# BERLIN MAYOR AND COUNCIL <br> Work Session <br> Meeting Agenda 

Berlin Town Hall
10 William Street
Monday, November 27, 2023

Please note that the times indicated below are approximate. Also, note additional timing protocols that may be indicated for specific agenda items.

6:00 PM Work Session - Council Chambers

1. 6:00 PM Opening Statement - Mayor Zack Tyndall
2. 6:05 PM Discussion Re: Town of Berlin Employee Step and Grade System
3. 7:25 PM Adjournment

To access the Meeting via Facebook, please click the blue Facebook icon at the top of any page on www.berlinmd.gov, or type @townofberlinmd in the Facebook search bar. QR code links to online packet.

Anyone having questions about the meetings mentioned above or needing special accommodations should contact Town Administrator Mary Bohlen at (410) 641-2770. Written materials in alternate formats for persons with disabilities are made available upon request. TTY users dial 7-1-1 in the State of Maryland/outside Maryland dial 1-800-735-2258.

TO: Mayor and Council
FROM: Kelsey Jensen, Human Resources Director
MEETING DATE: November 13, 2023
SUBJECT:

## STAFF REPORT

Step and Grade System for FY 2025

## SUMMARY:

Last fiscal year the Town of Berlin hired PayPoint HR to conduct a wage and compensation study. This study required a thorough assessment of each position and then compared those positions to other agencies in our area. PayPoint then provided a report where they outlined what 20-80\% of the market compensation was for similar roles. Upon completion, the Council indicated that they would like to place the employees at $50 \%$ of the market value for their position, but due to financial constraints, they were only able to bring staff to $35 \%$ of the market for FY 2024, with the intent to work to meeting $50 \%$ of market.

In preparation for the FY 2025 budget process, I have been asked to work through a few options and I need some guidance from the Mayor and Council before proceeding. PayPoint recommended figures to implement a step and grade system that the Town could utilize in FY2025. PayPoint said they felt it was important to stick to annual increases if we implement a step and grade system or we will end up further behind the market and may risk losing the confidence and trust of employees. They also noted that we may value positions differently than they have, so we may not agree with the recommended placements of positions and may need to evaluate them individually. It is important to recall that the step and grade system is based on wage increases and that Cost of Living Adjustment (COLA) is separate and not part of the wage increase percentage.

It is also important when working through these considerations to recall that placement of positions (job titles) on the step and grade scale is based on the job, not on the individual currently fulfilling the role. When we began this process, we did so with the understanding that it would take several years to get the system fully in place, particularly for existing employees and that one of the primary initial goals was to get each position placed on the scale so that future hiring for a given position could be done within certain parameters. Placing current, tenured employees appropriately is a more involved consideration, but still should be done without being based as much on the individual as on the job duties and time.

A few questions I have of you all:

1. Do you want to bring staff to $50 \%$ of the market in FY 2025, implement the step and grade system for FY 2025, or do a combination of the two?
2. If we implement a Step and Grade system, do we agree with the placement of positions as provided? There are a few that may need to be amended to fit our internal organizational hierarchy.
3. Do you want to factor in full tenure for employees? Please keep in mind, we do not know how much experience the comparators in the market had. Some of those comparators may have been in the position for a year and others 20 years.
4. What about staff that have prior experience in the position with another organization? i.e., if someone served in the position for 10 years with another organization but then came here to perform the same or similar duties. How would you like me to address placement. I can address them case by case.
5. What about staff that have recently taken over a new position within the organization but have prior years of service with Berlin? i.e., someone was promoted or transferred to their current placement last year but has been with the Town for 10 years. How would you like me to address placement? I can address them case by case. What about staff that are only moving on the step and grade scale to bring them to a starting step. Do we want to do this this year, or should we hold off on those individuals at this time?

## FINANCIAL IMPACT:

The financial impact is not available currently. I need guidance before I can run real scenarios. Please note that any impacts will also affect FICA (7.65\%), Workers Compensation (varies based on position), Maryland State Retirement (roughly $11 \%$ for employees \& roughly $37 \%$ for sworn officers), and Vacation Buyback figures. Once I have guidance from this body, I will report back with figures and adjustments can be made as needed.

## OPTIONS FOR CONSIDERATION TO START:

*Please note, all positions have already been assigned a grade by PayPoint HR. They can be changed based on internal hierarchy and organizational needs. With any option below, I will still need guidance on how to address prior experience internally and externally. Or I can discuss this further on a case-by-case basis with the Town Administrator to determine each employee's prior background experience and we can determine the base placement for each person.

Also, regardless of what path is taken, all positions will be brought to a step if they are not moving for tenure, some may be moved to a higher step than their tenure may require. All positions will also cap out at step 21, they can still receive Cost of Living increases if they are awarded, but they would not move forward with steps once they reach step 21.

