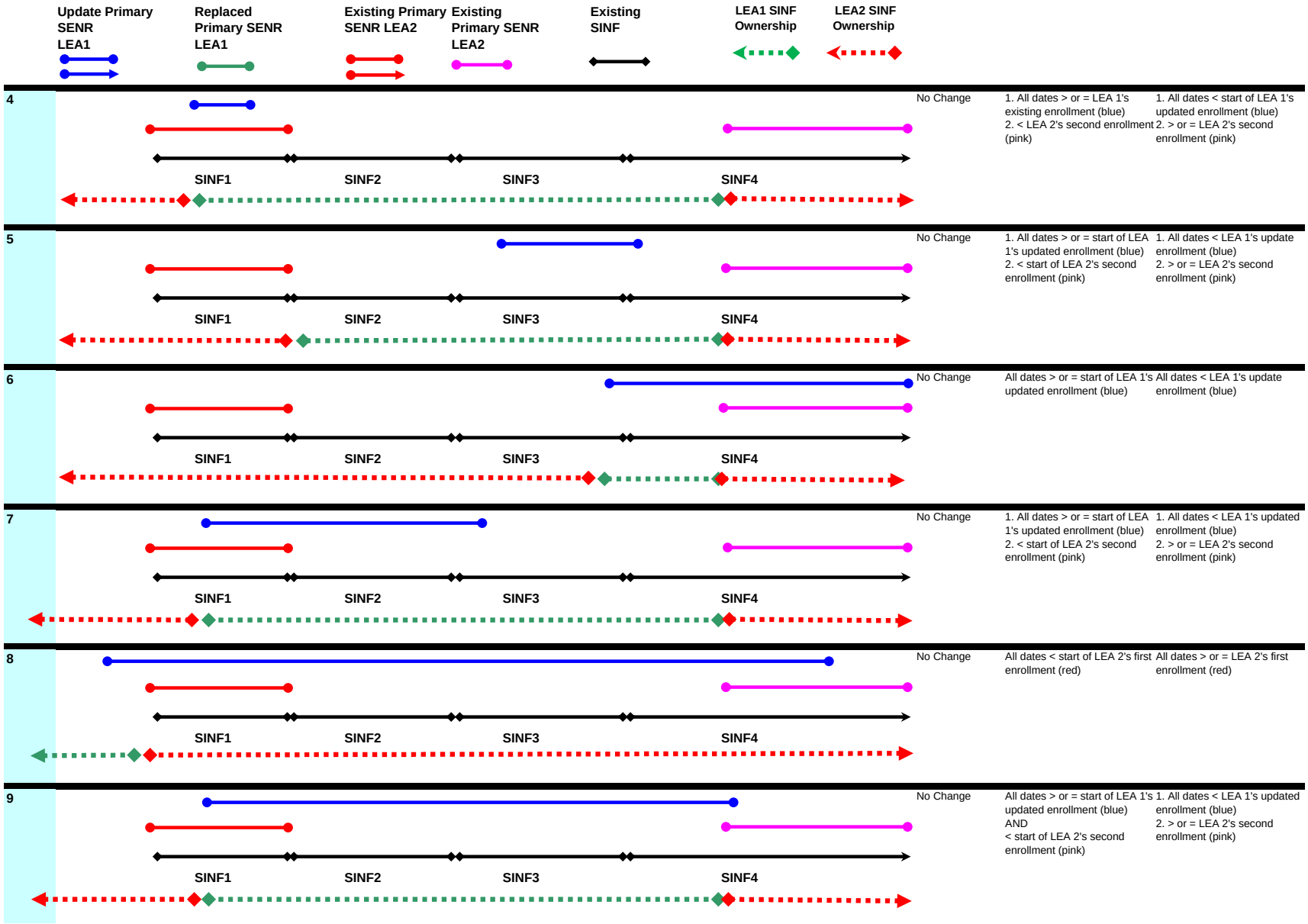


Update Primary SENR Scenarios

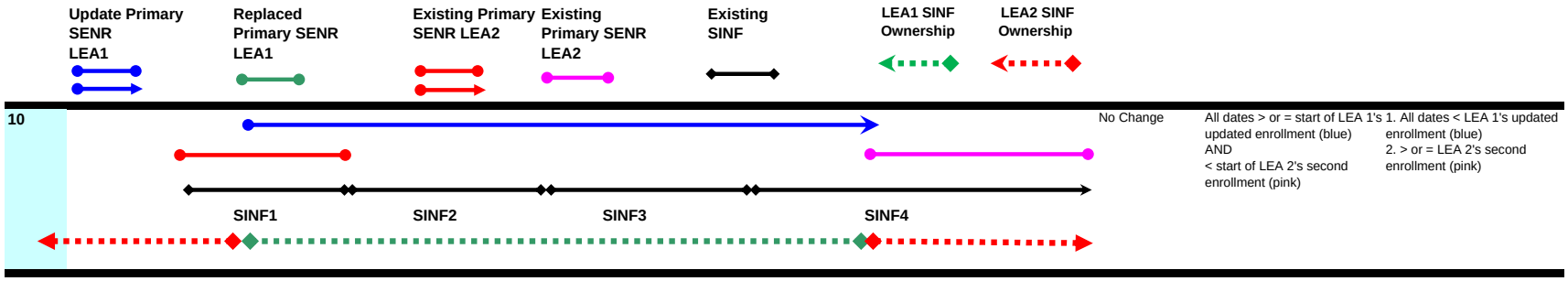


Case	SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1	No Change	All dates < start of LEA 2's enrollment (red)	All dates > or = start of LEA 2's enrollment (red)
2	No Change	All dates < start of LEA 2's enrollment (red)	All dates > or = start of LEA 2's enrollment (red)
3	No Change	LEA 1's new enrollment is rejected with SENR0037, therefore no change in ownership: 1. All dates > or = LEA 1's existing enrollment (green) 2. < LEA 2's second enrollment (pink)	1. All dates < start of LEA 1's existing enrollment (green) 2. > or = LEA 2's second enrollment (pink)

