

# **COLLECT Matching** and reconciliation

Guidance for academies and free schools

October 2017

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# Background

Matching and reconciliation (M&R) allows academies who have more than one return to merge the data from the multiple sources, thereby creating one return only per school.

You only need to complete matching and reconciliation if you have uploaded data from two separate sources, for instance staff information from the MIS and pay details from your HR system. Academies that only have one return do not need to run M&R.

No data should be amended within the system until M&R has been completed.

There are four stages to this process:

- Run matching
- Resolve matching
- Run reconciliation
- Resolve reconciliation

# Matching

Matching is the first part of the M&R process and is concerned with identifying and matching the data at staff member level. Staff members will only be matched using a predefined set of business rules (for more details please refer to <u>Business & Technical</u> <u>Specification</u>). Using these rules the majority of the staff workforce members' records will be automatically matched. A few will need to be matched manually as some of the key identifying fields vary and the system cannot be certain that two or more records represent the same person.

Returns for a school should have a status of 'Submitted' or 'Loaded\_Validated' in order for matching to be run.

MY DATA RETURN	
The status of your data return : Loaded_and_Validated	
Errors : 34	Queries : 30
What can I do with My Data Return?	
Upload Return from file	Press this button to Import a file into your data return
Add Return on screen	Press this button to Add a new return using a web form
Open Return	Press this button to Open your data return
Submit Return	Press this button to Submit your completed data return
Export to file	Press this button to Export your data return to a file
Launch Reports	Press this button to Report on your data return
Run Matching	Press this button to match records from different sources in your return
Resolve Matching	Press this button to manually match records from different sources in your return
Run Reconciliation	Press this button to automatically reconcile matched records
Resolve Reconciliation	Press this button to manually reconcile matched records
Delete Return	Press this button to Delete your data return

To run matching, go to the source page and select the 'run matching' button

Highlight the school and select the 'add' button.

Matching		
SELECT SOURCES TO MA	лсн	
AVAILABLE SOURCES FOR	MATCHING .	
Available Sources	SA Test School 19	BAA BIA BAA
Selected Sources		Remove Remove All
	Ran Plakking	
0		

This will move the highlighted school to the selected sources box below.

SELECT SOURCES TO MATCH	
AVAILABLE SOURCES FOR MATCHING	
Available Sources	
Selected Sources TDUSchool10  Remove A	

Then select the 'run matching' button.

By selecting this button you will have started the matching process for the return. You will then be returned to the source screen and the matching process will be queued. The status of the return will allow you to see the stage the return is at in the process. You may want to refresh your screen at this point.

#### Status of return during matching process

Awaiting\_matching - the return has been marked ready for matching but is still in a queue waiting for the matching process to start.

Matching\_in\_progress - this is when the matching is actually being completed on that return. While the return has this status then a user cannot view or edit that return.

Matching\_failed - this is when the matching process has failed to complete. In these cases then matching will need to be rerun.

Amended\_by\_source - the matching has been completed and is now ready for the user to check whether a records need to be manually matched.

## **Rules for matching**

Please refer to the <u>Business & Technical Specification</u> for more detail on the rules used for producing the matches. Matching will be performed at staff details level, for instance, identifying whether the staff members are the same individual or could be the same individual. There are two levels of matching, automatic and manual.

Automatic matches – no manual intervention is required, the record will be marked as a match and resolved.

Potential matches - will need to be manually matched.

No match identified – there are no matching records.

#### **Resolve matching**

Once the matching has been run 'amended\_by\_source' is shown as the status, you will need to resolve any records not automatically matched. Click on the 'resolve matching' button to run this.

MY DATA RETURN		
The status of your data return : Loaded_an	d_Validated	Queries : 30
What can I do with My Data Return?		• ************
Upload Return from file	Press this button to Import a file into your o	data return
Add Return on screen	Press this button to Add a new return using	a web form
Open Return	Press this button to Open your data return	
Submit Return	Press this button to Submit your completed	data return
Export to file	Press this button to Export your data return	to a file
Launch Reports	Press this button to Report on your data ret	urn
Run Matching	Press this button to match records from diff	ferent sources in your return
Resolve Matching	Press this button to manually match records	s from different sources in your return
Run Reconciliation	Press this button to automatically reconcile	matched records
Resolve Reconciliation	Press this button to manually reconcile mat	ched records
Delete Return	Press this button to Delete your data return	

#### **Automatic matches**

The example below shows where there are three records, which can be automatically matched as they match on a number of 'key' fields.