1. Implement the $50 \%$ market rate in FY 2025. Bring all staff to $50 \%$ of the market and then place them on their grade and bring them to the nearest step based on the $50 \%$ pay rate.
2. Do not bring staff to $50 \%$ of the market value and instead, bring all employees to their level of tenure on the step and grade system while bringing all other staff members to the nearest step based on their current pay rate to get them on the pay scale.
3. Break tenure into two fiscal years, FY 2025 bring all employees to half of their level of tenure on the step and grade system while bringing all other staff members to the nearest step based on their current pay rate to get them on the pay scale, then FY 2026 move staff to the remaining steps.
4. Build a new step and grade system with more grades to create more space between positions and then place employees however you have directed from the above options. I.e., an employee who has only been here for two years but is placed at step 10 due to their current compensation to be at a higher grade but a lower step, so they do not cap out as quickly. It would be unfair for someone who caps out after 10 years of being here only because they are currently being compensated higher so currently at step 11.

## STAFF RECOMMENDATION

At this time, I recommend scheduling a Work Session to begin this discussion as it would not be recommended to try to discuss during a regular session. We need to begin this conversation soon to have direction for budget preparation.

## ADDITIONAL INFORMATION/ATTACHMENTS:

- Paypoint HR Wage Compensation and Classification Study.
- The Step and Grade System I created based on the information provided by PayPoint HR.
- A step and grade system I created with more grades.

