

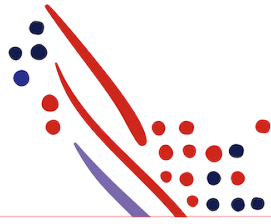
Chapter 1

About this API

from Payroll Data Input
(Payroll Worksheet) API
Guide for ADP
Workforce Now Next
Gen

Published on
Jun 14, 2021, 11:38 AM

Last modified
Aug 02, 2023, 05:19 PM



ADP Copyright Information

ADP, the ADP logo, and Always Designing for People are trademarks of ADP, Inc.

Windows is a registered trademark of the Microsoft Corporation.

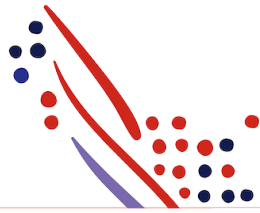
All other trademarks are the property of their respective owners.

Copyright © 2023 ADP, Inc. ADP Proprietary and Confidential - All Rights Reserved. These materials may not be reproduced in any format without the express written permission of ADP, Inc.

These materials may not be reproduced in any format without the express written permission of ADP, Inc. ADP provides this publication "as is" without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability or fitness for a particular purpose. ADP is not responsible for any technical inaccuracies or typographical errors which may be contained in this publication. Changes are periodically made to the information herein, and such changes will be incorporated in new editions of this publication. ADP may make improvements and/or changes in the product and/or the programmes described in this publication.

Published on
Jun 14, 2021, 11:38 AM

Published on
Aug 02, 2023, 05:19 PM



Chapter Contents

Chapter 1

Payroll Data Input (Payroll Worksheet) API Guide for ADP Workforce Now Next Gen

Summary

What's New in this Guide?

July 2023

April 2021

Process Overview

Required Setup Steps

Postman Collection

Before You Begin Using the Payroll Data Input
API

Client Requirements

API User Requirements

Payroll Cycle Requirements

Employee Requirements

Data Dictionary

Batch and Employee Information Data
Dictionary

Earning Inputs Data Dictionary

Processing Rules

Hours and Earnings Data Dictionary

Processing Rules

Deductions Data Dictionary

Processing Rules

Reimbursement Earnings Data Dictionary

Reportable Earnings Data Dictionary

Temporary Cost Number, Temporary
Department Number, and Allocation Data
Dictionary

Processing Rules

About this API

Summary

ADP Workforce Now enables users to create a Pay Data batch for a payroll cycle to include the following:

- Earnings
- Deductions
- Reimbursements
- Bonus shift differential
- Reportable Earnings and Benefits
- Temporary Department Number
- Earnings Period (FLSA Lookback)
- Work Period (Workweek) Start Date

The Payroll Data Input Application Programming Interface (API) enables you to build a data connector application for clients to transmit data that is sourced in your application to a specific Pay Data batch in ADP Workforce Now.

What's New in this Guide?

July 2023

- Revised Chapter 1: Data Dictionary
 - Added metadata for Earnings Period Start & End Date
 - Added fields for Work Period (Work Week) Start Date
 - Added codeValue for tipped wages: Direct Cash Tips, Direct NonCash Tips, Indirect Cash Tips, Indirect NonCash Tips and Makeup Wages
- Adding the following in Chapter 2: Adding Entries in a Pay Data Batch
 - Response Code, Condition, Github Links in the **Responses** including Workweek and Tipped Hours Indicator
- Revised the following in Chapter 5: Known Issues and Limitations
 - Removed Issue 3: earnedPayPeriodStartDate & earnedPayPeriodEndDate fields
- Added the following in Chapter 6 Appendix A: Pay Data Types Handled by the Payroll Data Input API
 - Removed Coded Hours and Earnings since this is not applicable in NG
 - Added "Tipped Hours Indicator" within configuration tags

April 2021

- Initial release for WorkforceNow Next Gen

Process Overview

The following table illustrates how clients use your data connector application, which is built using the Payroll Data Input API.

| | Actor | Task Description |
|---|----------------------|---|
| 1 | Payroll Practitioner | Selects the company code, employees, and file numbers to be imported. |
| 2 | Payroll Practitioner | Enters a batch number and initiating the Pay Data import. |

| | Actor | Task Description |
|---|----------------------|--|
| 3 | Your application | Automatically creates a new batch and imports Pay Data in ADP Workforce Now. |
| 4 | Payroll Practitioner | Reviews the import result on the ADP Workforce Now Paydata page. |
| 5 | Payroll Practitioner | Takes actions to balance and adjust, as needed. Note: To keep your data in sync with what's on the Paydata page in ADP Workforce Now, data must be adjusted in your data connector application. |

Required Setup Steps

Postman Collection

Postman allows you to import a collection of APIs, created by others, so you can try them out. For more information on Postman, see [Making Your First API Call Using Postman](#).

To download API collections for the Payroll Data Input API from the ADP GitHub library and import them to Postman, go to the [Paydata Input Modify Postman Collection](#).