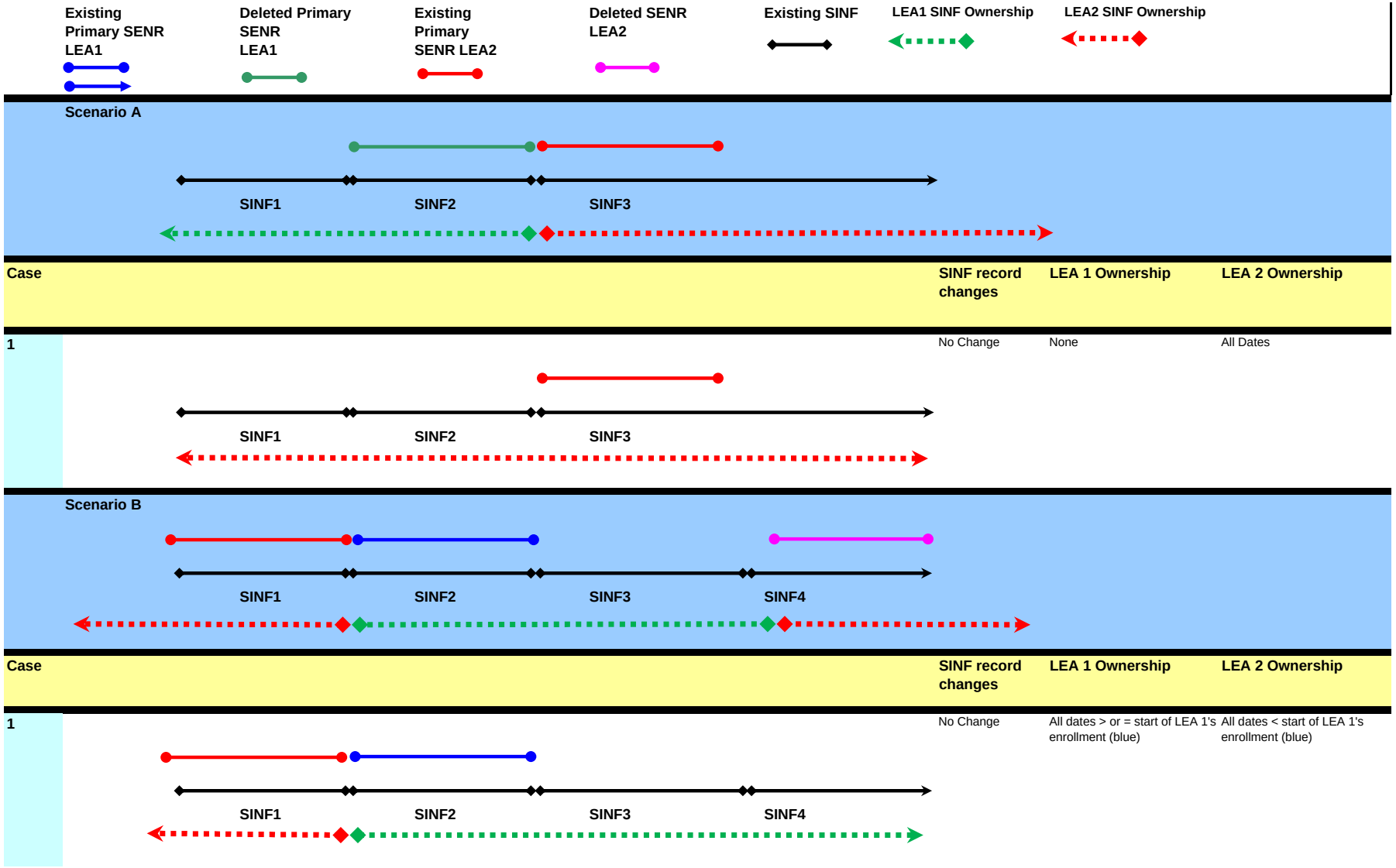
Update Primary SENR Scenarios



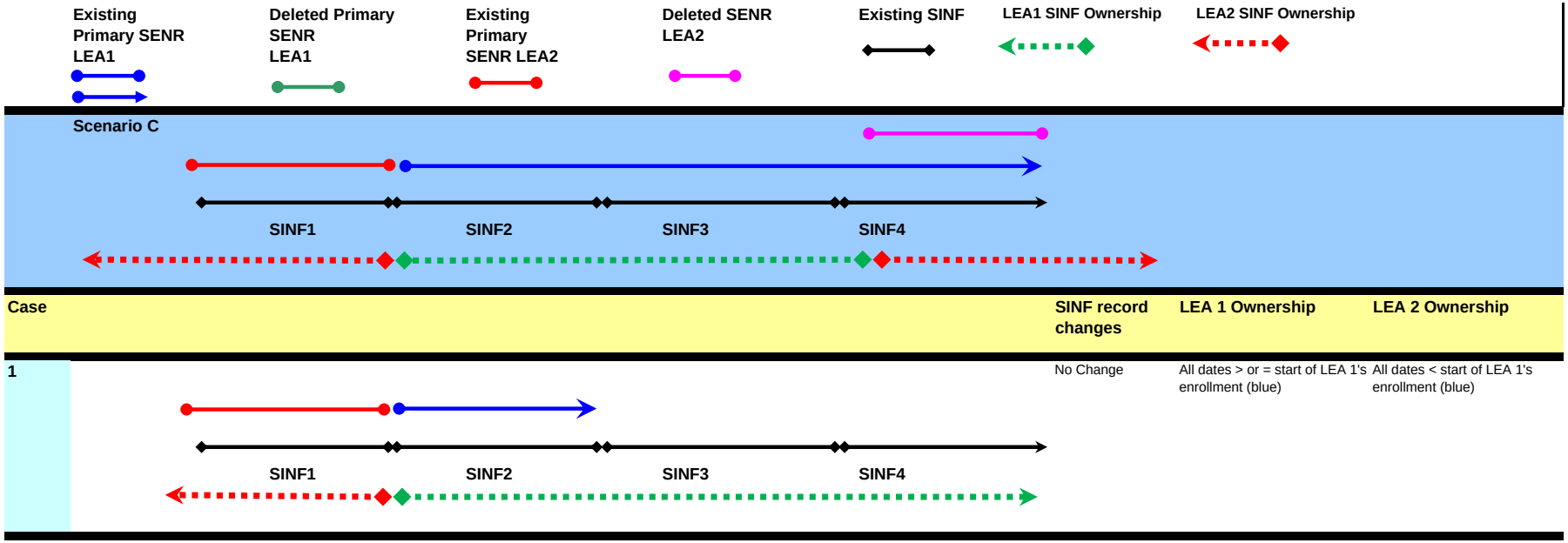
Update Primary SENR Scenarios



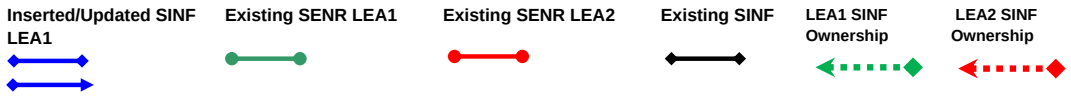
Delete SENR Scenarios



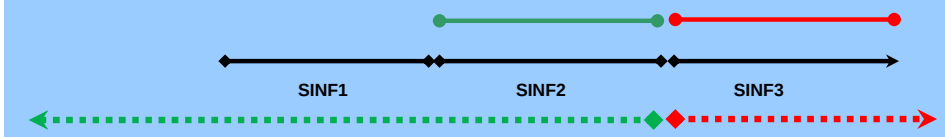
Delete SENR Scenarios

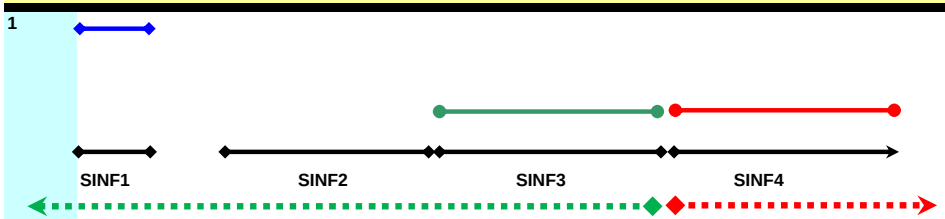
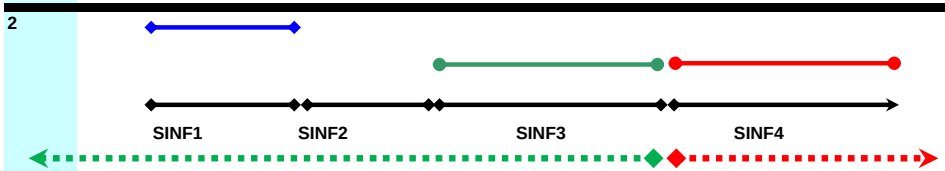
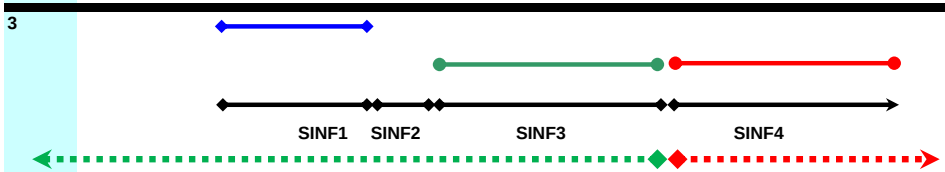
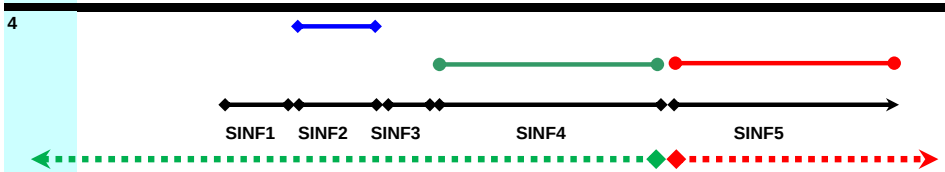


