## Statewide Student Identifiers (SSIDs or SIDs)



### Overview

SSIDs, which are unique to the state of Ohio, are used for funding and tracking longitudinal student data. The SSID system provides a way for ODE to collect student level data without jeopardizing student privacy. The SSID database is maintained by IBM separately from the ODE EMIS system. This presentation will provide an introduction to SSIDs and discuss resolution to common SSID situations.



## Outline

- SSID Required Elements
- Accessing the IBM SSID Database
- Assigning SSIDs
- SSID Maintenance
- SSIDs, EMIS, and ODDEX
- Getting Help



## **SSID Required Elements**

- Legal First, Middle, and Last Name
- Date of Birth
- Gender
- Native Language
- Ethnicity
- Birth Place City
- Admission Reason



## Student Names

Report as they appear on the birth certificate, I-95 form, or passport

- Names can only contain letters A through Z
- If no middle name exists, enter \*
- If two middle names exist, enter both
- Only hyphens and apostrophes are permitted
  - Other characters should be removed from names prior to the SSID assignment
- Prefixes and suffixes should not be submitted as part of a first or last name



## Student with Only One Name

#### Student has only one name

 If the immigration papers truly contain only one name, a district can ask where the parents may have applied for a social security card for the student or if there is any paperwork relating to a legal name change in court. If none of this documentation is available or has the requisite naming convention required for the SSID, then the district should use the father's last name since it is most often used when legal name changes occur in such situations. (IBM SSID FAQs – Policy)



### Student Gender

- For the purposes of assigning an SSID, the gender should be reported as it appears on the birth certificate
- If the gender was incorrectly entered onto the birth certificate, report the value as per the parent/student
- For questions regarding transgender students, consult your legal counsel



## **Birth Place City**

- Geographic location where the student was born as it appears on the birth certificate (if foreign born, provided by parent/guardian)
- Typically a city, however, it should be the most specific information that appears on the birth certificate, even if it just says "Ohio"
- Report exactly as it appears on the documentation, including misspellings
- Is used to assign an SSID and is not reported to EMIS



## Admission Reasons – No Existing SSID

Student Locator and Batch Process will first look for an existing SSID and if one is not found, a new SSID will be assigned

- 1 Student transferred from Home School in Ohio
- 2 Student from out of state/out of country
- 3 Student transferred from a nonpublic school in Ohio
- 4 Student enrolling for the first time in Ohio public school/community school because of age (Preschool/Kindergarten)
- 5 Not enrolled in an Ohio public district or community school since 2003 for a reason other than listed above



### Admission Reasons – Existing SSID

Student Locator and Batch Process will look for an existing SSID and if one is not found, an SSID will not be assigned

- 6 Transferred from another Ohio public/community school
- 7 Not newly enrolled in this school district
- 9 Student previously enrolled in Early Childhood program (Prepreschool less than 3 years old)
- C BOR student previously enrolled in an Ohio higher education program



## Quick Check

The accuracy of the IBM SSID database depends upon correct data when SSIDs are assigned. Be sure that school staff understand what data to use when assigning SSIDs.

- Who in your district is entering enrollment data?
- Are data elements being reported as they appear on the birth certificate?
- Are admission reasons being reported appropriately?



# Accessing the IBM SSID Database



#### SSID Accounts

- EMIS reporting entities access the SSID database after obtaining a user account
- The Ohio Department of Health can assign SSIDs to infants
- The Board of Regents (BOR) can assign SSIDs to students attending post-secondary education
- ITCs request SSID accounts on behalf of their districts
  - First Name, Last Name, and Email address
  - District IRN and Building IRN (if applicable)
  - Account type (aka Role)



## **Types of SSID Accounts**

- Read-Only
  - View SSIDs
- Data Entry
  - View and create SSIDs
- Data Entry Administrator
  - View, create, validate, modify, and delete SSIDs
- Administrator
  - View, create, validate, modify, delete SSIDs, and process batch files



#### Accessing the SSID Database

- Website https://www.ohiossid.com
- Verification of IP addresses only allows access from approved LEA and ITC locations
- Usernames and passwords
  - Case sensitive
  - Expire every 90 days
  - Retrieve by email at the login screen
- Sessions time out after 20 minutes of inactivity



#### SSID Login Screen

#### SSID website https://ohiossid.com



#### **SSID Website Home**



### Audit Trail

#### SSID application maintains information regarding

- All online and batch processes
  - New SSID assignments
  - Validations of SSIDs
  - Modifications to SSID elements
- Audit data retained for three most recent changes
  - User ID and their district and building IRN
  - Date/time
  - Old and new values
  - Batch job ID
  - Type of change



## Quick Check

Access to the SSID website is account level based and accounts should be kept current. Be sure to let IBM know when user accounts for your school need to be deleted.