For the highlighted teacher (teacher one) the table below shows the teacher number is different, but the NI number, family name and DOB all match. This will result in one individual going through to reconciliation rather than two.

utomatic Matches										No of Automatic M
UTOMATICALLY MATCHED DATA IT	EMS									
First record in set						No of records in set				
: TEACHER, THREE - 08/03/1963						2				
Page 1 of 1										
Page 1 of 1										
MATCHES FOR THIS DATA ITEM	Family Name	Given Name(s)	Former Family Name(s)	Date of Birth	Gender	NI Number	LA No	Estab No	Software Code	Source Level
Page 1 of 1 MATCHES FOR THIS DATA ITEM Result Teacher Number Match - 1 V	Family Name TEACHER	Given Name(s) THREE	Former Family Name(s)	Date of Birth 08/03/1963	Gender Female	NI Number PP000000P	LA No 520	Estab No 1001	Software Code	Source Level

The user does not have to take any action on these matches unless they do not want them to be a match.

utomatic Matches										No of Automatic M
UTOMATICALLY MATCHED DATA ITE	MS									
rst record in set						No of records in set				
EACHER, THREE - 08/03/1963						2				
ge 1 of 1										
CHES FOR THIS DATA ITEM										
sult Teach Number	Family Name	Given Name(s)	Former Family Name(s)	Date of Birth	Gender	NI Number	LA No	Estab No	Software Code	Source Level
sult Teach Number	TEACHER	THREE	Former Family Name(s)	00/00/1063	Gender Female	NI Number PP000000P	520	1001	Software Code MIS_Test	School
tesult Teach Number			Former Family Name(s)							

If user decides that these are in fact not a match, they can change the result from 'Match -1' to 'No match'. To do this use the 'flip all match results' button or change each line by selecting from the 'result' column, then select the 'update matches'. This will result in two workforce members going through to reconciliation rather than one.

#### **Manual matches**

If there are records which match on a few of the key identification fields but not enough, they will be identified in the 'manual matches – unresolved'. COLLECT does not know whether to treat them as one person or not so the user has to resolve these, please see example below.

ecord in set CHER, - 08/05/1963										
					No of rec	ords in set				
					2					
HER, FOUR - 04/06/1963					2					
Te cher Number	Family Name TEACHER	Given Name(s)	Former Family Name(s)	Date of Birth 08/05/1963	Gender Female	NI Number	LA No 520	Estab No 1001	Software Code MIS_Test	Source Level School
1 78 456	Teacher	Two		0010011909	Female	VV000000V	520	1001	SWF Convertor	School

If these are the same person then select 'update matches' and they will be treated as one individual. If the user selects 'flip all match results' button and sets them to 'no match' then they will be treated as two none matching individuals.

# Reconciliation

The aim of reconciliation is to allow the system to decide how to process more than one set of data for a school. It considers which records should be merged and which kept separate. Data reconciliation will be performed automatically using a set of predefined business rules (Please refer to <u>Business & Technical Specification</u>). There is also a requirement for manual reconciliation where data differences across records cannot be resolved automatically.

Unlike matching, which is just done at workforce member level, reconciliation is carried out at record level.

To run reconciliation select the 'run reconciliation' button from the source screen. Schools will only be included in the list if the following criteria are met; they have more than one return, matching has been run and manual matches have been be resolved.

