

# MA SIF Publish Tool (Massachusetts)

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## Tool Search: SIF Publish Tool

The MA SIF Publish Tool allows users to manually initiate a resync of all SIF objects or select SIF objects for a specific school year and indicates when each SIF object has completed the resync.

This tool is useful for ensuring the state has the most up-to-date information, especially after important data changes have been made such as new school schedules, new student enrollments, and modifications to the active school year.

**MA SIF Publish Tool ☆**

System Settings > Data Interchange Administration > MA SIF Publish Tool

Related Tools ^

**MA SIF Publish Tool**

Selected SIF objects will be pushed to the state at the time specified below.  
The primary purpose of this tool is to publish selected/all objects before the start of school once schedules have been created, new students have been enrolled, and the active year has been changed to ensure the state has the most accurate information for reporting.

Only objects that have been 'Requested' and are not currently processing can be cancelled.

**School Year\*** **SIF Agent\*** **SIF Zone\***

2023-2024

**Objects to Publish**

Publish all district information  
 Publish select objects

	SIF Objects	Last Push	Status	End Year
<input checked="" type="checkbox"/>	LEAInfo	09/30/2022 11:31	Request Completed	2023
<input checked="" type="checkbox"/>	SchoolInfo	10/25/2022 14:05	Request Completed	2023
<input checked="" type="checkbox"/>	TermInfo	06/13/2023 08:30	Request Completed	2023
<input checked="" type="checkbox"/>	SchoolCourseInfo	06/13/2023 08:30	Request Completed	2023
<input checked="" type="checkbox"/>	SectionInfo	06/13/2023 08:32	Request Completed	2023
<input checked="" type="checkbox"/>	SectionMarkInfo	06/13/2023 08:34	Request Completed	2023
<input checked="" type="checkbox"/>	StudentPersonal	06/13/2023 11:41	Request Completed	2023
<input checked="" type="checkbox"/>	StudentSchoolEnrollment	06/13/2023 11:47	Request Completed	2023
<input checked="" type="checkbox"/>	StudentSectionEnrollment	07/10/2023 14:38	Request Completed	2023
<input checked="" type="checkbox"/>	StudentSectionMarks	07/10/2023 15:07	Request Completed	2023
<input checked="" type="checkbox"/>	StaffPersonal	07/28/2023 11:05	Request Completed	2023
<input checked="" type="checkbox"/>	EmploymentRecord	07/28/2023 11:06	Request Completed	2023
<input checked="" type="checkbox"/>	StaffAssignment	07/28/2023 11:07	Request Completed	2023
<input checked="" type="checkbox"/>	StaffSectionAssignment	07/28/2023 11:09	Request Completed	2023
<input checked="" type="checkbox"/>	StaffEvaluation	08/01/2023 17:52	Request Completed	2023
<input checked="" type="checkbox"/>	DisciplineIncident	07/31/2023 10:13	Request Completed	2023

Submit to Batch  Cancel

Refresh Show top 50 tasks submitted between 05/30/2024 and 06/06/2024

**Batch Queue List**

Queued Time	Report Title	Status	Download

MA SIF Publish Tool

**Read** - Access and initiate a resync.

**Write** - Provides no function for this tool.

**Add** - Provides no function for this tool.

**Delete** - Provides no function for this tool.

For more information about Tool Rights and how they function, see [this Tool Rights article](#).

## Prerequisites

- The [SIF Agent](#) must be installed and properly configured prior to using this tool.
- [SIF Zone Options](#) should be established
- [Data Access Rights](#) are configured for the Zone and Agent selected in the editor.

## Publishing SIF Objects

Users can choose to publish all objects within the district or a select set of SIF objects. The following sections describe each option:

- [Publish All District Information](#)
- [Publish Select Objects](#)
- [Cancel Publishing of Objects](#)

### Publish All District Information

Selecting this option means all SIF objects (and associated data) for the indicated **School Year**, **SIF Agent**, and **SIF Zone** will be synced once the **Submit to Batch** button is selected and the publishing process completes (shows a status of Complete in the Batch Queue List).

Click the **Get the Report** hyperlink in the Download column to view the SIF Publish Report.

MA SIF Publish Tool

Selected SIF objects will be pushed to the state at the time specified below.  
The primary purpose of this tool is to publish selected/all objects before the start of school once schedules have been created, new schools added, and new users created.  
Only objects that have been 'Requested' and are not currently processing can be cancelled.