- Are you able to access the SSID website?
- Are there others in your district that could benefit from having access?
- Is someone keeping accounts up to date?



# Assigning SSIDs



## Assigning SSIDs

- Matching Logic
- Student Locator Framework
- Batch Process
- View an SSID
- Create a new SSID
- Request SSID from prior educating entity



## Matching Logic

Determine if an SSID exists or if a new SSID should be assigned

- First looks at the eight of the nine mandatory fields (except admission reason)
- Uses SoundEx to find matching elements
  - Example, John and Jon are considered to be a match
- Three potential outcomes
  - 100% Match
  - No Match Found
  - Potential Duplicate Found



#### Student Locator Framework

- Assigns SSIDs through an automated process
- Set up by your ITC through your Student Information System (SIS)
- Communicates to district staff if additional steps are needed to assign an SSID to a student



#### **Student Locator Emails**

- Email notifications
  - Required fields are *incorrect or incomplete*
  - Multiple near matches are found
- In cases where student information is incomplete or inaccurate, district users can correct this in their SIS
- In cases where multiple near matches exist, resolve them manually via the SSID website



#### SSID Batch Process

- Allows bulk assignment of SSIDs through a file upload/download process
  - A TXT file is generated in the SIS
  - The file is uploaded to the IBM SSID website
  - A file is generated by IBM
  - The file is downloaded from the SSID website
  - The file is loaded into the SIS
- Administrator account required to perform the batch process



### Batch Process

# Generate and save a TXT file from the SIS of students needing an SSID

082719", "082719

• File will contain SSID elements as they appear or do not appear in the SIS Existing Student Code of "N" or "Y" indicates

if an SSID exists in the IBM SSID database

1 META20180305.txt - Notepad

File Edit Format View Help

03/05/2018

The Existing Student Code is derived from the Admission Reason



#### User Accounts and IRNs

- User accounts are associated with a single LEA IRN
- When obtaining SSIDs for LEAs other than the one the user account is associated with, the IRN in the header row must be changed to the IRN associated with their account

1 META20180305.txt - Notepad
File Edit Format View Help
<pre>,"THrosch001",,"03/05/2018 10:11:14",,,,"082719","082719",",",",",",",",",",",",",",",",",",",</pre>

 If the IRN in the header row in the file does not contain the IRN associated with the user's account, the file will not appear in the Batch File Download



## **Batch Process File Upload**

# Allows bulk assignment of SSIDs through a file upload and download





#### Batch Process File Download

#### An email will indicate when the file is ready to download





### Batch Process File Import





### **Result Codes Requiring Action**

Returned when requesting an SSID

- C Multiple Matches Exist New SSID not assigned
  - Search for the SSID manually to determine correct SSID
- F Missing or Invalid Data
  - Add or correct data in the SIS and resubmit the data to IBM
- P No Match Exists SSID Not Returned
- R New SSID Not Assigned Invalid Admission Reason Code
  - Verify that the SSID elements are correct
  - Contact prior LEA for the SSID
  - Ask your ITC to create a helpdesk ticket to IBM to find the SSID



### View an SSID

- Search by four or more elements
  - Last name, first name, gender, and DOB
  - DOB must be entered as mmddyyyy or mm/dd/yyyy
- Search by two elements
  - SSID and last name only
- If the SSID cannot be found
  - Contact the prior school for the SSID
  - Ask your ITC to put in a Helpdesk ticket with IBM
  - Do not create a new SSID if one is known to exist



#### View an SSID, cont'd

View an SID Record		At a minim	nun S	n enter Last Name, Sender, and Date of Birth
	SID *Last Name (Legal) *Gender Middle Name Ethnicity N	First Name (Legal) Date of Birth irth Place City ative Language	If it las	the SSID is known, enter along with the student's st name
	Optional Student Attributes Social Security # M Mandatory Fields	V Nother's Maiden Name Search Reset		EMIS

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## **Duplicate SSID**

 If multiple records exist, add additional elements to the search to determine if these are multiple SSIDs for the same student or if there are multiple students with similar elements