MY DATA RETURN	
The status of your data return : Loaded_and_Validated	
Errors : 34	Queries : 3
What can I do with My Data Return?	
Upload Return from file	Press this button to Import a file into your data return
Add Return on screen	Press this button to Add a new return using a web form
Open Return	Press this button to Open your data return
Submit Return	Press this button to Submit your completed data return
Export to file	Press this button to Export your data return to a file
Launch Reports	Press this button to Report on your data return
Run Matching	Press this button to match records from different sources in your return
Resolve Matching	Press this button to manually match records from different sources in your return
Run Reconciliation	Press this button to automatically reconcile matched records
Resolve Reconciliation	Press this button to manually reconcile matched records
Delete Return	Press this button to Delete your data return

If the return has a status of 'matching\_failed', then matching will have to be rerun before reconciliation can begin.

## **Reconciliation (running)**

Once all the manual matches on a return have been resolved then the user can run reconciliation against that return.

SELECT SOURCES TO REC	CONCILE	
AVAILABLE SOURCES FOR	RECONCILIATION	
Available Sources	SA Test School 19	
Selected Sources		Remove All
	Res Reconclusion	
0		

Highlight the school, click 'add' and then select the 'run reconciliation'.

SELECT SOURCES TO REC	CONCILE	
AVAILABLE SOURCES FOR	R RECONCILLATION	
Available Sources		
Selected Sources	SA Test School 19	Remove Remove Al
	Ran Recordution	

This will start the reconciliation process which will now run in the background and will be queued. It may complete that day or, depending on the number of schools running the reconciliation process and the data contained within the files, it may complete the following day. Use the status of the return to identify whether reconciliation has been run successfully or not.

Awaiting\_reconciliation - the return has been placed in the reconciliation queue but reconciliation has not yet been completed.

Reconciliation\_in\_progress - the return has reached the top of the reconciliation queue and is currently being reconciled.

Reconciliation\_failed - shows that there has been an error during the reconciliation process. This can be caused because the return has been edited after matching and prior to reconciliation. Please note you will need to re-upload both files and rerun the matching process.

Amended\_by\_source - the reconciliation has been completed and is now ready for the user to check whether all records have been automatically reconciled or whether some need to be manually reconciled

While the process of reconciliation is being carried out, the user will not be able to add/edit/delete or open the return.

### **Resolve reconciliation**

Once reconciliation has been run and the 'amended\_by\_source' is shown as the status, you will need to resolve any records not automatically reconciled. Click on the 'resolve reconciliation' button to run this.

MY DATA RETURN	
The status of your data return : Loaded_and_Validated	]
Errors : 34	Queries : 30
What can I do with My Data Return?	
Upload Return from file	Press this button to Import a file into your data return
Add Return on screen	Press this button to Add a new return using a web form
Open Return	Press this button to Open your data return
Submit Return	Press this button to Submit your completed data return
Export to file	Press this button to Export your data return to a file
Launch Reports	Press this button to Report on your data return
Run Matching	Press this button to match records from different sources in your return
Resolve Matching	Press this button to manually match records from different sources in your return
Run Reconciliation	Press this button to automatically reconcile matched records
Resolve Reconciliation	Press this button to manually reconcile matched records
Delete Return	Press this button to Delete your data return

#### **Reconciliation business rules**

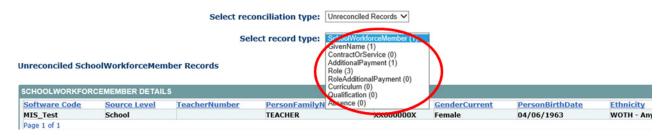
To combine multiple records, the COLLECT system uses defined business rules (please refer to the <u>Business & Technical Specification</u>) to determine when these can be reconciled automatically and when they have to be reconciled manually.

When the status returns to 'amended\_by\_source', the user needs to check the results of the reconciliation. To access results of the reconciliation, select the 'resolve reconciliation' button. The following screen will appear and you have the choice of checking the 'reconciled records' or the 'unreconciled records'.



Reconciled records – no action is required as these are records that COLLECT has been able to automatically reconcile. The number in brackets is the number of records which were reconciled.

Unreconciled records – are records that cannot be resolved using the predefined business rules. In these cases, the user has to make decisions as to which data should be included in the master record.



The user should work down the list of 'record types', reconciling the school workforce members first, then the given name, the contractor service and so on.