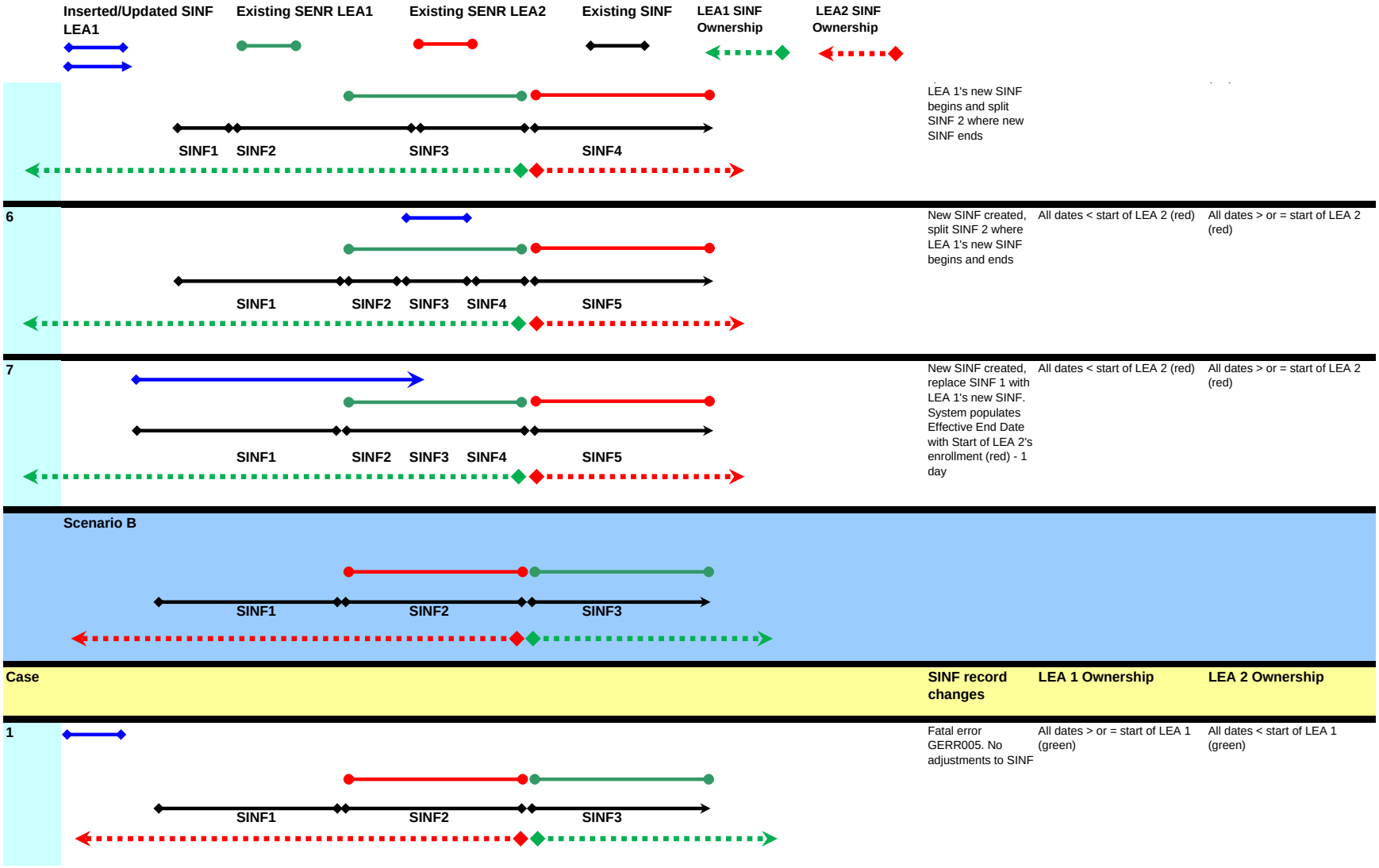
Insert/Update SINF Scenarios



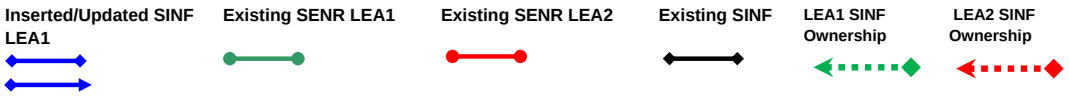
Scenario A

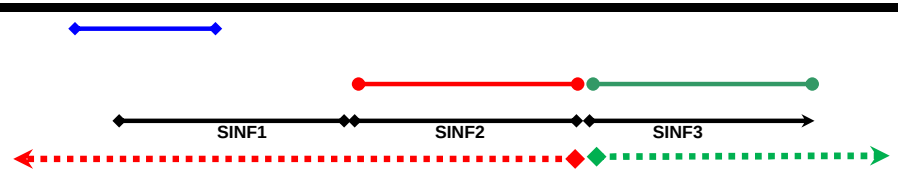
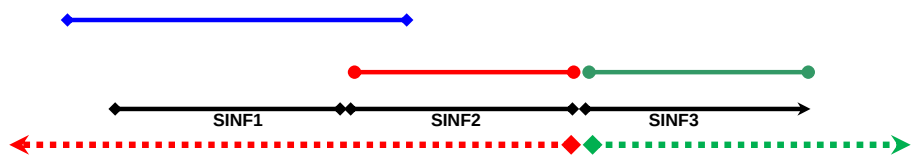
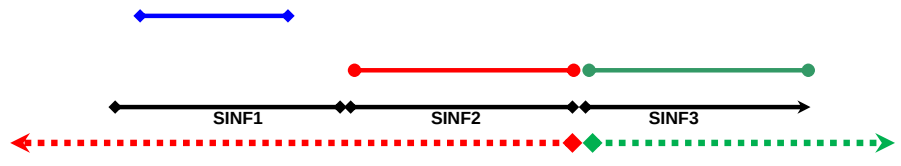
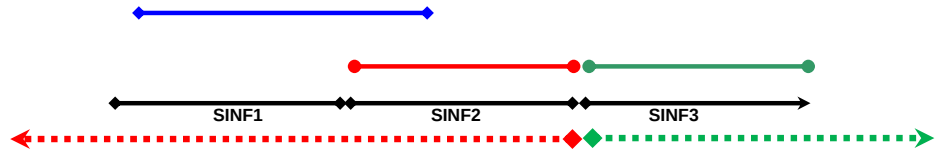
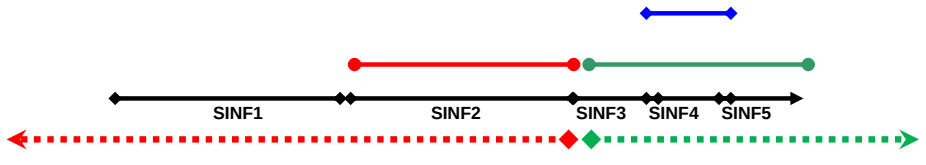


Case	SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1 	New SINF created, gap created between new SINF and SINF 2	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)
2 	New SINF created, split SINF 1 where LEA 1's new SINF ends	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)
3 	New SINF created, split SINF 1 where LEA 1's new SINF ends	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)
4 	New SINF created, split SINF 1 where LEA 1's new SINF begins and ends	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)
