

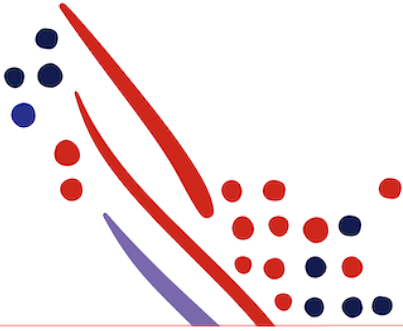
Chapter 2

Use Case: Add or replace additional pay data for a payroll run

from Pay Data Input API Guide for iHCM UK (pilot)

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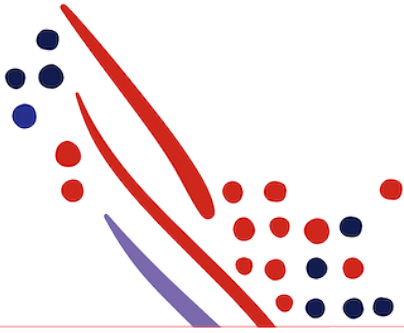
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Chapter Contents

Chapter 2

Pay Data Input API Guide for iHCM UK (pilot)

- Use Case Description
- API Usage
- Application Scope
- Request End Point Parameters
- Request Header Information
- Supported OData Query Options
- Data Dictionary
- Responses
- Validation

Use Case: Add or replace additional pay data for a payroll run

Use Case Description

Pay data inputs added will be considered additional amounts by the ADP iHCM UK Payroll engine.

For all pay data input events that are successfully added, a corresponding unique identifier will be returned in the response body (output/payDataInput/itemID). In the case where a replacement of pay data input is required, this identifier is used to identify the pay data inputs for replacement.

For replacements, all pay data inputs added under the original request are deleted and replaced with the new valid pay data inputs provided in the request body.

Regarding payload size, the recommendation is to send a maximum of 100 pay data inputs per request. Requests with payloads that exceed this limit will be rejected.

API Usage

Method	Uniform Resource Identifier (URI)	Description	GitHub Sample Response Payload
POST	/events/payroll/v1/pay-data-input.add	Add pay data inputs for a variable pay data batch	Successful request Successful response
POST	/events/payroll/v1/pay-data-input.replace	Replace existing pay data inputs	Successful request Successful response

Application Scope

The canonical URI corresponding to the API needs to be added in the Consumer Application Registry (CAR) for the subscription following which a user can access this API and make successful API calls.

The following canonical needs to be added to your application scope to enable these use cases:

/payroll/payrollManagement/payrollProcessing/payDataInputManagement/pay-data-input.add

/payroll/payrollManagement/payrollProcessing/payDataInputManagement/pay-data-input.replace

Request End Point Parameters

There are no request end point parameters.

Request Header Information

There are no request header parameters, in addition to the ADP standard header parameters.

Supported OData Query Options

There is no support for OData parameters.

Data Dictionary

See Appendix A: Data Dictionary on page for data retrieval.

Note:	All listed fields are supported for this use case.
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Responses

You may encounter exceptions outside your common success scenarios. You must account for these exceptions during your initial development.

Uniform Resource Identifier (URI)	Response Code	Response Condition	GitHub Sample Response Payload
/events/payroll/v1/pay-data-input.add	200 OK (Success)	Indicates the application was able to save all pay data inputs (success).	Successful request Successful response
/events/payroll/v1/pay-data-input.add	200 OK (PartiallyFailed)	Indicates there were some pay data inputs that could not be processed, and others were saved successfully.	Partially failed request Partially failed response
/events/payroll/v1/pay-data-input.add	400 Bad Request (Failed)	Indicates all pay data inputs could not be processed.	Failed request Failed response

/events/payroll/v1/pay-data-input.add	403 Forbidden (Failed)	Indicates the consumer doesn't have rights to the payroll group.	Unauthorised request Unauthorised response
/events/payroll/v1/pay-data-input.replace	200 OK (Success)	Indicates the application was able to replace & save all pay data inputs (success).	Successful request Successful response
/events/payroll/v1/pay-data-input.replace	200 OK (PartiallyFailed)	Indicates there were some pay data inputs that could not be processed, and others were saved successfully.	Partially failed request Partially failed response
/events/payroll/v1/pay-data-input.replace	400 Bad Request (Failed)	Indicates all pay data inputs could not be processed.	Failed request Failed response
/events/payroll/v1/pay-data-input.replace	404 - Not Found (Failed)	Indicates all pay data inputs could not be processed because the given itemID was not found.	Not Found request Not Found response

Validation

Validations performed on the Pay Data Input Add API input:

