



## midpointcalculationexamples



# Table of Contents

<b>Midpoint Calculation Examples .....</b>	<b>1</b>
--	----------



# 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.

- 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  $(77.00) \times \# \text{ of Days Empld } (187) = \text{Annual Contract Amount } (14,399) / \# \text{ Annual Payments } (12) = \text{Pay Rate } (1,199.91)$ . 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  $(77.00 + .825) \times \# \text{ of Days Empld } (187) = \text{Annual Contract Amount of } 14,553 / \# \text{ Annual Payments } (12) = \text{Pay Rate } (1,212.75)$ .
- Employee is OVER **Maximum** range. Daily Rate on the Job Info page  $(95.00) \times \# \text{ of Days Empld } (187) = \text{Annual Contract Amount } (17,765) / \# \text{ Annual Payments } (12) = \text{Pay Rate } (1,480.41)$ . 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  $(90.00 + .90) \times \# \text{ of Days Empld } (187) = \text{Annual Contract Amount } (16,998) / \# \text{ Annual Payments } (12) = \text{Pay Rate } (1,416.50)$ . The system reduces the salary to the **Maximum** amount plus the increase because the original Pay Rate was OVER the **Maximum** amount.



## Back Cover