5	New SINF created, split SINF 1 where	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)

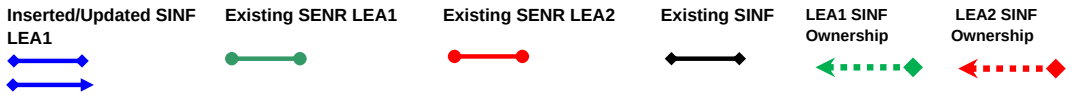


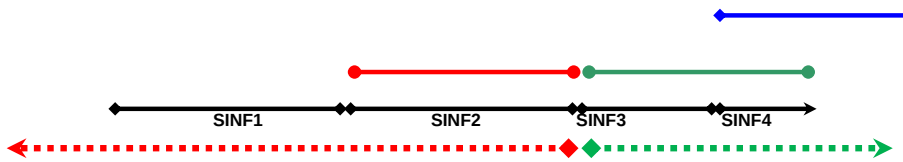
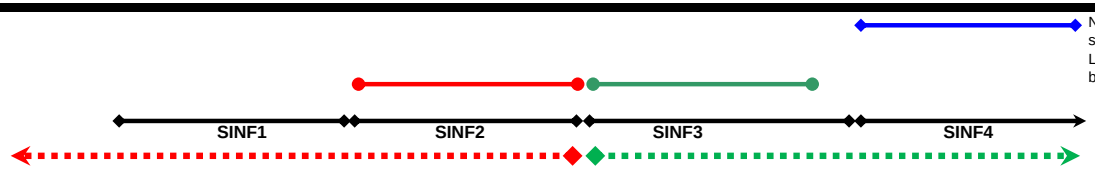
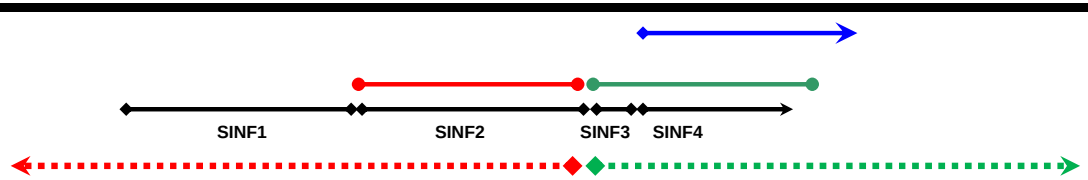
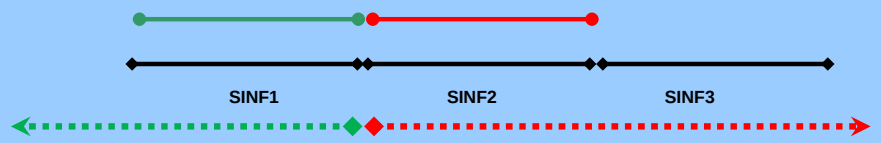
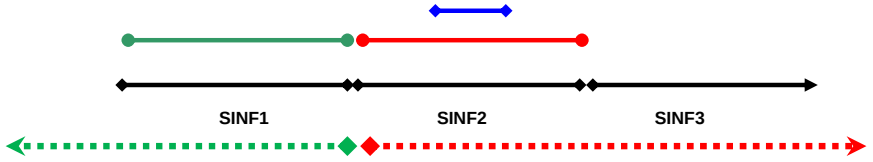
Case	SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1	Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)
6	New SINF created, split SINF 2 where LEA 1's new SINF begins and ends	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)
7	New SINF created, replace SINF 1 with LEA 1's new SINF. System populates Effective End Date with Start of LEA 2's enrollment (red) - 1 day	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)
	LEA 1's new SINF begins and split SINF 2 where new SINF ends		



