



midpointcalculationexamples

Table of Contents

Midpoint Calculation Examples 1

Midpoint Calculation Examples

The system calculates the Base Annual amount as follows:

- $\text{Hrs/Day} \times \# \text{ of Days Empld} = \text{Annual Hours} \times \text{Midpoint} = \text{Base Annual}$

Example: $7.5 \text{ Hrs/Day} \times 175 \# \text{ of Days Empld} = 1312.50 \text{ Annual Hours} \times \$35.00 \text{ Midpoint} = \$45,937.50 \text{ Base Annual}$

Midpoint hourly rate calculations:

When the **Hours** field on the Salaries > Midpoint tab is populated with hours for a type 3-Hourly employee (e.g., 5.5 hours), the system will calculate the **Minimum**, **Midpoint**, and **Maximum** fields as an hourly rate.

- If the **Pay Rate** is less than **Minimum** or is between **Minimum/Midpoint** or **Midpoint/Maximum** amounts, then the **Pay Rate** will remain the same unless the **Maximum /Midpoint** pay increase field is used on the Calculate/Data Preview window. If the increase by percent is utilized, then the **Pay Rate** will update by the increased amount only.

Example: If the **Pay Rate** is 7.75 (below the Midpoint rate of 8.00), and if the **Midpoint** is increased by 1% ($8.00 \times 0.01 = 0.08$), the **Pay Rate** will update and increase to 7.83 ($7.75 + 0.08$). Likewise, if the user enters a negative percent (-1%), the program will decrease the **Pay Rate** by 0.08 and set the **Pay Rate** back to 7.67.

- If the **Pay Rate**, **Contract Total**, and **Contract Balance** fields equal 0.00, the system will update to the **Minimum** amount.

Midpoint daily rate calculations:

When the **Hours** field on the Salaries > Midpoint tab is populated with 0.00 hours for a type 2-Non-contracted emp, the system will calculate the Minimum, Maximum, and Midpoint fields as a daily rate.

Example: $\text{Minimum Daily Rate} (75.00) \times \# \text{ of Days Empld} (187) = \text{Annual Contract Amount} (14,025) / \# \text{ Annual Payments} (12) = \text{Pay Rate} (1,168.75)$

- If a current employee is being calculated and their **Pay Rate** is between the **Minimum/Midpoint** or the **Midpoint/Maximum** amounts, then the daily rate will remain the same.

Example: $\text{Daily Rate on Job Info tab} (77.00) \times \# \text{ of Days Empld} (187) = \text{Annual Contract Amount} (14,399) / \# \text{ Annual Payments} (12) = \text{Pay Rate} (1,199.91)$

- If a current employee is being calculated and their **Pay Rate** is OVER the **Maximum**, the system will update the employee to the **Maximum**.

Example: $\text{Daily Rate on the Job Info tab} (95.00) \times \# \text{ of Days Empld} (187) = \text{Annual Contract Amount} (17,765) / \# \text{ Annual Payments} (12) = \text{Pay Rate} (1,480.41)$. This amount is OVER the **Maximum**, and the system will update to the $\text{Maximum Daily Rate} (90.00) \times \# \text{ of Days Empld} (187) = \text{Annual Contract Amount} (16,830) / \# \text{ Annual Payments} (12) = \text{Pay Rate} (1,402.50)$. The system reduces the salary to the Maximum amount because the original **Pay Rate** was OVER the **Maximum** amount.

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- If the **Maximum** or **Midpoint** pay increase field is used on the Data Preview – Mass Update Midpoint window on either Utilities > Mass Update page; or Maintenance > Staff Job/Pay > Job Info, the **Pay Rate** will update by the increased amount only.

Examples:

- Employee falls in between the **Minimum** and **Midpoint** range. Daily Rate on Job Info page (77.00) x # of Days Empld (187) = Annual Contract Amount (14,399)/# Annual Payments (12) = Pay Rate (1,199.91). 1% is entered into the **Mid Percent Pay Increase** column on the Data Preview window. **Midpoint** is $82.50 \times 1\% = .825$ increase. The system will update the Daily Rate to 77.825 (77.00 + .825) x # of Days Empld (187) = Annual Contract Amount of 14,553/# Annual Payments (12) = Pay Rate (1,212.75).
- Employee is OVER **Maximum** range. Daily Rate on the Job Info page (95.00) x # of Days Empld (187) = Annual Contract Amount (17,765)/# Annual Payments (12) = Pay Rate (1,480.41). 1% is entered into the **Max Percent Pay Increase** column on the Data Preview window. **Maximum** is $90.00 \times 1\% = .90$ increase. The system will update the Daily Rate to 90.90 (90.00 + .90) x # of Days Empld (187) = Annual Contract Amount (16,998)/# Annual Payments (12) = Pay Rate (1,416.50). The system reduces the salary to the **Maximum** amount plus the increase because the original Pay Rate was OVER the **Maximum** amount.



Back Cover