Below is an example of a workforce member that needs to be manually reconciled. The bottom half of the screen shows a member record, where some of the information is the same and some differs. The different fields are gender and ethnicity.

			ecord type: School	WorkforceMember (1)								
nreconciled Scho	olWorkforceMember	Records						No	of Unreconciled Records			
CHOOLWORKFOR	CEMEMBER DETAILS											
Software Code MIS_Test Page 1 of 1	Source Level T		ersonFamilyName EACHER		<u>GenderCurrent</u> Female	PersonBirthDate 04/06/1963	Ethnicity WOTH - Any Other	White Background	Disability No	<u>OTStatus</u> True	HLTAStatus False	OISRoute
PARENT MASTER R	ECORD (SOURCE)											
Software Code N/A	Sou N/A	rce Level	Estab 1001	SoftwareCode COLLECT System		Release		DateTime 05/10/2017 11:13:32		LA	SourceLevel School	
										_	_	
OSSIBILE SOURCE	THREATER RECORD	er PersonFamilyNan	ne NINumber	GenderCurrent	PersonBirthDate	Ethnicity	nite Background	Disability	y QTStatus True	HLTAS	tatus C	QTSRoute

By selecting from the drop down options for these fields, the user can select the values that will be included in the 'COLLECT master record' and select the 'update master' button to save those selections.

			Select reconciliati		workforceMember (1) V								
reconciled S	schoolWorkfo	rceMember Rec	ords						No of	Unreconciled Records	:		
HOOLWORK	FORCEMEMBER	R DETAILS											
Software Code 4IS_Test Page 1 of 1	School	Level Teach	erNumber Perso TEAC	nFamilyName IER		GenderCurrent Female	PersonBirthDate 04/06/1963	Ethnicity WOTH - Any	Other White Background	Disability No	OTStatus True	HLTAStatu False	OTSRoute
RENTMAST	R RECORD (SC	URCE)											
oftware Code /A		Source L N/A	evel	Estab 1001	SoftwareCode COLLECT System		Release	SerialNo 1	DateTime 05/10/2017 11:13:32		LA.	SourceLevel School	
SSIBLE SOU	RCES FOR MAS	TER RECORD											
oftware Code	Source Level	TeacherNumber	PersonFamilyName	NINumber	GenderCurrent	PersonBirthDate	Ethnicity		Disability	QTStatus	HLTAS	tatus	QTSRoute
4IS_Test	School		TEACHER	XX000000X	Female	04/06/1963	WOTH - Any Otherse	the Barl ground	No	True	False		
WF Convertor	School	123937	Teacher edited	XX000000X	Male		word - White - British		No	True	False		
		123937	TEACHER	X0000000X	Female ¥	04/06/1963	WOTH - Any Oth	er White Backg	round	True	False		

Once all of the reconciliations have been updated for the first option in the drop down, it will show zero in the select record type box and there will be no further options on the screen. Using the drop down function the user can select the next record type.

SA Test School 1 Select reconciliation toport Unreconciled Records V Select record type: SchoolWorkforceMember (0) V		
Unreconciled SchoolWorkforceMember Records		No of Unreconciled Records: 0
SCHOOLWORKFORCEMEMBER DE TAILS		
PARENT MASTER RECORD		
POSSIBLE SOURCES FOR MASTER RECORD		
	No Records	
	There are no records of this type for this data return	

In the next example there are two given name entries for the workforce member. The middle part of the screen provides details of the workforce member, the bottom part of the screen show the two given name records.

			onciliation type: Unrecond									
		Sel	ect record type: GivenNam	e (1) V				No of Unrecon	ciled Records			
nreconciled Giver	Name Records								1	L		
CHOOLWORKFORC	EMEMBER DETAILS											
Software Code COLLECT System	Source Level School	TeacherNumber 789456	PersonFamilyName TEACHER	NINumber VV000000V	GenderCurrent Female	PersonBirthDate 08/05/1963	Ethnicity WOTH - Any Other Wi	ite Background	Disability No	OTStatus True	HLTAStatus False	OTSRoute
Page 1 of 1												
ARENT MASTER RE	ECORD (SCHOOLWO	RKFORCEMEMBER)										
Software Code	Source Level	TeacherNumber	PersonFamilyName	NINumber	GenderCurrent	PersonBirthDate	Ethnicity		Disability	QTStatus	HLTAStatus	QTSRoute
COLLECT System	School	789456	TEACHER	VV000000V	Female	08/05/1963	WOTH - Any Other Whit	e Background	No	True	False	
	FOR MASTER RECO											
OSSIBLE SOURCES	FOR MASTER RECO	JRD					Software Code	Source Level		PersonGive	Name	
Copy to COLLECT Mas	ter						SWF Convertor	School		Two	invarire	
Copy to COLLECT Mas	iter						MIS_Test	School		TOO		
	please add any additi from above prior to t						_			Two 🗸		
			Update Master									