Before You Begin Using the Payroll Data Input API

The following sections document the requirements for using the Payroll Data Input API.

Client Requirements

The client must meet the following requirements:

- Must be the United States.

API User Requirements

The API user making the request must be assigned to a profile having the following permissions:

- ADP Workforce Now menu access: **Process > Payroll > Payroll Worksheet**
- Payroll and People Access: View and edit access to target company codes

Payroll Cycle Requirements

To process the API request, the payroll cycle status must be either **Entering Payroll Information** or **Correcting Input**, otherwise the request will cause an error.

Employee Requirements

Before including any employee in the API request, make sure the employee is in an ADP Workforce Now paid position.

Data Dictionary

Batch and Employee Information Data Dictionary

Using the resources listed in the following table, data sent through the Payroll Data Input API eliminates the need for the user to enter batch and employee information data manually in ADP Workforce Now.

| Schema Location | Field Name | Business Rules | Notes |
|--|---------------|-----------------|--|
| /eventContext/payrollGroupCode/codeValue | Pay Group | Always Required | A client could have multiple company codes. To create a Pay Data batch, the client needs to select the company code first. |
| /eventContext/payrollProcessingJobID | Batch ID | | The client needs to assign the batch an ID. The ID doesn't need to be unique, as the system would append system generated characters if the ID is used by an existing batch. |
| /eventContext/payDate | Pay Date | Optional | Payroll pay date. Note: if no pay date is provided the data will be posted to the current open payroll |
| /payDataInput/payeePayInputs/associateOID | Not Displayed | | To retrieve the value for an employee, use GET workers. |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payrollFileNumber | File # | | |
| /payDataInput/payeePayInputs/payNumber | Pay Number | | The client needs to assign a payNumber to be used for all entries included in the batch. |

Earning Inputs Data Dictionary

Using the resources listed in the following table, regular and overtime earning input data sent through the Payroll Data Input API eliminates

the need to enter this data manually in ADP Workforce Now.

Code **R** is reserved for **Regular Earnings** and **O** is reserved for **Overtime Earnings**.

| Schema Location | Paydata Page Location | |
|---|------------------------------|--|
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/earningCode/codeValue | NA | The Earning Code Use the "payData" in the M |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/rateCode | Rate Code | |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/rate/rateValue | Temp Rate | The Temp |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/rate/currencyCode | NA | The Cur |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/numberOfHours | Hours | The Hou |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/earningsAmount/amountValue | Amount | The Am |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/earningsAmount/currencyCode | NA | The Cur |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/workWeekDatePeriod/startDate | Work Week Start Date | Work W hours/e |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/earnedPayPeriodStartDate | Earned Pay Period Start Date | The star Overtim |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/earnedPayPeriodEndDate | Earned Pay Period End Date | The end Lookbac |

Processing Rules

Based on the values included in the payload, ADP Workforce Now will process data according to business rules. ADP Workforce Now has the following out of box earning codes:

- **R = Regular Earning**
- **O = Overtime Earning**

The following table outlines various input combinations and process results.

| | Common Use | /rate/ rateValue | /numberOfHours | /earnings Amount/ amountValue | Displayed on Payroll Worksheet. (V Successful) | | |
|---|---|---------------------|----------------|-------------------------------------|---|----------|----------|
| | | | | | RegHours | O/THours | TempRate |
| 1 | Send in Hours for Regular Earning . | Null | Not Null | Null | Not Null | Null | Null |
| 2 | Send in Hours for Overtime Earning . | Null | Not Null | Null | Null | Not Null | Null |
| 3 | Send in Temp Rate and Hours for Regular Earning . | Not Null | Not Null | Null | Not Null | Null | Not Null |
| 4 | Send in Temp Rate and Hours for Overtime Earning . | Not Null | Not Null | Null | Null | Not Null | Not Null |
| 5 | Send in Amount for Regular Earning . | Null | Null | Not Null | Null | Null | Null |
| 6 | Send in Amount for Overtime Earning . | Null | Null | Not Null | Null | Null | Null |

| | Common Use | /rate/ rateValue | /numberOfHours | /earnings Amount/ amountValue | Displayed on Payroll Worksheet. (V Successful | | |
|---|---|---------------------|----------------|-------------------------------------|--|----------|------|
| 7 | Send in both Hours and Amounts for Regular Earning . | Null | Not Null | Not Null | Not Null | Null | Null |
| 8 | Send in both Hours and Amounts for Overtime Earning . | Null | Not Null | Not Null | Null | Not Null | Null |

Hours and Earnings Data Dictionary

Using the resources listed in the following table, coded hours and earnings data sent through the Payroll Data Input API eliminates the need to enter this data manually in ADP Workforce Now.