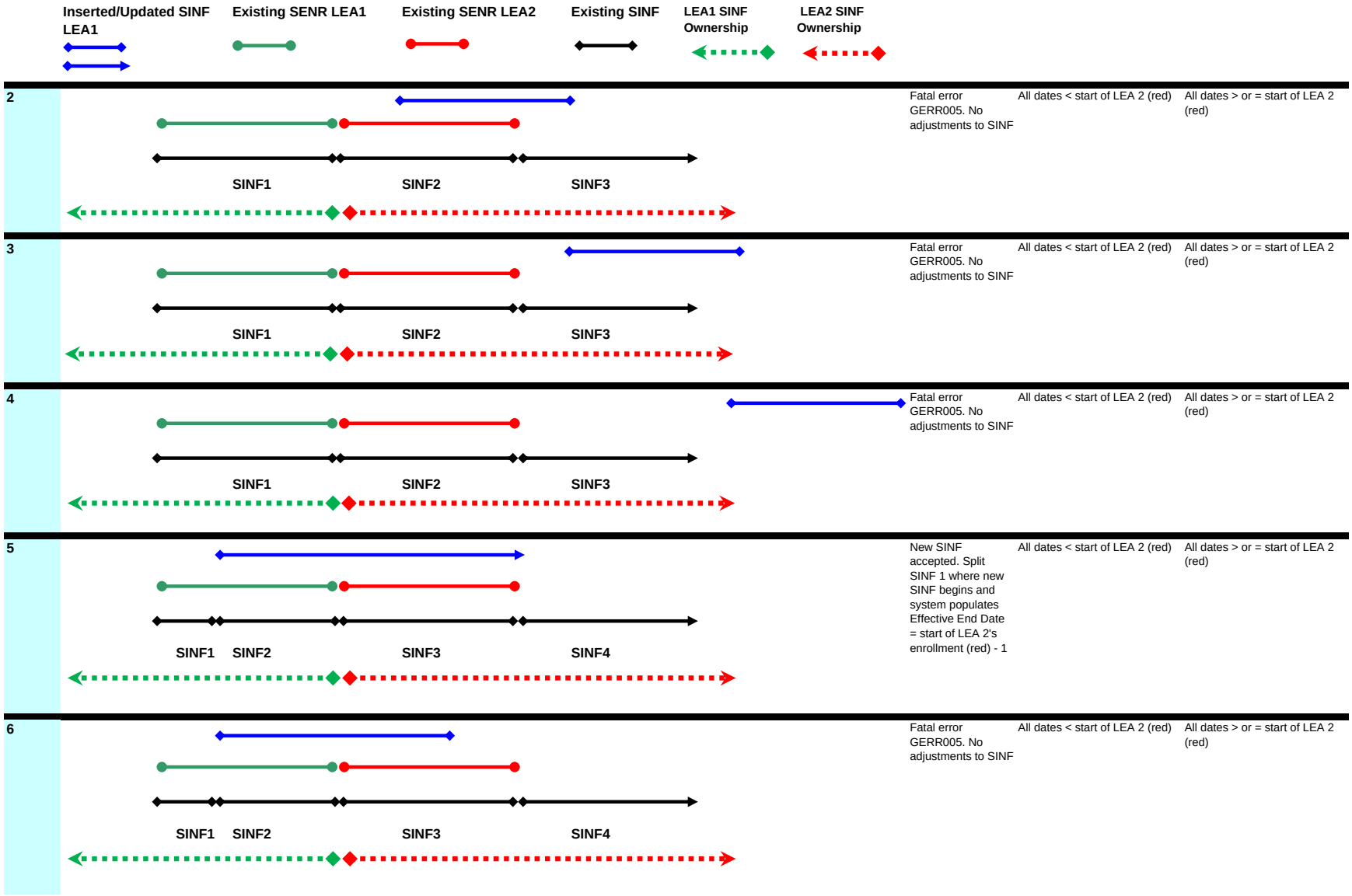
2		Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)
3		Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)
4		Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)
5		Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)
6		New SINF created, split SINF 3 where LEA 1's new SINF begins and ends	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)

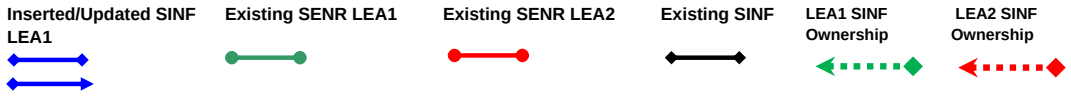
Insert/Update SINF Scenarios

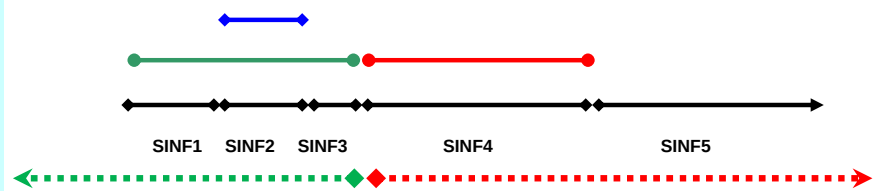
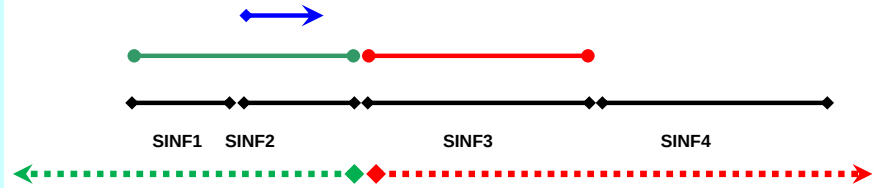