The user can either save both entries to 'COLLECT master' by first selecting the 'copy to COLLECT master' button to save one entry. Then select the 'update master' to save the second entry.

areconciled Giver	nName Records	Sele	ect record type: GivenNam	e (1) 🗸 🗸				No of Unreco	nciled Records			
CHOOLWORKFOR	EMEMBER DETAILS								-			
Software Code COLLECT System Page 1 of 1	Source Level School	TeacherNumber 789456	PersonFamilyName TEACHER	NINumber VV000000V	GenderCurrent Female	PersonBirthDate 08/05/1963	Ethnicity WOTH - Any Other Whi	ite Background	Disability No	<u>OTStatus</u> True	HLTAStatus False	QTSRoute
PARENT MASTER RI	CORD (SCHOOLWO	RKFORCEMEMBER)										
Software Code COLLECT System	Source Level School	TeacherNumber 789456	PersonFamilyName TEACHER	NINumber VV000000V	GenderCurrent Female	PersonBirthDate 08/05/1963	Ethnicity WOTH - Any Other White	Background	Disability No	QTStatus True	HLTAStatus False	QTSRoute
PO' AIBLE SOURCES	FOR MASTE RECO	080										
Copy to COLLECT Man Copy to COLLECT Man	ter						Software Code SWF Convertor MIS_Test	Source Level School School		PersonGiver Two TOO	nName	
First Given Name - p in the consist order		onal given names updating this record								Two 🗸		

The result of this is that the workforce member will have two given name records in the master COLLECT return.

If only one given name entry is to be included in the master COLLECT return, then select the entry from the 'person given name' drop down list and the select 'update master' button.

			ect record type: GivenNam		]							
nreconciled Give	nName Records							No of Unreco	nciled Records			
CHOOLWORKFOR	CEMEMBER DETAILS	5										
Software Code COLLECT System Page 1 of 1	Source Level School	TeacherNumber 789456	PersonFamilyName TEACHER	NINumber VV000000V	GenderCurrent Female	PersonBirthDate 08/05/1963	Ethnicity WOTH - Any Other Wh	ite Background	Disability No	OTStatus True	HLTAStatus False	OTSRoute
ARENT MASTER RI	ECORD (SCHOOLWO	RKFORCEMEMBER)										
Software Code COLLECT System	Source Level School	TeacherNumber 789455	PersonFamilyName TEACHER	NINumber VV000000V	GenderCurrent Female	PersonBirthDate 08/05/1963	Ethnicity WOTH - Any Other White	Background	Disability No	QTStatus True	HLTAStatus False	QTSRoute
OSSIBLE SOURCES	S FOR MASTER REC	ORD										
Copy to COLLECT Mar Copy to COLLECT Mar	ster						Software Code SWF Convertor MIS_Test	Source Level School School	(	PersonGiver Two TOO		
	please add any additi from above prior to	ional given names updating this record								Two 🗸	)	

In this final example there are two additional payment records for a workforce member, both with the same information. There are no different values to pick from but the user must decide whether they should be treated as two separate additional payments for the workforce member. If this is the case they must use the 'copy to COLLECT master' to save one entry. Then select 'update master' to save the second entry.