	La	st Name (Legal)	First Name (Legal)	Gender	Date of Birth	Middle Name	Birth Place City	Ethnicity	Language	SID	Create Date
View/Edit Record				Female	6/8/2009			В	ENG		7/23/2014 9:37:42 AM
View/Edit Record				Female	6/8/2009			В	ENG		10/26/2017 8:07:12 AM

 If it is determined that more than one SSID exists for the same student, the newer SSID should be deactivated and linked to the older SSID



Create a Nev	v SSID	Home Create a	new SID	View an SID	Batch Process	R Naintenance News	elease 1.10 Help Log Off
If you w please Create a New Student ID (On-Line Form)	This function allows you yould like to modify the st go to the Modify SID fur	to Create new SID numbers tudent information for an exist action under the Maintenance	s. sting SID e menu.	Only there	create a r is no exis	ן new SSID א sting SSID	when
	*Last Name (Legal)   *Gender  *Middle Name  *  *Ethnicity  *Admission Reason  Optional Student Attr Social Security #	☐ ↓ ibutes	*First Name *Date of Bin *Birth Place *Native Lar	e (Legal) th c City nguage v aiden Name			
	"Mandatory Fields				Create SID Reset	Alliance	35

#### Forced SSID Request

When a matching set of elements exists for a student being assigned a new SSID, users will be prevented from creating a new SSID while verification is done to ensure this is a separate student

An SID for the student potentially exists. Do you want to create a new SID or edit existing record?										
S										
	Last Name (Legal)	First Name (Legal)	Gender	Date of Birth	Middle Name	Birth Place City	Ethnicity	Language	SID	Create Date
Create SID						]	W	ENG		
Edit Existing Record							w	ENG		8/26/2014 11:53:53 AM



#### Forced SSID Request, cont'd

There are potential matching SIDs fo The Help Desk must first review yo Please provide your contact information	A ir	dd contact	
Create a New Student ID (User Contact Inform	nation)	а	nd submit
	*User Last Name  *User First Name  *Phone Number  *Regional Site None  *Email Address  *Mandatory Fields Submit Reset		



## Request SSID from Prior Educating Entity

- When a student moves from one Local Education Agency (LEA) to the next or is involved in multiple LEAs, the SSID should be shared through secure mechanisms that follow State and Federal law, as well as local district policy
- Each LEA should confer with their legal counsel as needed to ensure that student records are stored, maintained, and transferred appropriately and that the SSID is treated in the same secure manner as other confidential student records



## **Quick Check**

SSIDs can be assigned using a variety of methods, however, the method chosen should be assigning an existing SSID to the correct student. Duplication of SSIDs is to be prevented.

- Which SSID assignment methods do you currently use?
- When assigning new SSIDs, how are you ensuring that an SSID does not already exist?
- What steps do you follow when you are unable to find an SSID that is known to exist?



## **SSID Maintenance**



#### Maintenance

#### From the SSID Maintenance menu

- Validate active or inactive SSIDs and view linked SSIDs
- Modify incorrect student data
- Delete invalid SSIDs and link to valid SSIDs

SSID Maintenance	To	delete and to deactivate are			
Validate SID		deleted from the database,			
Modify Student Information	th	they are made inactive			
Delete an Invalid SID Record					



## Validate an SSID

Used to validate the status of an SSID that could be active or inactive and to retrieve the active SSID that was linked to an inactive SSID

Validate an SID	The SSID along with four elements is required when using this function					
	*SID  *Last Name (Legal)  *Gender  *Gender  *Mandatory Fields	*First Name (Legal) *Date of Birth Search Reset				
				EMIS		

## Validate an SSID, cont'd

Five possible outcomes when validating an SSID

- No matching records
- One perfect match SSID is active
- One perfect match SSID is active but one or more of the four attributes do not match (not really perfect)
- One perfect match SSID is inactive and there is an existing active SSID
- One perfect match SSID is inactive and there are no existing active SSIDs



### Attributes Do Not Match

The SID is an Active SID. However, one or more of the four attributes (Last Name, First Name, Date of Birth, and Gender) do not match the attributes associated with the SID. Please validate the attributes entered on the screen. You may view the SID through the 'Modify an SID' or 'View an SID' screens. In order to view the SID record, please follow one of the following options:

- Enter the four attributes (Last Name, First Name, DoB, and Gender)
  - Enter the SID and the Last Name of the student

If you are still unable to resolve the issue, please contact your POC at your DA Site and request that they submit an email to SSIDHelp@us.ibm.com to resolve the issue