Condition	Error
Pay group code is specified	"payrollGroupCode must be specified."
Pay group code exists	"Invalid payrollGroupCode {payrollGroupCode}."
Requestor has appropriate access to pay group?	"The requestor is not authorized to access payrollGroupCode {payrollGroupCode}."
Payee is specified (either AssociateOID or Payee ID)	"Payee must be specified."
Payee exists	"Invalid payee {associateOID/payeeID}."
Requestor has appropriate access to payee?	"The requestor is not authorized to access payee {associateOID/payeeID}."
Payee exists in the pay group.	"Invalid payee {associateOID/payeeID}. The payee is not assigned to payrollGroupCode {payrollGroupCode}."
Payee is valid for the pay period. <ul style="list-style-type: none"> Payroll profile is effective in the pay period. 	"Invalid payee {associateOID/payeeID}. The payee is not valid for the pay period."

<ul style="list-style-type: none"> • Tax detail record is effective for the whole pay period. • NI detail record is effective for the whole pay period. 	
Pay period is specified (Pay Period Start Date and Pay Period End Date)	"Invalid pay input for payee {associateOID/payeeID} - pay period must be specified for payee {associateOID/payeeID}."
Pay period exists	"Invalid pay period {payPeriodStartDate} - {payPeriodStartDate} for payee {associateOID/payeeID}."
Pay period is not closed	"Invalid pay period {payPeriodStartDate} - {payPeriodStartDate} (not open) for payee {associateOID/payeeID}."
Pay period PDE cut off date not exceeded	"Invalid pay period {payPeriodStartDate} - {payPeriodStartDate} (exceeded cut off date) for payee {associateOID/payeeID}."
Earning Transaction Date is a valid date	"Invalid earnedPayPeriodStartDate {earnedPayPeriodStartDate} for payee {associateOID/payeeID} earningCode {earningCode}."
The payee must have started prior to Earning Transaction Date	"Invalid earnedPayPeriodStartDate {earnedPayPeriodStartDate} (employment must have started before this date) for payee {associateOID/payeeID} earningCode {earningCode}."
The payee must not have left have prior to Earning Transaction Date: When quantity is specified.	"Invalid earnedPayPeriodStartDate {earnedPayPeriodStartDate} (payee left before this date) for payee {associateOID/payeeID} earningCode {earningCode}."
The payee must not have left have prior to Earning Transaction Date: When paying whole amount.	"Payee {associateOID/payeeID} left before earnedPayPeriodStartDate {earnedPayPeriodStartDate} earningCode {earningCode}."
Earning Code is specified	"Invalid earning input for payee {associateOID/payeeID} - earningCode must be specified."
Earning Code exists (for Company)	"Invalid earningCode {earningCode} for payee {associateOID/payeeID}."
If the company earning is a restricted type, verify earning is applicable for assignment.	"Invalid earningCode {earningCode} (restricted use) for payee {associateOID/payeeID}."
Earning is active in pay period	"Invalid earningCode {earningCode} (inactive in pay period) for payee {associateOID/payeeID}."
Earning goal met	WARNING "earningCode {earningCode} earning goal met for payee {associateOID/payeeID}."
Earning Code is not assigned at paygroup	WARNING "earningCode {earningCode} is not assigned payrollGroupCode {payrollGroupCode}"
Earning Quantity or Earning Rate are specified	"Invalid earning input for payee {associateOID/payeeID} - numberOfHours or rateValue must be specified."
Earning Quantity has a maximum of 4 decimal places	"Invalid numberOfHours (maximum of 4 decimal places) for payee {associateOID/payeeID} earningCode {earningCode}."
If Earning Quantity is present: it has a maximum of 6 decimal places.	"Invalid rateValue (maximum of 6 decimal places) for payee {associateOID/payeeID} earningCode {earningCode}."
Else Earning Rate (to pay this whole amount): it has a maximum of 2 decimal places.	"Invalid rateValue (maximum of 2 decimal places when paying whole amount) for payee {associateOID/payeeID} earningCode {earningCode}."

Payroll processing in progress (e.g. calculating)	"Pay period {payPeriodStartDate} - {payPeriodStartDate} temporarily unavailable (payroll processing in progress) for payee {payeeId}."
Payroll processing is complete (e.g. period paid/committed)	"Invalid pay period {payPeriodStartDate} - {payPeriodStartDate} (payroll processing is complete) for payee {payeeId}."

Validations performed on the Pay Data Input Replace API input:

Condition	Error
ItemID is specified	"itemID is mandatory."
Item ID exists	"Invalid itemID {itemID}."
Item ID has open batches eligible for replacement	"itemID {itemID} is complete and can no longer be replaced."
Item ID has unlocked batches	"Pay data batches ({batchDescriptions}) are locked and are temporarily unavailable for replacement."

Note: The same Pay Data Input Add validations are also executed on the pay data inputs given for a Pay Data Input Replace.