



Mass update salary calculations

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Perform salary calculations

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Perform salary calculations if you are using salary tables. This tab is used to automatically calculate salaries for active employees (pay status 1) that are linked to the salary tables. You can quickly calculate salaries and automatically update important fields in the employee record.

The screenshot displays the 'Salary Calculation' interface. At the top, there is a breadcrumb trail 'Utilities > Mass Update' and a 'Payroll' dropdown menu. A 'Year: N' field is visible in the top right corner. The main area is titled 'Parameters' and contains several sections:

- Pay Status:** Radio buttons for 'Active' (selected), 'Inactive', and 'Both'. A 'Reset' button is located to the right.
- Primary Campus:** A dropdown menu set to 'All'.
- Payoff Date:** An input field.
- Pay Campus:** A dropdown menu set to 'All'.
- Frequency:** A dropdown menu set to 'F MONTHLY NYR'.
- Contract Begin Date:** An input field.
- Salary Concept:** A dropdown menu set to 'A Use annual salary table'.
- Contract End Date:** An input field.
- Extract ID:** An input field.
- Contract Months:** An input field.
- Employee Nbr:** An input field.
- Pay Type:** A dropdown menu set to 'All'.
- Job Code:** A dropdown menu set to 'All'.
- Accrual Code:** A dropdown menu set to 'All'.
- Pay Grade:** An input field.
- Prior Yr Emp Date:** An input field set to '01-06-2024'.

Below the parameters, there is a navigation bar with tabs: 'DEDUCTIONS', 'LEAVE', 'EMPLOYEE', 'EXTRA DUTY', 'JOB CODE', and 'SALARY CALCULATION' (which is currently selected). Under the 'SALARY CALCULATION' tab, there is a 'Type of Calculation' section with radio buttons for 'Salary' (selected) and 'State Minimum Only'. An 'Execute' button is located to the right of this section. At the bottom left, there is a checkbox labeled 'Apply Percent of Day Employed to Salary Amount'.



TIP: Salary calculations should not be done multiple times for an employee using the midpoint table.

A report provides a listing of errors prior to completing the process. Clear all errors and perform the calculations as often as necessary. All errors should be cleared before continuing. If employee errors are encountered, the listed employees are not updated. If the employee has multiple jobs and one of those jobs does not have all or part of the salary table information selected on the Job Info tab, errors are displayed and updates are not processed. When calculations are performed on one concept and the employee has multiple concepts, errors are displayed if any of the other concepts are incomplete and updates are not processed.

The system automatically uses the new contract amount and distributes it among the employees' master distribution records based on the existing percentage. The new amount displays regardless of the option selected in the **Distributions Built by Amt %** field on the [Payroll or Personnel > Tables > District HR Options](#). Manual modifications may be necessary to employees' salary distribution codes, amounts, and/or percentages after performing salary calculations.

The following fields must be completed on the Job Info tab for pay type 1, 2, and 3 employees:

- **Pay Grade**
- **Step**
- **Max Days** - If the **Max Days** field is not populated, salary calculations will only process if the field is not linked to the **Annual Salary Concept**. If the field is linked to the **Annual Salary Concept**, this field must be populated to run salary calculations.

- **Begin Date**
- **End Date**
- The **OVTM Rate** field and the **# of Days Employed** field are calculated when the **OVTM** flag and **Calendar Code** fields are populated on the Job Info tab.
- If the **State Step** field is populated on the Job Info tab, the amount from the state minimum salary table is entered in the **State Min Salary** field.



CAUTION: The **State Min Salary** field is calculated by multiplying either the **State Min Days** or the **# of Days Employed** by the appropriate daily rate from the state minimum salary table for all pay types that have state min. The **% Assigned** field in the **State Info** section on the Job Info tab is also considered in this calculation. The **State Min Salary** field should be checked closely and manually updated, if necessary, after performing salary calculations.

- If an employee has an extra duty account type G on the Pay Info tab, it is added to the **Total** field for the contract on the primary job.
- If an employee has a business allowance account type T or B amount with remaining payments and/or an extra duty account type S amount with remaining payments and distribution codes totaling 100% exists in the master distribution record for the account type, the appropriate distribution records are updated.
- If the **# of Annual Payments** and **Contract Total** fields are greater than zero, the **Pay Rate** field is calculated by dividing the **Contract Total** by the **# of Annual Payments**. If the **# of Annual Payments** and/or **Contract Total** are not populated, the **Pay Rate** is not calculated.
- If the **# of Days Empld** and **Contract Total** fields are greater than zero, the **Daily Rate of Pay** field is calculated by dividing the **Contract Total** by the **# of Days Employed**. If the **# of Days Employed** and/or **Contract Total** are not populated, the **Daily Rate of Pay** is not calculated.
- Other fields that are updated on the Job Info tab are:
 - Accrual Rate - If the accrual code exists and the **# of Days Empld** and **Contract Total** fields are greater than zero, the **Accrual Rate** field is calculated by dividing the **Contract Total** by the **# of Days Employed**. The amount is rounded to three decimal places.
 - Contract Total and Balance
 - Pay type 3 employee salaries are calculated based on the hourly/daily or midpoint salary table information. If the local annual table is used, errors are displayed when performing mass salary calculations.
 - When using the hourly/daily salary schedule, calculations are based on the **Hrs Per Day** field x the **Amount** field from the salary table x the **# of Days Employed** field from the Job Info tab. The resulting amount populates the **Contract Total** and **Balance** fields on the Job Info tab.
 - When using the midpoint salary schedule, calculations are based on the **Midpoint** field x the **Amount** field from the salary table x the **# of Days Employed** field from the Job Info tab. The resulting amount populates the **Contract Total** and **Balance** fields on the Job Info tab.
 - If the **# of Days Employed** field is not populated, the **Contract Total** and **Balance** fields are not calculated.
- If not performing mass salary calculations for hourly employees, manually update the **Contract Total** on the Job Info tab and distribution information. This salary information is extracted to Budget and used for PEIMS reporting.

- On the Job Info tab, there is a **Calculate** button, salary calculations can be done for an individual rather than doing salary calculations in Mass Update for groups of employees. The **Calculate** button on the Job Info tab will render the same results as doing the Mass Update salary calculations.
- The **Automatically Compute** fields on the District HR Options page assist in manually updating employees. By using this feature, the pay rate, daily rate, dock rate, accrual rate, and overtime rate can all be automatically calculated when the annual contract and days employed are entered on the Job Info tab.

Midpoint Calculation Examples

| Pay Grade | Pay Type | Minimum | Maximum | Midpoint | Max Percent Pay Increase | Mid Percent Pay Increase | Max Inc/Dec Amount | Mid Inc/Dec Amount | Hour |
|-----------|-----------------------|---------|---------|----------|------------------------------------|------------------------------------|--------------------|--------------------|------|
| 1 | 1 Contracted employee | 203.680 | 305.530 | 254.605 | <input type="text" value="0.000"/> | <input type="text" value="2.000"/> | 0.000 | 5.092 | 8.00 |
| 2 | 1 Contracted employee | 224.040 | 336.070 | 280.055 | <input type="text" value="0.000"/> | <input type="text" value="2.000"/> | 0.000 | 5.601 | 8.00 |

[Calculate](#)



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