1				If the stude	nt is correct	
	Validate an SID					
		CID	Status	but their da	ita is incorrect	
	•	510	ACTIVE	use the "Modify Student		
		Last Name (Legal)	First Name (Legal)	Information" function to		
/	AT UP	Gender	Date of Birth	correct the	data	
Point of Cont	act (POC) at yo	ur				
ITC will subm	it a Helpdesk					
ticket					EMIS	

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## **Modify Student Information**

When it is discovered that student data in the IBM SSID database is incorrect, the data should be corrected



*SID *Last Name (Legal) *Gender	*First Name (Legal) *Date of Birth
Optional Student Attrib Social Security # *Mandatory Fields	Mother's Maiden Name Search Reset



#### Modify Student Information, cont'd

One Matching Record Found		
Modify Student Information		
SID	Update Reset	
"Last Name "First Name "Date of Birth	*Gender	
*Middle Name *Birth Place City *Ethnicity	*Native Language	
"Admission Reason	~	Modify the required information
Optional Student Attributes		
Social Security # Mother's Maiden Name		as needed for the student, then
Additional Student Information		soloct "Undato"
District IRN Called Name Given Name		select opuale
Mother's First Name Mother's Last Name Father's First Nam	e Father's Last Name	
Polio Immunization Date MMR Immunization Date Ditap Immunization	n Date	
Current Address		
Street Number Apartment Character		
Street Name	Street Type	
City State Zip Code	County	
Country Home Phone	Other Phone	$\mathbf{V}$
Full Address 1 Full Address 2		1
*Mandatory Fields	Update Reset	EMIS

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## Delete an Invalid SSID Record

#### **Delete an Invalid SSID**

- Used in the case of a single student who has more than one SSID
- Valid SSID must be entered
- Completed by a user with an Administrator level role
- Not to be used on an active SSID that belongs to a separate student





## Delete an Invalid SSID Record, cont'd

	The Delete Function will be disabled from	n Thursday 7/24/2014 until Wednesday	When searchi	ng for the
Delete an Invalid S	SID Record			
11	*SID		must be enter	ed and
N 231/1			a Deactivatior	n Reason
2 4 L	*Last Name (Legal)	*First Name (Legal)	must be selec	ted
	Gender Female V	*Date of Birth 06/04/1991		
	*Deactivation Reason			
	<ul> <li>New SSID created in error, but not u New SSID created in error and used Student has 2 or more SSIDs report Other reason</li> </ul>	used for state reporting I for state reporting in a closed reporting p ed to state in closed reporting periods,cur	eriod rently not reported to state	
	*Mandatory Fields		Search Reset	
		0		EMIS
				49

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## Link to a Valid SSID



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## Quick Check

SSID maintenance processes are an important part of keeping the SSID database accurate. These processes should be used carefully in appropriate situations.

- When student data for an SSID is changed, is the data updated on the SSID website?
- Have you verified that the SSID is truly a duplicate for an individual student?
- When a duplicate SSID is discovered are steps taken to link the SSIDs?



# SSIDs, EMIS, and ODDEX



## SSIDs in ODDEX

- Once an SSID is reported to EMIS, that SSID must be reported for the remainder of the fiscal year
- The SCR and Records do not remove incorrectly reported SSIDs
  - Assessments reported with an incorrect SSID may still appear under the incorrect SSID
  - Grad Cohort will include data from both SSIDs when the student had an SSID change
- LEAs cannot see the student in ODDEX unless the SSID is reported to EMIS by that LEA with the exception of SCR mismatches, resident students in SOES, resident students in Tuition, and students reported as taking CCP courses by a college
- IBM does not know if an SSID is being reported to EMIS



### **New SSIDs**

- Newly created SSIDs will not be immediately valid in the Data Collector and will appear as Level 1 fatal errors
- A file of valid SSIDs from the IBM SSID database is updated nightly in the Data Collector
- Level 1 errors appear to indicate that the SSID value is missing when it's actually not validating against the SSID table of valid SSIDs
  - FN.0007/FD.0007/GI.0007, for FN050/FD050/GI050 Missing value for State Student ID
- Newly reported SSIDs must be processed in a Student collection before the SSID can be processed through the Staff and Course or Assessment Collections



## **Duplicate SSID**

Student enrolls and is given a new SSID instead of the one reported by the previous LEA

- Keep the SSID active that has been in existence the longest
- Delete the newer SSID and link it to the prior SSID using the "Delete an Invalid SSID" function in the Maintenance Menu
- Report the inactive SSID on the first Student Standing (FS) Record and report the active SSID on the next Student Standing (FS) Record