		nalPayment												No of Unreco	onciled Ree	cords: 1		
HOOLWO ftware ( DILECT S) ge 1 of 1	ode	Source Level School	and the second	arNumber	PersonFamilyN TEACHER		NINumber PP000000P	Gender( Female	Current	PersonBirthDat 08/03/1963		icity 'H - Any Other	White Backgro	ind	Disabi No	ility OTStatus True	HLTAStatus Faise	OTSRoute
RENTMA	STER REC	ORD (CONTRA	CTORSERVIC	E)														
							- Developedane	ode Original A	ACchool: avail	BasePaySafemuard	dCalary Baue	annePayEram	work Day Review	DateRauRano	Amuminite	avRangeMaximum	HoursPerWeekFTE	loursWeeksPer
	Source Level	ContractType	ContractStart	ContractEndPo	st SchoolArriva	IDateDailyRa	bet/esonation.	oueongaito	ASUMALEYE	cuser up sureyour o	usalal yr ayn	anyer ayr rain	a a fine	Cateraynany		226 26		
de			ContractStart( 31/07/2015		puty	IDateDailyRa	te Destination.		ichool		u salai yrayn			Uniter synamy				
de LLECT item	Level School	Permanent	31/07/2015	De	puty	IDateDailyRa	tepesonatione				usalai yrayn			uater ayriany		386 (A		
de LLECT tem	Level School		31/07/2015 ECORD	De He	puty ad 31/08/2009						usalai yrayn						PayEodDate	
de LLECT stem	Level School	Permanent OR MASTER F	31/07/2015 ECORD	De	puty	rel	PaymentType Teaching and Le	S	ichool				mentAmount		PayStartDa	ite i	PayEndDate 12/02/2017	
	Level School	Permanent OR MASTER F	31/07/2015 ECORD	De He	puty ad 31/08/2009 Source Le	rel	PaymentType	S	ichool		usalai y rayn	Pan	mentAmount		PayStartDa	ite i		

If they are genuine duplicates and only one additional payment is required, select 'update master' and only one of the additional payments will be copied to the master COLLECT return.

# **Rolling back a manual reconciliation**

If the user has incorrectly reconciled a record then they can undo the last reconciliation. To do this select 'reconciled records' from the drop down list on the manual reconciliation screen.

Manual Basan silladian			
Manual Reconciliation			
SA Test School 1	Select reconciliation type:	Reconciled Records	
	Select record type:	AdditionalPayment (3)	Undo Reconciliation
Reconciled AdditionalPayment Records			

Select the appropriate record type from the 'select record type' drop down list. Select the relevant record from the list of records which have previously been reconciled, and then the 'undo reconciliation button'. The user can then work back to unreconcile additional records if required.

When all the manual outstanding reconciliations have been resolved, remember you will need to revalidate the return after finishing your matching and reconciliation.

MY DATA RETURN			
The status of your data return : Amende	ad_by_source		
	Errors : 33	Queries : 11	OK Errors : 0
What can I do with My Data Return?			
Validate Return			
	Press this button to Validate your dat	a return	
Upload Return from file	Press this button to Import a file into	your data return	
Add Return on screen	Press this button to Add a new return	using a web form	
Open Return	Press this button to Open your data n	etum	
Submit Return	Press this button to Submit your comp	pleted data return	
Export to file	Press this button to Export your data	return to a file	
Launch Reports	Press this button to Report on your da	ata return	
Run Matching	Press this button to match records fro	om different sources in your return	
Resolve Matching	Press this button to manually match r	records from different sources in your return	
Run Reconciliation	Press this button to automatically rec	concile matched records	
Resolve Reconciliation	Press this button to manually reconcil	le matched records	
Delete Return	Press this button to Delete your data	return	
What is happening to My Data Return?			
Data Return	Submission	Data Return Approval	Data Return Authorisation
Date Submitted		Date Approved	Date Authorised
out submitted			

You should be left with one visible return in COLLECT, namely 'COLLECT system'. If there is more than one return, then reconciliation has not been completed.