School Year\* SIF Agent\* SIF Zone\*  
2022-2023 SIFAgent SIFZone

Objects to Publish  Publish all district information  Publish select objects

<input checked="" type="checkbox"/>	SIF Objects	Last Push	Status	End Year
<input checked="" type="checkbox"/>	LEAInfo	07/15/2022 06:54	Request Completed	2023
<input checked="" type="checkbox"/>	SchoolInfo	07/15/2022 06:54	Request Completed	2023
<input checked="" type="checkbox"/>	TermInfo	07/15/2022 06:54	Request Completed	2023
<input checked="" type="checkbox"/>	SchoolCourseInfo	07/15/2022 06:56	Request Completed	2023
<input checked="" type="checkbox"/>	SectionInfo	07/15/2022 06:56	Request Completed	2023
<input checked="" type="checkbox"/>	SectionMarkInfo	07/15/2022 06:57	Request Completed	2023
<input checked="" type="checkbox"/>	StudentPersonal	07/15/2022 07:02	Request Completed	2023
<input checked="" type="checkbox"/>	StudentSchoolEnrollment	07/15/2022 07:05	Request Completed	2023
<input checked="" type="checkbox"/>	StudentSectionEnrollment	07/15/2022 07:05	Request Completed	2023
<input checked="" type="checkbox"/>	StudentSectionMarks	07/15/2022 07:05	Request Completed	2023
<input checked="" type="checkbox"/>	StaffPersonal	07/15/2022 07:11	Request Completed	2023
<input checked="" type="checkbox"/>	EmploymentRecord	07/15/2022 07:13	Request Completed	2023
<input checked="" type="checkbox"/>	StaffAssignment	07/15/2022 07:13	Request Completed	2023
<input checked="" type="checkbox"/>	StaffSectionAssignment	07/15/2022 07:14	Request Completed	2023
<input checked="" type="checkbox"/>	StaffEvaluation	07/15/2022 07:14	Request Completed	2023
<input checked="" type="checkbox"/>	DisciplineIncident	07/15/2022 07:15	Request Completed	2023

Refresh Show top 50 tasks submitted between 07/18/2022 and 07/25/2022

Batch Queue List  
Queued Time Report Title Status Download

Resyncing All SIF Objects

## Publish Select Objects

Selecting this option allows you to choose which SIF objects will resync for a specific school year once the **Submit to Batch** button is selected.

You can resync data for different school years by modifying the school year dropdown prior to selecting objects and initiating a resync.

**MA SIF Publish Tool**

Selected SIF objects will be pushed to the state at the time specified below. The primary purpose of this tool is to publish selected/all objects before the start of school once schedules have been created, new students have been added, and other changes have been made. Only objects that have been 'Requested' and are not currently processing can be cancelled.

School Year\*   SIF Agent\*   SIF Zone\*

2022-2023   SIFAgent   SIFZone

Objects to Publish    Publish all district information    Publish select objects

SIF Objects	Last Push	Status	End Year
LEAInfo	07/15/2022 06:54	Request Completed	2023
SchoollInfo	07/15/2022 06:54	Request Completed	2023
TermInfo	07/15/2022 06:54	Request Completed	2023
SchoolCourseInfo	07/15/2022 06:56	Request Completed	2023
SectionInfo	07/15/2022 06:56	Request Completed	2023
SectionM		Request Completed	2023
StudentF		Request Completed	2023
StudentS		Request Completed	2023
StudentS		Request Completed	2023
StudentS		Request Completed	2023
StaffPerson		Request Completed	2023
Employment		Request Completed	2023
StaffAssignment	07/15/2022 07:10	Request Completed	2023
StaffSectionAssignment	07/15/2022 07:14	Request Completed	2023
StaffEvaluation	07/15/2022 07:14	Request Completed	2023
DisciplineIncident	07/15/2022 07:15	Request Com	2023

To publish specific SIF objects, select the Publish select objects radio button, and mark the checkbox next to each SIF object you wish to resync.

Once all desired checkboxes are marked, click the Submit to Batch button.

Once resync of an object is complete, the Status column will show Request.

Submit to Batch   Cancel

Refresh   Show top 50 tasks submitted between 07/19/2022 and 07/26/2022

**Batch Queue List**

Queued Time	Report Title	Status	Download

Resyncing Specific SIF Objects

## To Publish Specific SIF Objects:

1. Select the **School Year**.
2. Select the **SIF Agent**. If only one Agent exists, this field will default to this value.
3. Select the **SIF Zone**. If only one Zone exists, this field will default to this value.
4. Select the **Publish select objects** radio button.
5. Mark the checkbox next to each SIF object you wish to resync.
6. Select the **Submit to Batch** button. Once resync of an object is complete, the Status column will report as 'Request Complete'. Click the **Get the Report** hyperlink in the Download column to view the SIF Publish Report.

Records:2			
objectName	sifZone	sifAgent	records
StudentSchoolEnrollment	SIFZone	SIFAgent	3866
StudentSectionEnrollment	SIFZone	SIFAgent	2

## Cancel Publishing of Objects

If you need to cancel a publishing request:

1. Select the **School Year**.
2. Select the **SIF Agent**. If only one Agent exists, this field will default to this value.
3. Select the **SIF Zone**. If only one Zone exists, this field will default to this value.
4. Select the **Publish select objects** radio button.
5. Mark the checkbox next to each object you wish to cancel.
6. Click the **Cancel** button. All selected objects will be cancelled if they are still in the 'Requested' status.