### Incorrect SSID

Student enrolls and is given an SSID that belongs to another student

- Find the correct SSID for the student
- If this incorrect SSID has been reported to EMIS, it must be reported for the remainder of the fiscal year
- Do not delete/deactivate the incorrect SSID on the SSID website
- Report the incorrect SSID on the first Student Standing (FS) record and report the correct SSID on the next Student Standing (FS) record



#### Incorrect SSID, cont'd

This situation can cause an EPCT error in the SCR, however, once the SSID change is reported correctly, there will be no adjustment on the FTE Reports

> Verify that the student is being funded correctly on the FTE Detail Report and that no adjustment appears on the FTE Adjustment Report

				FTE	appears	onthe		justific	
	LEVEL 2		RESULT	FUND	ENRL				
	REC TYPE	RESULT	CODE	PTTRN	START	ENRL END		ADJSTD	
	CODE 💌	CODE 👻	DESCR 💌	CODI 🔻	DATE 💌	DATE 💌	ORIG F	FTE 💌	
	FTED-001	FT0000	FTE Detail	RGJV	01/04/2018	12/31/2500	0.507937	0.507937	
	FTED-001	FT0000	FTE Detail	RGJV	08/02/2017	12/31/2500	1	1	
1									/I.



### Incorrect SSID Missing Assessment

Three common scenarios when an incorrect SSID appears on an assessment missing report

Scenario 1

- SSID appears on an Assessment Missing Report due to having vendor results
- Missing SSID is not being reported to EMIS
- Ignore the missing
  - Pre ID file submitted to vendor using incorrect SSID
  - Incorrect SSID not reported to EMIS
  - Reporting only the correct SSID to EMIS



## Incorrect SSID Missing Assessment, cont'd

Scenario 2

- SSID appears on an Assessment Missing Report due to having vendor results
- SSID is currently being reported to EMIS
- Report a test record with a Score Not Reported Reason of "H"
  - Example, SSID submitted to Pre ID but later withdrawn with a code of 81 "Student reported in error"



## Incorrect SSID Missing Assessment, cont'd

Scenario 3

- SSID appears on the Missing Report due to having vendor results
- Student is being reported with both SSIDs (two Student Standing FS records)
- Confirm that the scores are being reported using the correct SSID
- Ignore the missing



#### SSIDs and the Graduation Rate

- When a student moves from one LEA to another, the subsequent LEA must report the student with the same SSID as the prior district
- When a different SSID is reported by the subsequent LEA, the student will appear in both LEA graduation rates as he or she appears to be two different students
- If the prior district discovers that the withdrawn student remains in their graduation rate after their ability to report the student to EMIS has closed, they should delete their SSID and link it to the SSID being reported by the subsequent educating district



#### SSID Found to be Inactive

An SSID that has been actively reported by an LEA is suddenly appearing as an invalid SSID in an EMIS Collection

- Use the "Validate an SSID" option in the Maintenance Menu to see if the SSID is appearing as inactive
- When an SSID that should be active is found to be inactive, contact your POC at your ITC to have a helpdesk ticket created to IBM to reactivate the SSID
- The audit process within the SSID database should allow IBM to provide information as to who deleted the SSID



## Withdrawal Code 81

Reporting the withdrawal code 81 - "Student reported in error"

- Should not be used to report a change in SSID
- Student will remain in the SCR
- Student will not appear in History if only reported as withdrawn



## Quick Check

When SSIDs are misreported in EMIS, funding and accountability could be impacted. It is critical to remediate each situation and then verify that funding and accountability are appearing correctly after changes are made.

- Are all steps being completed when SSID changes are made?
- Are students with SSID changes appearing correctly on FTE reports?
- Are students with SSID changes counting correctly in accountability measures?



## Summary

The SSID database relies on proper use and maintenance for accuracy. Understanding how to use the system and when to create new SSIDs, update existing SSIDs, or delete incorrect SSIDs is critical. When you are in doubt of the appropriate steps needed to address a specific situation contact your ITC for assistance.



#### Resources

- Your ITC
  - ITCs have IBM helpdesk accounts to inquire about SSIDs
- SSID Website Help Menu

LEA Account Help Menu

SSID Help

SSID Point of Contacts(POCs)

SSID Users

SSID FAQs Functional (102307).doc

SSID File Format Layout (Attachment 2) v7.0.doc

SSID Help Desk Functionality User Guide v1.0.doc

SSID User Manual v8.0.doc





# Questions?