| 7/01/2023 |  | FY24 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | Step 8 | Step 9 | Step 10 | Step 11 | Step 12 | Step 13 | Step 14 | Step 15 | Step 16 | Step 17 | Step 18 | Step 19 | Step 20 | Step 21 |  |
| Grade 1 | $\begin{array}{r} 31,200 \\ 1,200 \\ 15.00 \\ \hline \end{array}$ | $\begin{array}{r} 31,980 \\ 1,230 \\ 15.38 \\ \hline \end{array}$ | $\begin{array}{r} 32,780 \\ 1,261 \\ 15.76 \\ \hline \end{array}$ | $\begin{array}{r} 33,599 \\ 1,292 \\ 16.15 \\ \hline \end{array}$ | $\begin{array}{r} 34,439 \\ 1,325 \\ 16.56 \\ \hline \end{array}$ | $\begin{array}{r} 35,300 \\ 1,358 \\ 16,97 \\ \hline \end{array}$ | $\begin{array}{r} 36,182 \\ 1,392 \\ 17.40 \\ \hline \end{array}$ | $\begin{array}{r} 37,087 \\ 1,426 \\ 17,83 \end{array}$ | $\begin{array}{r} 38,014 \\ 1,462 \\ 18.28 \\ \hline \end{array}$ | $\begin{array}{r} 38,965 \\ 1,499 \\ 18.73 \\ \hline \end{array}$ | $\begin{array}{r} 39,939 \\ 1,536 \\ 19.20 \\ \hline \end{array}$ | $\begin{array}{r} 40,937 \\ 1,575 \\ 19.68 \\ \hline \end{array}$ | $\begin{array}{r} 41,961 \\ 1,614 \\ 20.17 \\ \hline \end{array}$ | $\begin{array}{r} 43,010 \\ 1,654 \\ 20.68 \\ \hline \end{array}$ | $\begin{array}{r} 44,085 \\ 1,696 \\ 21.19 \\ \hline \end{array}$ | $\begin{array}{r} 45,187 \\ 1,738 \\ 21.72 \\ \hline \end{array}$ | $\begin{array}{r} 46,317 \\ 1,781 \\ 22.27 \\ \hline \end{array}$ | $\begin{array}{r} 47,474 \\ 1,826 \\ 22.82 \end{array}$ | $\begin{array}{r} 48,661 \\ 1,872 \\ 23.39 \\ \hline \end{array}$ | $\begin{array}{r} 49,878 \\ 1,918 \\ 23.98 \\ \hline \end{array}$ | $\begin{array}{r} 51,125 \\ 1,966 \\ \$ 24.58 \\ \hline \end{array}$ | Grade |
| $\begin{array}{r} \text { Grade } \\ 2 \end{array}$ | $\begin{array}{r} 32,760 \\ 1,260 \\ 15.75 \\ \hline \end{array}$ | $\begin{array}{r} 33,579 \\ 1,292 \\ 16.14 \\ \hline \end{array}$ | $\begin{array}{r} 34,418 \\ 1,324 \\ 16.55 \\ \hline \end{array}$ | $\begin{array}{r} 35,279 \\ 1,357 \\ 16.96 \\ \hline \end{array}$ | $\begin{array}{r} 36,161 \\ 1,391 \\ 17.39 \\ \hline \end{array}$ | $\begin{array}{r} 37,065 \\ 1,426 \\ 17.82 \\ \hline \end{array}$ | $\begin{array}{r} 37,992 \\ 1,461 \\ 18.27 \\ \hline \end{array}$ | $\begin{array}{r} 38,941 \\ 1,498 \\ 18.72 \\ \hline \end{array}$ | $\begin{array}{r} 39,915 \\ 1,535 \\ 19.19 \\ \hline \end{array}$ | $\begin{array}{r} 40,913 \\ 1,574 \\ 19.67 \\ \hline \end{array}$ | $\begin{array}{r} 41,936 \\ 1,613 \\ 20.16 \\ \hline \end{array}$ | $\begin{array}{r} 42,984 \\ 1,653 \\ 20.67 \\ \hline \end{array}$ | $\begin{array}{r} 44,059 \\ 1,695 \\ 21.18 \\ \hline \end{array}$ | $\begin{array}{r} 45,160 \\ 1,737 \\ 21.71 \\ \hline \end{array}$ | $\begin{array}{r} 46,289 \\ 1,780 \\ 22.25 \\ \hline \end{array}$ | $\begin{array}{r} 47,446 \\ 1,825 \\ 22.81 \end{array}$ | $\begin{array}{r} 48,632 \\ 1,870 \\ 23.38 \\ \hline \end{array}$ | $\begin{array}{r} 49,848 \\ 1,917 \\ 23,97 \\ \hline \end{array}$ | $\begin{array}{r} 51,094 \\ 1,965 \\ 24.56 \\ \hline \end{array}$ | $\begin{array}{r} 52,372 \\ 2,014 \\ 25.18 \\ \hline \end{array}$ | $\begin{array}{r} 53,681 \\ 2,065 \\ 25.81 \\ \hline \end{array}$ | Grade <br> 2 |
| Grade 3 | $\begin{array}{r} 34,398 \\ 1,323 \\ 16.54 \end{array}$ | $\begin{array}{r} 35,258 \\ 1,356 \\ 16.95 \end{array}$ | $\begin{array}{r} 36,139 \\ 1,390 \\ 17.37 \end{array}$ | $\begin{array}{r} 37,043 \\ 1,425 \\ 17,81 \end{array}$ | $\begin{array}{r} 37,969 \\ 1,460 \\ 18.25 \\ \hline \end{array}$ | $\begin{array}{r} 38,918 \\ 1,497 \\ 18.71 \end{array}$ | $\begin{array}{r} 39,891 \\ 1,534 \\ 19.18 \end{array}$ | $\begin{array}{r} 40,888 \\ 1,573 \\ 19.66 \\ \hline \end{array}$ | $\begin{array}{r} 41,911 \\ 1,612 \\ 20.15 \\ \hline \end{array}$ | $\begin{array}{r} 42,958 \\ 1,652 \\ 20.65 \\ \hline \end{array}$ | $\begin{array}{r} 44,032 \\ 1,694 \\ 21.17 \\ \hline \end{array}$ | $\begin{array}{r} 45,133 \\ 1,736 \\ 21.70 \\ \hline \end{array}$ | $\begin{array}{r} 46,261 \\ 1,779 \\ 22.24 \\ \hline \end{array}$ | $\begin{array}{r} 47,418 \\ 1,824 \\ 22.80 \\ \hline \end{array}$ | $\begin{array}{r} 48,603 \\ 1,869 \\ 23.37 \\ \hline \end{array}$ | $\begin{array}{r} 49,819 \\ 1,916 \\ 23,95 \\ \hline \end{array}$ | $\begin{array}{r} 51,064 \\ 1,964 \\ 24.55 \\ \hline \end{array}$ | $\begin{array}{r} 52,341 \\ 2,013 \\ 25.16 \\ \hline \end{array}$ | $\begin{array}{r} 53,649 \\ 2,063 \\ 25.79 \\ \hline \end{array}$ | $\begin{array}{r} 54,990 \\ 2,115 \\ 26.44 \end{array}$ | $\begin{array}{r} 56,365 \\ 2,168 \\ 27.10 \end{array}$ | Grade <br> 3 |
| Grade | $\begin{array}{r} 36,118 \\ 1,389 \\ 17.36 \end{array}$ | $\begin{array}{r} 37,021 \\ 1,424 \\ 17,80 \end{array}$ | $\begin{array}{r} 37,946 \\ 1,459 \\ 18.24 \\ \hline \end{array}$ | $\begin{array}{r} 38,895 \\ 1,496 \\ 18.70 \\ \hline \end{array}$ | $\begin{array}{r} 39,867 \\ 1,533 \\ 19.17 \\ \hline \end{array}$ | $\begin{array}{r} 40,864 \\ 1,572 \\ 19.65 \\ \hline \end{array}$ | $\begin{array}{r} 41,886 \\ 1,611 \\ 20.14 \\ \hline \end{array}$ | $\begin{array}{r} 42,933 \\ 1,651 \\ 20.64 \\ \hline \end{array}$ | $\begin{array}{r} 44,006 \\ 1,693 \\ 21.16 \\ \hline \end{array}$ | $\begin{array}{r} 45,106 \\ 1,735 \\ 21.69 \\ \hline \end{array}$ | $\begin{array}{r} 46,234 \\ 1,778 \\ 22.23 \\ \hline \end{array}$ | $\begin{array}{r} 47,390 \\ 1,823 \\ 22.78 \\ \hline \end{array}$ | $\begin{array}{r} 48,575 \\ 1,868 \\ 23.35 \\ \hline \end{array}$ | $\begin{array}{r} 49,789 \\ 1,915 \\ 23.94 \\ \hline \end{array}$ | $\begin{array}{r} 51,034 \\ 1,963 \\ 24.54 \\ \hline \end{array}$ | $\begin{array}{r} 52,309 \\ 2,012 \\ 25.15 \\ \hline \end{array}$ | $\begin{array}{r} 53,617 \\ 2,062 \\ 25.78 \\ \hline \end{array}$ | $\begin{array}{r} 54,958 \\ 2,114 \\ 26,42 \\ \hline \end{array}$ | $\begin{array}{r} 56,332 \\ 2,167 \\ 27.08 \\ \hline \end{array}$ | $\begin{array}{r} 57,740 \\ 2,221 \\ 27,76 \\ \hline \end{array}$ | $\begin{array}{r} 59,183 \\ 2,276 \\ 28.45 \\ \hline \end{array}$ | Grade |
| Grade 5 | $\begin{array}{r} 37,924 \\ 1,459 \\ 18.23 \\ \hline \end{array}$ | $\begin{array}{r} 38,872 \\ 1,495 \\ 18.69 \end{array}$ | $\begin{array}{r} 39,844 \\ 1,532 \\ 19.16 \\ \hline \end{array}$ | $\begin{array}{r} 40,840 \\ 1,571 \\ 19.63 \end{array}$ | $\begin{array}{r} 41,861 \\ 1,610 \\ 20.13 \\ \hline \end{array}$ | $\begin{array}{r} 42,907 \\ 1,650 \\ 20.63 \\ \hline \end{array}$ | $\begin{array}{r} 43,980 \\ 1,692 \\ 21.14 \\ \hline \end{array}$ | $\begin{array}{r} 45,079 \\ 1,734 \\ 21.67 \\ \hline \end{array}$ | $\begin{array}{r} 46,206 \\ 1,777 \\ 22.21 \\ \hline \end{array}$ | $\begin{array}{r} 47,362 \\ 1,822 \\ 22.77 \\ \hline \end{array}$ | $\begin{array}{r} 48,546 \\ 1,867 \\ 23.34 \\ \hline \end{array}$ | $\begin{array}{r} 49,759 \\ 1,914 \\ 23.92 \\ \hline \end{array}$ | $\begin{array}{r} 51,003 \\ 1,962 \\ 24.52 \\ \hline \end{array}$ | $\begin{array}{r} 52,278 \\ 2,011 \\ 25.13 \\ \hline \end{array}$ | $\begin{array}{r} 53,585 \\ 2,061 \\ 25.76 \\ \hline \end{array}$ | $\begin{array}{r} 54,925 \\ 2,112 \\ 26.41 \\ \hline \end{array}$ | $\begin{array}{r} 56,298 \\ 2,165 \\ 27.07 \\ \hline \end{array}$ | $\begin{array}{r} 57,706 \\ 2,219 \\ 27.74 \\ \hline \end{array}$ | $\begin{array}{r} 59,148 \\ 2,275 \\ 28.44 \\ \hline \end{array}$ | $\begin{array}{r} 60,627 \\ 2,332 \\ 29.15 \\ \hline \end{array}$ | $\begin{array}{r} \mathbf{6 2 , 1 4 3} \\ \begin{array}{r} 2,390 \\ 29.88 \end{array} \\ \hline \end{array}$ | Grade 5 |