7		New SINF created, split SINF 3 where LEA 1's new SINF begins and ends	All dates > or = start of LEA 1 (green) / All dates < start of LEA 1 (green)
8		New SINF created, split SINF 3 where LEA 1's new SINF begins and ends	All dates > or = start of LEA 1 (green) / All dates < start of LEA 1 (green)
9		New SINF created, split SINF 3 where LEA 1's new SINF begins, SINF 4 replaced with new SINF	All dates > or = start of LEA 1 (green) / All dates < start of LEA 1 (green)
Scenario C			
Case		**SINF record changes**	**LEA 1 Ownership** / **LEA 2 Ownership**
1		Fatal error GERR005. No adjustments to SINF	All dates < start of LEA 2 (red) / All dates > or = start of LEA 2 (red)

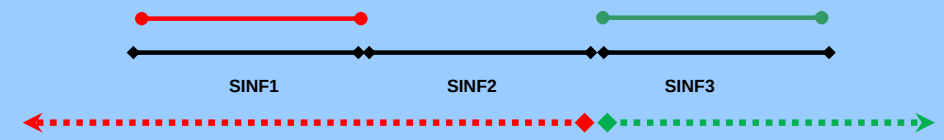
Insert/Update SINF Scenarios

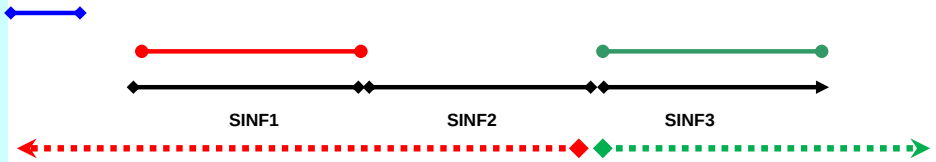


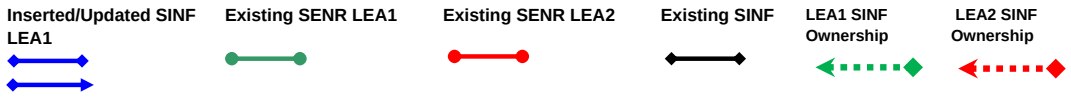


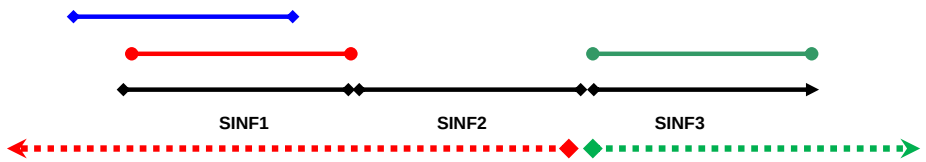
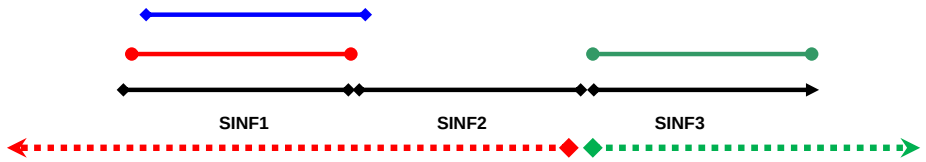
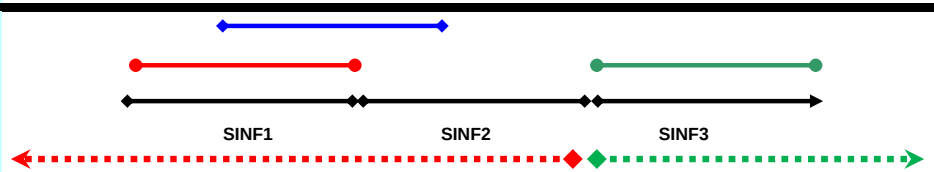
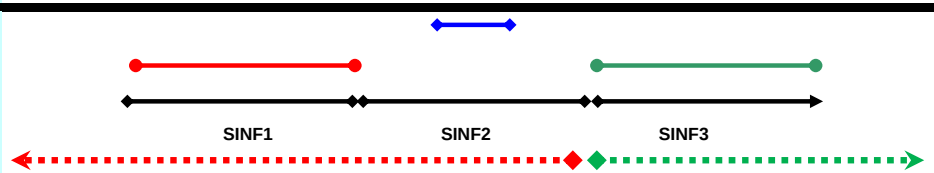
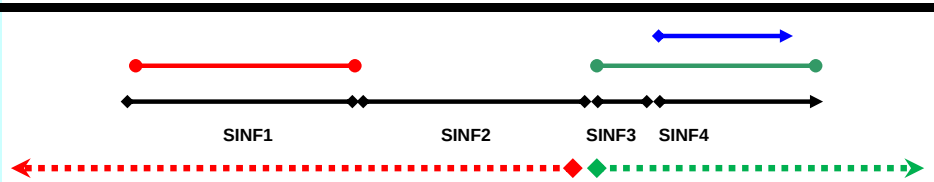
7		New SINF created, split SINF 1 where LEA 1's new SINF begins and where new SINF ends	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)
8		New SINF created, split SINF 2 where LEA 1's new SINF begins, system populates Effective End Date with start of LEA 2's enrollment (red) - 1 day	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)

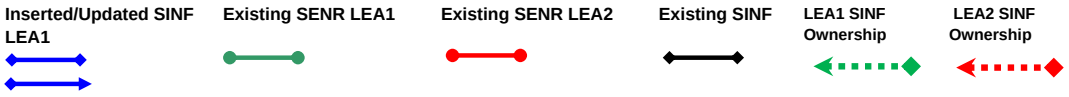
Scenario D **NOTE: All cases in scenario end with the same result. LEA 1 is not allowed to insert any SINF before SINF 3**



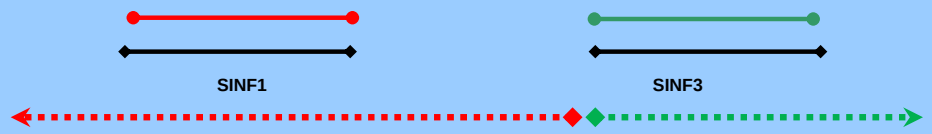
Case		SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1		Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)

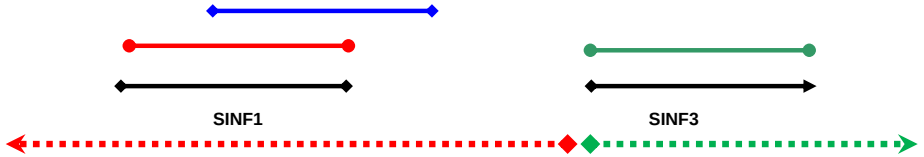
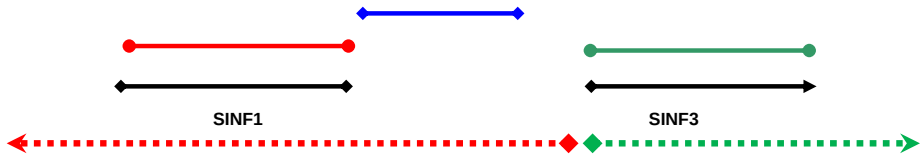