School Year\*      SIF Agent\*      SIF Zone\*

2022-2023      SIFAgent      SIFZone

Objects to Publish       Publish all district information       Publish select objects

SIF Objects	Last Push	Status	End Year
<input type="checkbox"/> LEAInfo	07/15/2022 06:54	Request Completed	2023
<input checked="" type="checkbox"/> SchoolInfo		Requested	2023
<input checked="" type="checkbox"/> TermInfo		Requested	2023
<input type="checkbox"/> SchoolCourseInfo	07/15/2022 06:56	Request Completed	2023
<input type="checkbox"/> SectionInfo	07/15/2022 06:56	Request Completed	2023
<input type="checkbox"/> SectionMarkInfo	07/15/2022 06:57	Request Completed	2023
<input type="checkbox"/> StudentPersonal	07/15/2022 07:02	Request Completed	2023
<input type="checkbox"/> StudentSchoolEnrollment	07/15/2022 07:05	Request Completed	2023
<input type="checkbox"/> StudentSectionEnrollment	07/15/2022 07:05	Request Completed	2023
<input type="checkbox"/> StudentSectionMarks	07/15/2022 07:05	Request Completed	2023
<input type="checkbox"/> StaffPerson	07/15/2022 07:11	Request Completed	2023
<input type="checkbox"/> EmploymentRecord	07/15/2022 07:13	Request Completed	2023
<input type="checkbox"/> StaffAssignment	07/15/2022 07:13	Request Completed	2023
<input type="checkbox"/> StaffSectionAssignment	07/15/2022 07:14	Request Completed	2023
<input type="checkbox"/> StaffEvaluation	07/15/2022 07:14	Request Completed	2023
<input type="checkbox"/> DisciplineIncident	07/15/2022 07:15	Request Completed	2023

    

Refresh Show top 50 tasks submitted between 07/19/2022 and 07/26/2022

Queued Time	Report Title	Status	Download
07/26/2022 02:18:57 PM	SIFPublish	Queued	

*Cancelling Select Objects*

All successfully cancelled objects will update with a Status of 'Cancelled'.

School Year*	SIF Agent*	SIF Zone*		
2022-2023				
Objects to Publish			<input checked="" type="radio"/> Publish all district information <input type="radio"/> Publish select objects	
✓	SIF Objects	Last Push	Status	End Year
✓	LEAInfo	07/15/2022 08:54	Request Completed	2023
✓	SchoolInfo	07/26/2022 14:20	Cancelled	2023
✓	TermInfo	07/26/2022 14:20	Cancelled	2023
✓	SchoolCourseInfo	07/15/2022 08:58	Request Completed	2023
✓	SectionInfo	07/15/2022 09:06	Request Completed	2023
✓	SectionMarkInfo	07/15/2022 08:57	Request Completed	2023
✓	StudentPersonal	07/15/2022 07:02	Request Completed	2023
✓	StudentSchoolEnrollment	07/15/2022 07:05	Request Completed	2023
✓	StudentSectionEnrollment	07/15/2022 07:05	Request Completed	2023
✓	StudentSectionMarks	07/15/2022 07:05	Request Completed	2023
✓	StaffPersonal	07/15/2022 07:11	Request Completed	2023
✓	EmploymentRecord	07/15/2022 07:13	Request Completed	2023
✓	StaffAssignment	07/15/2022 07:13	Request Completed	2023
✓	StaffSectionAssignment	07/15/2022 07:14	Request Completed	2023
✓	StaffEvaluation	07/15/2022 07:14	Request Completed	2023
✓	DisciplineIncident	07/15/2022 07:15	Request Completed	2023

*Objects Successfully Cancelled*

## Audit SIF Data

Once data has been published, you can audit all SIF data sent to the state via the [MA SIF Sent Object Search](#) tool.

## MA SIF Sent Object Search ☆

Reporting &gt; MA State Reporting &gt; MA SIF Sent Object Search

## MA SIF Sent Object Search

This tool will generate a report with the selected SIF objects and search criteria in XML format that have been sent to the state. To view the report, save the file and open with an XML editor.

## Extract Options

School Year*	2022-2023
Start Date*	07/26/2022
End Date*	07/26/2022
SIF Agent*	SIFAgent
SIF Zone*	SIFZone
SIF Object*	SchoolInfo
RefID(s)	
Person ID(s)	
Course ID(s)	
Section ID(s)	

 Show top 50 tasks submitted between 07/19/2022 and 07/26/2022   

MA SIF Sent Object Search

## Related Tools

The following SIF-related tools are available:

Tool	Description
<a href="#"><b>MA SIF Record Updater</b></a>	This tool allows users to resend SIF records from Campus to the State for a specific student/staff member or set of students/staff.
<a href="#"><b>SIF Record Deleter</b></a>	The SIF Record Deleter allows users to delete specific SIF records in an effort to assist in cleaning up troublesome SIF data such as orphaned records or records that were supposed to be excluded but were erroneously sent.