| Grade | $\begin{array}{r} 39,820 \\ 1,532 \\ 19.14 \\ \hline \end{array}$ | $\begin{array}{r} 40,815 \\ 1,570 \\ 19.62 \\ \hline \end{array}$ | $\begin{array}{r} 41,836 \\ 1,609 \\ 20.11 \\ \hline \end{array}$ | $\begin{array}{r} 42,882 \\ 1,649 \\ 20.62 \\ \hline \end{array}$ | $\begin{array}{r} 43,954 \\ 1,691 \\ 21.13 \\ \hline \end{array}$ | $\begin{array}{r} 45,053 \\ 1,733 \\ 21.66 \\ \hline \end{array}$ | $\begin{array}{r} 46,179 \\ 1,776 \\ 22.20 \\ \hline \end{array}$ | $\begin{array}{r} 47,333 \\ 1,821 \\ 22.76 \\ \hline \end{array}$ | $\begin{array}{r} 48,517 \\ 1,866 \\ 23.33 \\ \hline \end{array}$ | $\begin{array}{r} 49,730 \\ 1,913 \\ 23.91 \\ \hline \end{array}$ | $\begin{array}{r} 50,973 \\ 1,960 \\ 24.51 \\ \hline \end{array}$ | $\begin{array}{r} 52,247 \\ 2,010 \\ 25.12 \\ \hline \end{array}$ | $\begin{array}{r} 53,553 \\ 2,060 \\ 25.75 \end{array}$ | $\begin{array}{r} 54,892 \\ 2,111 \\ 26.39 \end{array}$ | $\begin{array}{r} 56,265 \\ 2,164 \\ 27.05 \\ \hline \end{array}$ | $\begin{array}{r} 57,671 \\ 2,18 \\ 27.18 \\ \hline \end{array}$ | $\begin{array}{r} 59,113 \\ 2,274 \\ 28.42 \\ \hline \end{array}$ | $\begin{array}{r} 60,591 \\ 2,330 \\ 29.13 \\ \hline \end{array}$ | $\begin{array}{r} 62,106 \\ 2,389 \\ 29.86 \\ \hline \end{array}$ | $\begin{array}{r} 63,658 \\ 2,448 \\ 30.60 \end{array}$ | $\begin{array}{r} 65,250 \\ 2,510 \\ 31.37 \\ \hline \end{array}$ | Grade <br> 6 |
| $\begin{array}{r} \text { Grade } \\ 7 \end{array}$ | $\begin{array}{r} 41,811 \\ 1,608 \\ 20.10 \\ \hline \end{array}$ | $\begin{array}{r} 42,856 \\ 1,648 \\ 20.60 \end{array}$ | $\begin{array}{r} 43,928 \\ 1,690 \\ 21.12 \\ \hline \end{array}$ | $\begin{array}{r} 45,026 \\ 1,732 \\ 21.65 \\ \hline \end{array}$ | $\begin{array}{r} 46,152 \\ 1,775 \\ 22.19 \\ \hline \end{array}$ | $\begin{array}{r} 47,305 \\ 1,819 \\ 22.74 \\ \hline \end{array}$ | $\begin{array}{r} 48,488 \\ 1,865 \\ 23.31 \\ \hline \end{array}$ | $\begin{array}{r} 49,700 \\ 1,912 \\ 23.89 \\ \hline \end{array}$ | $\begin{array}{r} 50,943 \\ 1,959 \\ 24.49 \\ \hline \end{array}$ | $\begin{array}{r} 52,216 \\ 2,008 \\ 25.10 \\ \hline \end{array}$ | $\begin{array}{r} 53,522 \\ 2,059 \\ 25.73 \\ \hline \end{array}$ | $\begin{array}{r} 54,860 \\ 2,110 \\ 26.37 \\ \hline \end{array}$ | $\begin{array}{r} 56,231 \\ 2,163 \\ 27.03 \\ \hline \end{array}$ | $\begin{array}{r} 57,637 \\ 2,217 \\ 27.71 \\ \hline \end{array}$ | $\begin{array}{r} 59,078 \\ 2,272 \\ 28.40 \\ \hline \end{array}$ | $\begin{array}{r} 60,555 \\ 2,329 \\ 29.11 \\ \hline \end{array}$ | $\begin{array}{r} 62,069 \\ 2,387 \\ 29.84 \\ \hline \end{array}$ | $\begin{array}{r} 63,620 \\ 2,447 \\ 30.59 \\ \hline \end{array}$ | $\begin{array}{r} 65,211 \\ 2,508 \\ 31.35 \\ \hline \end{array}$ | $\begin{array}{r} 66,841 \\ 2,571 \\ 32.14 \\ \hline \end{array}$ | $\begin{array}{r} 68,512 \\ 2,635 \\ 32.94 \\ \hline \end{array}$ | Grade $7$ |
| Grade <br> 8 | $\begin{array}{r} 43,902 \\ 1,689 \\ 21.11 \\ \hline \end{array}$ | $\begin{array}{r} 44,999 \\ 1,731 \\ 21.63 \end{array}$ | $\begin{array}{r} 46,124 \\ 1,774 \\ 22.18 \\ \hline \end{array}$ | $\begin{array}{r} 47,277 \\ 1,818 \\ 22.73 \\ \hline \end{array}$ | $\begin{array}{r} 48,459 \\ 1,864 \\ 23.30 \\ \hline \end{array}$ | $\begin{array}{r} 49,671 \\ 1,910 \\ 23.88 \\ \hline \end{array}$ | $\begin{array}{r} 50,912 \\ 1,958 \\ 24.48 \\ \hline \end{array}$ | $\begin{array}{r} 52,185 \\ 2,007 \\ 25.09 \\ \hline \end{array}$ | $\begin{array}{r} 53,490 \\ 2,057 \\ 25.72 \\ \hline \end{array}$ | $\begin{array}{r} 54,827 \\ 2,109 \\ 26.36 \\ \hline \end{array}$ | $\begin{array}{r} 56,198 \\ 2,161 \\ 27.02 \\ \hline \end{array}$ | $\begin{array}{r} 57,603 \\ 2,215 \\ 27.69 \\ \hline \end{array}$ | $\begin{array}{r} 59,043 \\ 2,271 \\ 28.39 \end{array}$ | $\begin{array}{r} 60,519 \\ 2,328 \\ 29.10 \\ \hline \end{array}$ | $\begin{array}{r} 62,032 \\ 2,386 \\ 29.82 \\ \hline \end{array}$ | $\begin{array}{r} 63,583 \\ 2,445 \\ 30.57 \\ \hline \end{array}$ | $\begin{array}{r} 65,172 \\ 2,507 \\ 31.33 \\ \hline \end{array}$ | $\begin{array}{r} 66,801 \\ 2,569 \\ 32.12 \\ \hline \end{array}$ | $\begin{array}{r} 68,471 \\ 2,634 \\ 32.92 \\ \hline \end{array}$ | $\begin{array}{r} 70,183 \\ 2,699 \\ 33.74 \\ \hline \end{array}$ | $\begin{array}{r} 71,938 \\ 2,767 \\ 34.59 \\ \hline \end{array}$ | Grade <br> 8 |
| $\begin{array}{r} \text { Grade } \\ 9 \end{array}$ | $\begin{array}{r} 46,097 \\ 1,773 \\ 22.16 \\ \hline \end{array}$ | $\begin{array}{r} 47,249 \\ 1,817 \\ 22.72 \\ \hline \end{array}$ | $\begin{array}{r} 48,430 \\ 1,863 \\ 23.28 \\ \hline \end{array}$ | $\begin{array}{r} 49,641 \\ 1,909 \\ 23.87 \\ \hline \end{array}$ | $\begin{array}{r} 50,882 \\ 1,957 \\ 24.46 \\ \hline \end{array}$ | $\begin{array}{r} 52,154 \\ 2,006 \\ 25.07 \\ \hline \end{array}$ | $\begin{array}{r} 53,458 \\ 2,056 \\ 25.70 \\ \hline \end{array}$ | $\begin{array}{r} 54,794 \\ 2,107 \\ 26.34 \\ \hline \end{array}$ | $\begin{array}{r} 56,164 \\ 2,160 \\ 27.00 \\ \hline \end{array}$ | $\begin{array}{r} 57,568 \\ 2,214 \\ 27.68 \\ \hline \end{array}$ | $\begin{array}{r} 59,008 \\ 2,270 \\ 28.37 \\ \hline \end{array}$ | $\begin{array}{r} 60,483 \\ 2,326 \\ 29.08 \\ \hline \end{array}$ | $\begin{array}{r} 61,995 \\ 2,384 \\ 29.81 \\ \hline \end{array}$ | $\begin{array}{r} 63,545 \\ 2,444 \\ 30.55 \\ \hline \end{array}$ | $\begin{array}{r} 65,133 \\ 2,505 \\ 31.31 \\ \hline \end{array}$ | $\begin{array}{r} 66,762 \\ 2,568 \\ 32.10 \\ \hline \end{array}$ | $\begin{array}{r} 68,431 \\ 2,632 \\ 32.90 \\ \hline \end{array}$ | $\begin{array}{r} 70,141 \\ 2,698 \\ 33.72 \\ \hline \end{array}$ | $\begin{array}{r} 71,895 \\ 2,765 \\ 34.56 \\ \hline \end{array}$ | $\begin{array}{r} 73,692 \\ 2,834 \\ 35.43 \\ \hline \end{array}$ | $\begin{array}{r} 75,535 \\ 2,905 \\ 36.31 \\ \hline \end{array}$ | $\begin{array}{r} \text { Grade } \\ 9 \end{array}$ |
| $\begin{array}{r} \text { Grade } \\ 10 \end{array}$ | $\begin{array}{r} 48,401 \\ 1,862 \\ 23.27 \end{array}$ | $\begin{array}{r} 49,611 \\ 1,908 \\ 23.85 \end{array}$ | $\begin{array}{r} 50,852 \\ 1,996 \\ 24.45 \end{array}$ | $\begin{array}{r} 52,123 \\ 2,005 \\ 25.06 \end{array}$ | $\begin{array}{r} 53,426 \\ 2,055 \\ 25.69 \end{array}$ | $\begin{array}{r} 54,762 \\ 2,106 \\ 26.33 \end{array}$ | $\begin{array}{r} 56,131 \\ 2,159 \\ 26.99 \end{array}$ | $\begin{array}{r} 57,534 \\ 2,213 \\ 27.66 \end{array}$ | $\begin{array}{r} 58,972 \\ 2,268 \\ 28.35 \end{array}$ | $\begin{array}{r} 60,447 \\ 2,325 \\ 29.06 \end{array}$ | $\begin{array}{r} 61,958 \\ 2,383 \\ 29.79 \end{array}$ | $\begin{array}{r} 63,507 \\ 2,443 \\ 30.53 \end{array}$ | $\begin{array}{r} 65,095 \\ 2,504 \\ 31.30 \end{array}$ | $\begin{array}{r} 66,722 \\ 2,566 \\ 32.08 \end{array}$ | $\begin{array}{r} 68,390 \\ 2,630 \\ 32.88 \end{array}$ | $\begin{array}{r} 70,100 \\ 2,696 \\ 33.70 \end{array}$ | $\begin{array}{r} 71,852 \\ 2,764 \\ 34.54 \end{array}$ | $\begin{array}{r} 73,649 \\ 2,833 \\ 35.41 \end{array}$ | $\begin{array}{r} 75,490 \\ 2,903 \\ 36.29 \end{array}$ | $\begin{array}{r} 77,377 \\ 2,976 \\ 37.20 \end{array}$ | $\begin{array}{r} 79,311 \\ 3,050 \\ 38.13 \end{array}$ | $\begin{array}{r} \text { Grade } \\ 10 \end{array}$ |
|  | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | Step 8 | Step 9 | Step 10 | Step 11 | Step 12 | Step 13 | Step 14 | Step 15 | Step 16 | Step 17 | Step 18 | Step 19 | Step 20 | Step 21 |  |