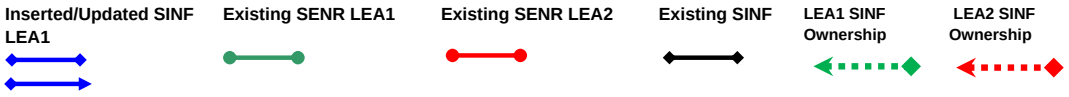
2		Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)
3		Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)
4		Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)
5		Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)
6		New SINF created. Split SINF 3 where LEA 1's new SINF begins and all SINF on or after the start of the new SINF is replaced when new SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)

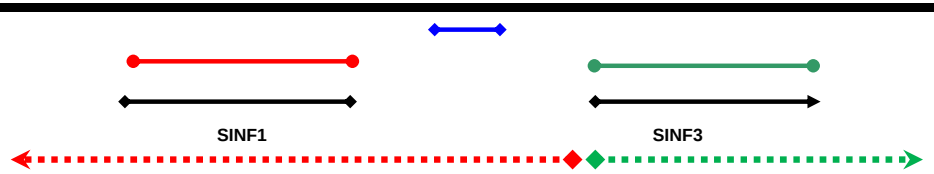


Scenario E NOTE: All cases in scenario end with the same result. LEA 1 is not allowed to insert any SINF before SINF 3

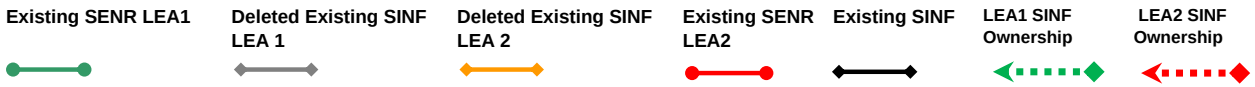


Case		SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1		Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)
2		Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)
3		Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)
4		Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)

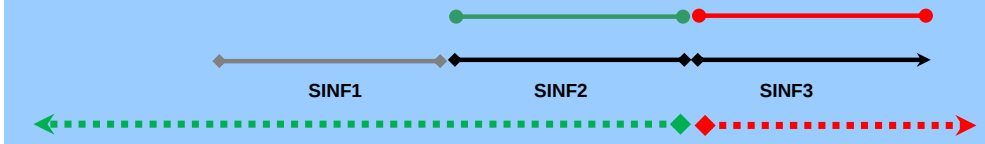


5			Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)

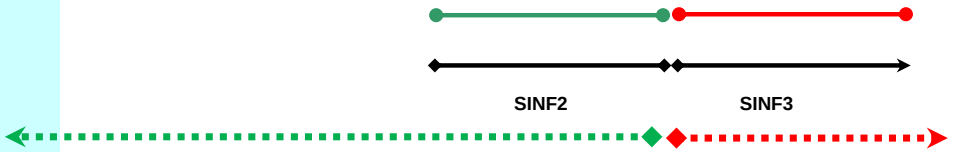
Delete SINF Scenarios



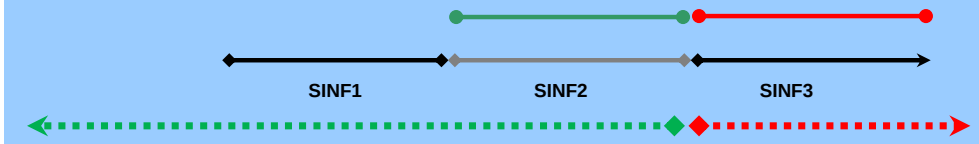
Scenario A



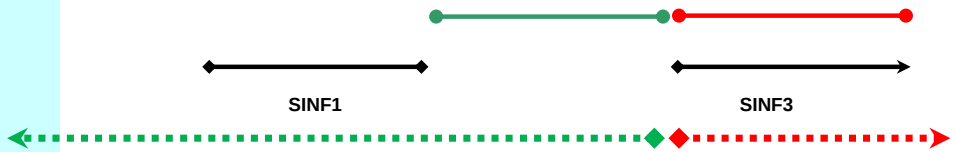
Case	SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1	SINF 1 deleted, no change to other SINF records	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)



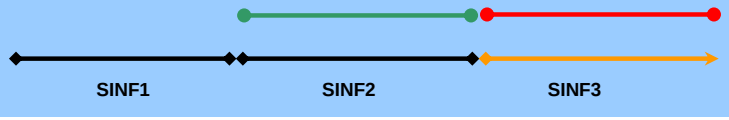
Scenario B



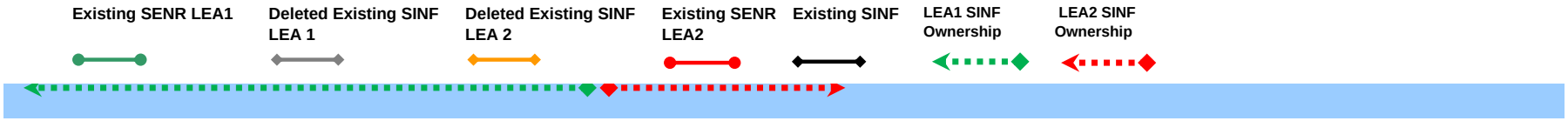
Case	SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1	SINF 2 deleted, gap between SINF 1 and 3 created	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)



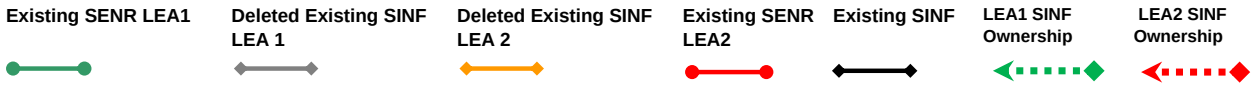
Scenario C

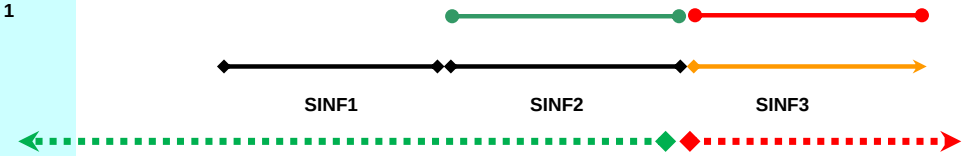
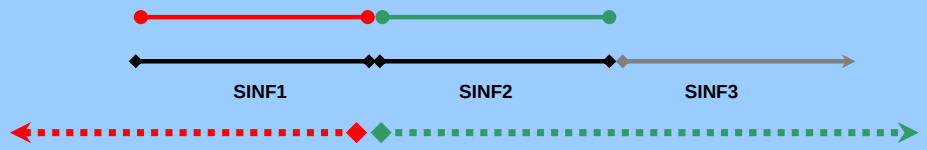