				Approve	All Errors All Notes	Add	View	dit Delet	e Statu
hool Workforce Annual Collection							Drill Up	Error	
iource [2]	Source - s	SA Test School 1							
CBDS Levels	14	Eath	Source Level		Software Code	Rule Errors			
SchoolWorkforceModules	520	Estab 1001	School		COLLECT System	2			
School Workforce Member [13]									
-Given Name		Dat	ta item		Valua	and the second			History
-Former Family Name	SOURCE			and the second second second second		Errors	Queries	OK	100101
Contract or Service [40]	Source Leve	4		School		0	0	0	-
-Additional Payment	LA			520			0	0	
-Role [10]				1001			0		
-Additional Payment	Estab					0	0	0	
-Absence [2]	Software Co	de		COLLECT System		0	0	0	
Curriculum	Release					0	0	0	1
Qualification	Xversion					0	0	0	
LSubjects	Serial No			1		0	0	0	
School	DateTime			2017-08-16 14:42:29		0	0	0	
-Vacancy	View CBDS								View A
Occasionals		Workforce Modules							View Al
Agency TP Support Count [1]	View Schoo View Schoo	Workforce Members	5						View Al
-LA	View Schoo View LA De								View Al View LA

To determine whether M&R has been completed the user can run the 'academy M&R advice report'.

Academy M&R Advi	ce Report		
4 4 1 of 1 ▷	▷』 � 100% ✔	Find   Next 🛛 🛃 🔹 📀 🖨	d
	Matching & Reconcil	iation Advice	
LAEstab	School Name	Status	
0014009	TDUSchool10	M&R Completed	
0014009	IDUSchool10	M&R Completed	

Once you are happy with your return, please remember to submit the data from your front screen.

## Deleting a return within matching and reconciliation

Using the delete function from the front screen will delete all uploads for the academy and return the academy's status to 'No\_Data'.

MY DATA RETURN	
The status of your data return : Loaded_and_Validat	ted
Errors :	34 Queries : 34
What can I do with My Data Return?	
Upload Return from file	Press this button to Import a file into your data return
Add Return on screen	Press this button to Add a new return using a web form
Open Return	Press this button to Open your data return
Submit Return	Press this button to Submit your completed data return
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Run Matching	Press this button to match records from different sources in your return
Resolve Matching	Press this button to manually match records from different sources in your return
Run Reconciliation	Press this button to automatically reconcile matched records
Resolve Reconciliation	Press this button to manually reconcile matched records
Delete Return	Press this button to Delete your data return

If a single upload for an academy is to be deleted rather than all uploads, the user will need to do this within the return.

Open the return

he status of your data return	Loaded_and_Validated		
	Errors : 3	Queries : 6	OK Errors : 0
hat can I do with My Data Ret	um?		
Upload Return	from file Press	s this button to Import a file into your data return	
		s this button to Add a new return using a web form	
Open Re	turnPress	s this button to Open your data return	
Stormer	Press	s this button to Submit your completed data return	
Export to	file Press	s this button to Export your data return to a file	
Launch Re	ports Press	s this button to Report on your data return	
Run Mal	ching Pres	s this button to match records from different sources in your return	
Resolve M	atching Press	s this button to manually match records from different sources in your return	
Run Recon	ciliation Press	s this button to automatically reconcile matched records	
Resolve Rec	onciliation Press	s this button to manually reconcile matched records	
Delete Ro	rturn Press	s this button to Delete your data return	
/hat is happening to My Data R	eturn?		
Dat	a Return Submission	Data Return Approval	Data Return Authorisation
	Submitted	Date Approved	Date Authorised

#### Choose 'view all'

		All Errors All Notes		Add	View. E	Edit Delet	te Statu
ichool Workforce Annual Collection	School Workforce Annual Collection - SA 1	fest School 1					
Source [2]	Errors			OK	Ret	urn Level Note	15
-CBDS Levels	RETURN LEVEL ERRORS (Errors and queries associated with this full return, not individual errors or fields.) 0 3 0					2	
SchoolWorkforceModules							
School Workforce Member [13]	Data Item	Value			Errors		History
-Given Name	HEADER INFORMATION			Errors	Queries	OK	
-Former Family Name	Collection	School Workforce Census					
-Contract or Service [40]				0	0		-
	Year	2017		0	0		
-Additional Payment	Reference Date	2017-11-02		0	0		
-Role [10]	View Source Details						View All
-Additional Payment							