| 7/01/2023 |  | $\begin{gathered} \text { FY24 } \\ \text { COLA } \end{gathered}$ |  |  |  | FY 2025 Salary Scale $\quad$ FY25 $\quad$ COLA ${ }^{\text {a }}$ ( ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | Step 8 | Step 9 | Step 10 | Step 11 | Step 12 | Step 13 | Step 14 | Step 15 | Step 16 | Step 17 | Step 18 | Step 19 | Step 20 | Step 21 |  |
| Grade | $\begin{array}{r} 50,822 \\ 1,955 \\ 244.43 \\ \hline \end{array}$ | $\begin{array}{r} 52,092 \\ 2,004 \\ 25.04 \\ \hline \end{array}$ | $\begin{array}{r} 53,394 \\ 2,054 \\ 25.67 \\ \hline \end{array}$ | $\begin{array}{r} 54,729 \\ 2,105 \\ 26.31 \\ \hline \end{array}$ | $\begin{array}{r} 56,097 \\ 2,158 \\ 26.97 \\ \hline \end{array}$ | $\begin{array}{r} 57,500 \\ 2,212 \\ 27,64 \\ \hline \end{array}$ | $\begin{array}{r} 58,937 \\ 2,267 \\ 28.34 \\ \hline \end{array}$ | $\begin{array}{r} 60,411 \\ 2,323 \\ 29.04 \\ \hline \end{array}$ | $\begin{array}{r} 61,921 \\ 2,382 \\ 29.77 \\ \hline \end{array}$ | $\begin{array}{r} 63,469 \\ 2,441 \\ 30.51 \\ \hline \end{array}$ | $\begin{array}{r} 65,056 \\ 2,502 \\ 31,28 \\ \hline \end{array}$ | $\begin{array}{r} 66,682 \\ 2,565 \\ 32.06 \\ \hline \end{array}$ | $\begin{array}{r} 68,349 \\ 2,629 \\ 32.86 \\ \hline \end{array}$ | $\begin{array}{r} 70,058 \\ 2,695 \\ 33.68 \end{array}$ | $\begin{array}{r} 71,809 \\ 2,762 \\ 34.52 \\ \hline \end{array}$ | $\begin{array}{r} 73,605 \\ 2,831 \\ 35.39 \\ \hline \end{array}$ | $\begin{array}{r} 75,445 \\ 2,902 \\ 36.27 \\ \hline \end{array}$ | $\begin{array}{r} 77,331 \\ 2,974 \\ 37.18 \\ \hline \end{array}$ | $\begin{array}{r} 79,264 \\ 3,049 \\ 38.11 \\ \hline \end{array}$ | $\begin{array}{r} 81,246 \\ 3,125 \\ 39.06 \\ \hline \end{array}$ | $\begin{array}{r} 83,277 \\ 3,203 \\ 40.04 \\ \hline \end{array}$ | $\begin{array}{r\|} \hline \text { Grade } \\ 11 \end{array}$ |
| $\begin{array}{r} \text { Grade } \\ 12 \end{array}$ | $\begin{array}{r} 53,363 \\ 2,052 \\ 25.66 \end{array}$ | $\begin{array}{r} 54,697 \\ 2,104 \\ 26.30 \\ \hline \end{array}$ | $\begin{array}{r} 56,064 \\ 2,156 \\ 26.95 \end{array}$ | $\begin{array}{r} 57,466 \\ 2,2,210 \\ 27.63 \end{array}$ | $\begin{array}{r} 58,902 \\ 2,265 \\ 28.32 \\ \hline \end{array}$ | $\begin{array}{r} 60,375 \\ 2,322 \\ 29.03 \\ \hline \end{array}$ | $\begin{array}{r} 61,884 \\ 2,380 \\ 29.75 \end{array}$ | $\begin{array}{r} 63,431 \\ 2,440 \\ 30.50 \\ \hline \end{array}$ | $\begin{array}{r} 65,017 \\ 2,501 \\ 31.26 \\ \hline \end{array}$ | $\begin{array}{r} 66,643 \\ 2,563 \\ 32.04 \end{array}$ | $\begin{array}{r} 68,309 \\ 2,627 \\ 32.84 \end{array}$ | $\begin{array}{r} 70,016 \\ 2,693 \\ 33.66 \end{array}$ | $\begin{array}{r} 71,767 \\ 2,760 \\ 34.50 \end{array}$ | $\begin{array}{r} 73,561 \\ 2,829 \\ 35.37 \end{array}$ | $\begin{array}{r} 75,400 \\ 2,900 \\ 36.25 \end{array}$ | $\begin{array}{r} 77,285 \\ 2,972 \\ 37.16 \end{array}$ | $\begin{array}{r} 79,217 \\ 3,047 \\ 38.09 \end{array}$ | $\begin{array}{r} 81,197 \\ 3,123 \\ 39.04 \\ \hline \end{array}$ | $\begin{array}{r} 83,227 \\ 3,201 \\ 40.01 \end{array}$ | $\begin{array}{r} 85,308 \\ 3,281 \\ 41.01 \end{array}$ | $\begin{array}{r} 87,441 \\ 3,363 \\ 42.04 \end{array}$ | $\begin{array}{r} \text { Grade } \\ 12 \end{array}$ |