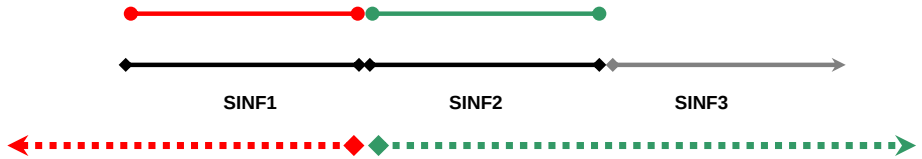
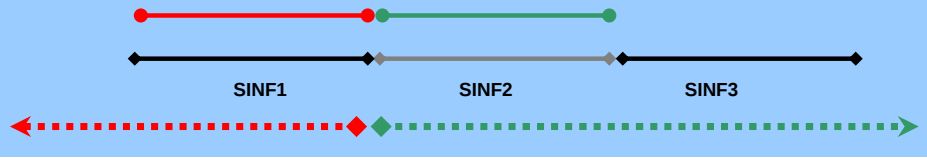
Delete SINF Scenarios



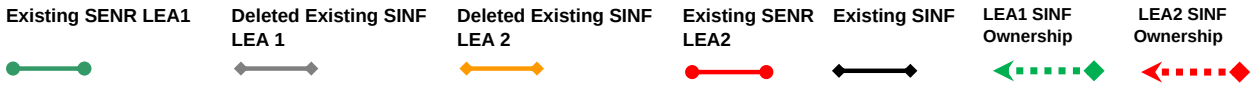
Delete SINF Scenarios

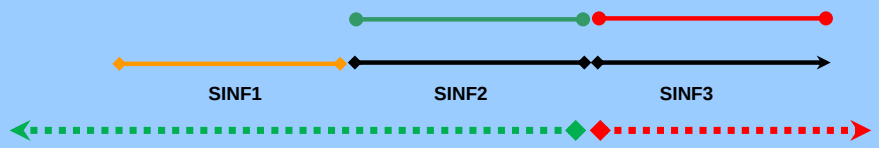


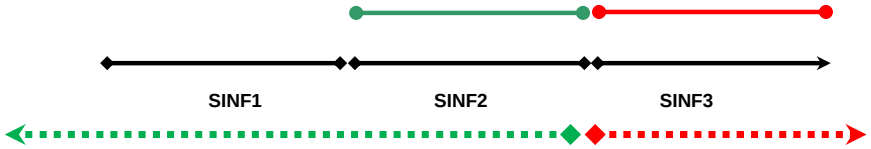
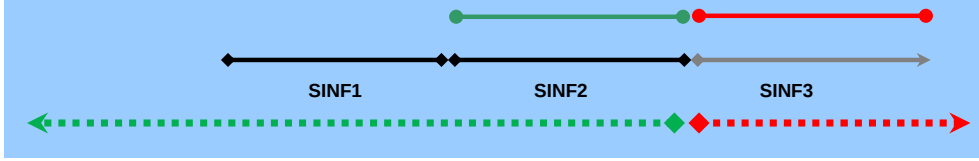
Case		SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1		Fatal Error SINF0193 No change to SINF records, SINF 3 NOT deleted since it is the Open Effective Date record,	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)
Scenario D				

Case		SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1		Fatal Error SINF0193 No change to SINF records, SINF 3 NOT deleted since it is the Open Effective Date record,	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)
Scenario E				

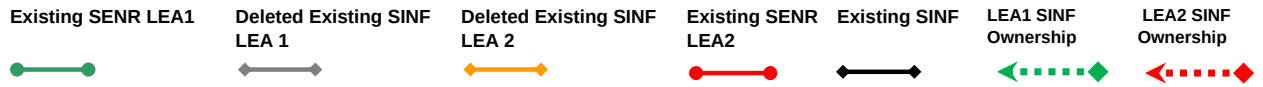
Delete SINF Scenarios

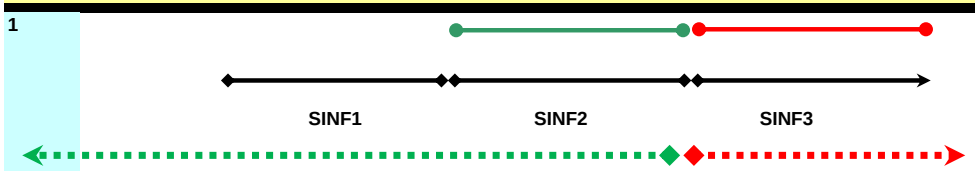
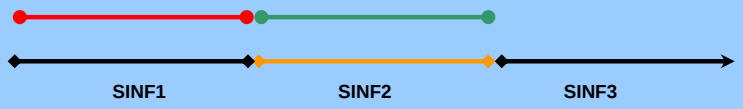
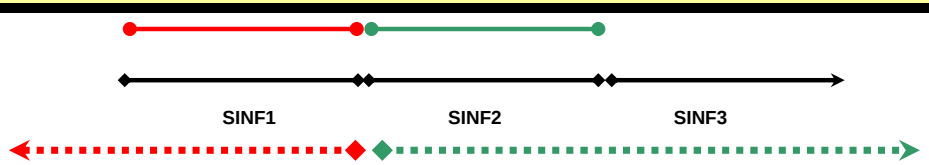


Case		SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1		SINF 2 deleted, gap between SINF 1 and 3 created	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)
Scenario F				

Case		SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1		Fatal error GERR005. No adjustments to SINF	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)
Scenario G				

Delete SINF Scenarios



Case		SINF record changes	LEA 1 Ownership	LEA 2 Ownership
1		Fatal error GERR005. No adjustments to SINF	All dates < start of LEA 2 (red)	All dates > or = start of LEA 2 (red)
Scenario H				
Case		**SINF record changes**	**LEA 1 Ownership**	**LEA 2 Ownership**
1		Fatal error GERR005. No adjustments to SINF	All dates > or = start of LEA 1 (green)	All dates < start of LEA 1 (green)