The user will see the two uploads as two lines on the screen. Click on the upload you wish to delete, the background will turn blue. In the top right hand corner click the 'Delete' button

ource				Approve All Entre All Notes	Add	View	Delet	• Stat
School Workforce Annual Collection -Source [4] -CBDS Levels	Source - SA Test S	School 1				Drill Up	Enor	
School VorkforceModules	520 1001 520 1001	Sc	hool	Software Code SWF Convertor MiS_Text	Rule Errors 2 2			
Former Family Name		Data Item		Value	Errors	Errors Queries	ок	Histo
-Additional Payment	SOURCE Source Level LA			School 520	0	0	0	-
-Additional Payment -Absence [2] -Curriculum	Estab Software Code			1001 SWF Convertor	0	0	0	
Gualification	Release Xversion Serial No			10	0	0	0	
School	DateTime View CBDS Levels			2017-08-16 14:41:43	0	0	0	View.
-Occasionals -Agency TP Support Count [1] -LA	View School Workford View School Workford View School Details View LA Details							View. View. View.

It will ask the user to confirm

	Confirm deletion ?	Yes	>	No		
st School 1						
Estab	Source Level	Software Code	Rule Errors			
1001 1001	School School	SWF: Convertor MIS_Test	2			
Data Item	Hann 2	Value		Errors		
Data	nem	Value	Errors	Queries	OK	H
	School		0	0	0	
	520		2	0	0	
	1001		0	0	0	

Please note that this will undo any matching and reconciliation.

# **Common Issues**

The guidance below is provided due to issues that arose during M&R in previous Collections.

- **Revalidating the return** after completing matching and reconciliation the return should be re-validated. Do this by going to the main source data return page and selecting the 'validate return' button. This will remove all the errors associated with the original partial returns and re-validate the data in the master COLLECT return.
- Issues with data some returns have multiple records with very similar or identical data in them, which COLLECT does not resolve. For example, curriculum records with the same year group and subject or multiple contract records which had the same role and post and overlapping start and end periods. The M&R process does not resolve these, as they would seem to be a duplication in the original data from the Management information system (MIS). If the academy experiences this problem then they should investigate why the duplication is occurring in the XML file before trying to complete the M&R process. The academy may need to produce new XML files from its MIS to eliminate these duplicates and then run M&R against the new files. This has typically occurred in contract, curriculum and absence records.
- Amending data once matching is completed but the data not yet reconciled, the information in the returns should not be edited, added to or deleted as this will corrupt the M&R process. If it is necessary to change the information then the user should go back and amend the original return data and re-run M&R on the amended return.

If this is not done, sometimes after running reconciliation the return will have a status of 'reconcilation\_failed'. If this happens the academy will need to re-run matching again, resolve any outstanding matches and re-run reconciliation.

- **Reports** to help academies identify what stage their return is at a number of reports have been provided. These are only relevant for academies using M&R and we would not recommend that these are run by academies who do not use M&R.
- **Blank fields when matching** when matching, if one return has a blank field ('null'), or 'not obtained' and the other return has these fields populated, then the master COLLECT return will be populated with the valid values rather than the 'null' or 'not obtained' values.
- **Completion of M&R** after M&R has been successfully completed there should only be one visible source in COLLECT. This should be the 'COLLECT system'. If there is still more than one source then M&R has not yet been fully completed.
- **Re-running matching** if a return has already been reconciled, re-running the matching again will undo any reconciliation action previously taken.
- **Uploading contact data** when completing contract data, the post and allowance data should also be supplied in the same data upload. If some contract information is included on one data upload and other information is supplied on another

upload, this can result in two contract records being generated even after matching and reconciliation.

# Help

COLLECT access is administered directly by academy approvers for their users. This includes registering for COLLECT, activating your account and giving you access to specific collections. Please get in touch with the approver in your academy who will be able to make sure that you have the appropriate access.

If you are experiencing problems with COLLECT or have a data collection query, please submit a <u>service request</u> to the data collection helpdesk.

If you are having problems logging into secure access, please refer to the 'Help' section on secure access. If you are still unable to resolve your issue, please submit a <u>service</u> <u>request</u> to the SA service desk.



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