| Schema Location |
|---|
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/earningCode/codeValue |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/earningsAmount/amountValue |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/earningsAmount/currencyCode |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/rate/rateValue |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/rate/currencyCode |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/numberOfHours |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/earningCode/codeValue/{{policyName}}.TIP_AMOUNT_EX |

| Schema Location |
|---|
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/earningCode/codeValue/{{policyName}}.TIP_AMOUNT_IN |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/earningCode/codeValue/{{policyName}}.TIP_AMOUNT_EX |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/earningCode/codeValue/{{policyName}}.TIP_AMOUNT_IN |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/earningCode/codeValue/{{policyName}}.MAKE_UP_ADVIS |

Processing Rules

Based on values included in the payload, ADP Workforce Now will process data according to business rules. The following table outlines various input combinations and processing results.

| | Common Use | /rate/rateValue | /numberOfHours | /earningsAmount/amountValue | Displayed on Payroll Worksheet. (When request is processed Successfully) | |
|---|--|-----------------|----------------|-----------------------------|--|-------------------------------|
| 1 | Send in Hours for client configured Hours and Earnings Field type: Additional Earnings | Null | Not Null | Null | Data sent from /numberOfHours is displayed under Additional Earnings . | If data from ra they a |
| 2 | Send in Amount for client configured Hours and Earnings Field type: Additional Earnings | Null | Null | Not Null | Data sent from /amountValue is displayed under Additional Earnings . | If data from ra they a |

Deductions Data Dictionary

Using the resources listed in the following table, deductions data sent through the Payroll Data Input API eliminates the need to enter this data manually in ADP Workforce Now.

| Schema Location | Field Name |
|---|-----------------------------------|
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/deductionInputs/deductionCode/codeValue | Various, depends on the Deduction |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/deductionInputs/deductionRate/rateValue | Rate |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/deductionInputs/deductionRate/currencyCode | Not Displayed |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/deductionInputs/deductionRate/baseUnitCode/codeValue | Use the value from met |

Processing Rules

The value in **Rate** must be part of the payload to post a deduction adjustment or deduction entry.

Reimbursement Earnings Data Dictionary

Using the resources listed in the following table, deductions data sent through the Payroll Data Input API eliminates the need to enter this data manually in ADP Workforce Now.

| Schema Location | Field Name |
|--|--|
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/reimbursementInputs/reimbursementCode/codeValue | Various, depends on the Reimbursement Code |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/reimbursementInputs/reimbursementAmount/amountValue | Amount |

Reportable Earnings Data Dictionary

Using the resources listed in the following table, deductions data sent through the Payroll Data Input API eliminates the need to enter this data manually in ADP Workforce Now.

| Schema Location |
|-----------------|
|-----------------|

| Schema Location |
|--|
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/reportableEarningAndBenefitInputs/reportableEarningAndBenefitCode |
| /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/reportableEarningAndBenefitInputs/reportableEarningAndBenefitAmount |

Temporary Cost Number, Temporary Department Number, and Allocation Data Dictionary

Using the resources listed in the following table, your data connector application can post Temporary Cost Number, Temporary Department Number, and Allocation position details through the Payroll Data Input API. This eliminates the need to enter this data manually in ADP Workforce Now using the **Paydata** page.

| POST | Schema Location | Field |
|-----------------------------|---|----------------------|
| Temporary Department Number | /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/payAllocation | Not Displayed |
| Temporary Department Number | /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/payAllocation/allocationID | Not Displayed |
| Temporary Department Number | /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/payAllocation/allocationTypeCode | Not Displayed |
| Temporary Department Number | /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/payAllocation/allocationTypeCode/codeValue | Temporary Department |
| Temporary Department Number | /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/payAllocation/allocationTypeCode/shortName | Not Displayed |
| Temporary Cost Number | /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/payAllocation | Not Displayed |

| POST | Schema Location | Field |
|-----------------------|---|-----------------------|
| Temporary Cost Number | /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/payAllocation/allocationID | Not Displayed |
| Temporary Cost Number | /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/payAllocation/allocationTypeCode | Not Displayed |
| Temporary Cost Number | /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/payAllocation/allocationTypeCode/codeValue | Temporary Cost Number |
| Temporary Cost Number | /payDataInput/payeePayInputs/payrollProfilePayInputs/payInputs/payAllocation/allocationTypeCode/shortName | Not Displayed |

Processing Rules

Based on values included in the payload, ADP Workforce Now processes data according to business rules. The following table outlines the various input combinations and processing results.

| | Common Use | /payAllocation/allocationID | /payAllocation/allocationTypeCode/codeValue | Displayed on Payroll Worksheet (When request is processed Successfully) |
|---|--|-----------------------------|---|--|
| 1 | Send in Temporary Department Number . | 3 | 002000 (Any value which is set up in the Validation table for Department) | Data sent from the following is displayed under Temporary Department Number : /allocationTypeCode /codeValue |
| 2 | Send in Temporary Cost Number . | 2 | COST1 (Any value which is set up in the Validation table for Cost Number) | Data sent from the following is displayed under Temporary Cost Number : /allocationTypeCode /codeValue |