| $\begin{array}{r} \text { Grade } \\ 13 \end{array}$ | $\begin{array}{r} 56,031 \\ 2,155 \\ 26.94 \\ \hline \end{array}$ | $\begin{array}{r} 57,431 \\ 2,209 \\ 27.61 \\ \hline \end{array}$ | $\begin{array}{r} 58,867 \\ 2,264 \\ 28.30 \\ \hline \end{array}$ | $\begin{array}{r} 60,339 \\ 2,321 \\ 29.01 \\ \hline \end{array}$ | $\begin{array}{r} 61,847 \\ 2,379 \\ 29.73 \\ \hline \end{array}$ | $\begin{array}{r} 63,394 \\ 2,438 \\ 30,48 \\ \hline \end{array}$ | $\begin{array}{r} 64,978 \\ 2,499 \\ 31.24 \\ \hline \end{array}$ | $\begin{array}{r} 66,603 \\ 2,562 \\ 32.02 \\ \hline \end{array}$ | $\begin{array}{r} 68,268 \\ 2,666 \\ 32.82 \\ \hline \end{array}$ | $\begin{array}{r} 69,975 \\ 2,691 \\ 33.64 \\ \hline \end{array}$ | $\begin{array}{r} 71,724 \\ 2,759 \\ 34.48 \\ \hline \end{array}$ | $\begin{array}{r} 73,517 \\ 2,888 \\ 35.34 \\ \hline \end{array}$ | $\begin{array}{r} 75,355 \\ 2,898 \\ 36.23 \\ \hline \end{array}$ | $\begin{array}{r} 77,239 \\ 2,971 \\ 37.13 \end{array}$ | $\begin{array}{r} 79,170 \\ 3,045 \\ 38.06 \\ \hline \end{array}$ | $\begin{array}{r} 81,149 \\ 3,121 \\ 39.01 \\ \hline \end{array}$ | $\begin{array}{r} 83,178 \\ 3,199 \\ 39,99 \\ \hline \end{array}$ | $\begin{array}{r} 85,257 \\ 3,279 \\ 40.99 \end{array}$ | $\begin{array}{r} 87,389 \\ 3,361 \\ 42.01 \\ \hline \end{array}$ | $\begin{array}{r} 89,574 \\ 3,445 \\ 43.06 \\ \hline \end{array}$ | $\begin{array}{r} 91,813 \\ 3,531 \\ 44.14 \\ \hline \end{array}$ | $\begin{array}{r} \text { Grade } \\ 13 \end{array}$ |
| $\begin{array}{r} \text { Grade } \\ 14 \end{array}$ | $\begin{array}{r} 58,832 \\ 2,263 \\ 28.28 \\ \hline \end{array}$ | $\begin{array}{r} 60,303 \\ 2,319 \\ 28.99 \\ \hline \end{array}$ | $\begin{array}{r} 61,811 \\ 2,377 \\ 29,72 \\ \hline \end{array}$ | $\begin{array}{r} 63,356 \\ 2,437 \\ 30.46 \\ \hline \end{array}$ | $\begin{array}{r} 64,940 \\ 2,498 \\ 31.22 \\ \hline \end{array}$ | $\begin{array}{r} 66,563 \\ 2,560 \\ 32.00 \end{array}$ | $\begin{array}{r} 68,227 \\ 2,624 \\ 322.80 \\ \hline \end{array}$ | $\begin{array}{r} 69,933 \\ 2,690 \\ 33.62 \end{array}$ | $\begin{array}{r} 71,681 \\ 2,757 \\ 3446 \end{array}$ | $\begin{array}{r} 73,473 \\ 2,826 \\ 35.32 \\ \hline \end{array}$ | $\begin{array}{r} 75,310 \\ 2,897 \\ 36.21 \end{array}$ | $\begin{array}{r} 77,193 \\ 2,969 \\ 37.11 \end{array}$ | $\begin{array}{r} 79,123 \\ 3,043 \\ 38.04 \\ \hline \end{array}$ | $\begin{array}{r} 81,101 \\ 3,119 \\ 38.99 \end{array}$ | $\begin{array}{r} 83,128 \\ 3,197 \\ 39997 \\ \hline \end{array}$ | $\begin{array}{r} 85,207 \\ 3,277 \\ 40.96 \end{array}$ | $\begin{array}{r} 87,337 \\ 3,359 \\ 41.99 \end{array}$ | $\begin{array}{r} 89,520 \\ 3,443 \\ 43.04 \\ \hline \end{array}$ | $\begin{array}{r} 91,758 \\ 3,529 \\ 44.11 \\ \hline \end{array}$ | $\begin{array}{r} 94,052 \\ 3,617 \\ 45.22 \\ \hline \end{array}$ | $\begin{array}{r} 96,403 \\ 3,708 \\ 46.35 \\ \hline \end{array}$ | $\begin{array}{r} \text { Grade } \\ 14 \end{array}$ |
| $\begin{array}{r} \text { Grade } \\ 15 \end{array}$ | $\begin{array}{r} 61,774 \\ 2,376 \\ 29.70 \\ \hline \end{array}$ | $\begin{array}{r} 63,318 \\ 2,435 \\ 30.44 \\ \hline \end{array}$ | $\begin{array}{r} 64,901 \\ 2,496 \\ 31.20 \\ \hline \end{array}$ | $\begin{array}{r} 66,524 \\ 2,559 \\ 31.98 \\ \hline \end{array}$ | $\begin{array}{r} 68,187 \\ 2,623 \\ 32.78 \\ \hline \end{array}$ | $\begin{array}{r} 69,891 \\ 2,688 \\ 33.60 \\ \hline \end{array}$ | $\begin{array}{r} 71,639 \\ 2,755 \\ 34.44 \\ \hline \end{array}$ | $\begin{array}{r} 73,430 \\ 2,824 \\ 35.30 \\ \hline \end{array}$ | $\begin{array}{r} 75,265 \\ 2,895 \\ 36.19 \\ \hline \end{array}$ | $\begin{array}{r} 77,147 \\ 2,967 \\ 37.09 \\ \hline \end{array}$ | $\begin{array}{r} 79,076 \\ 3,041 \\ 38.02 \\ \hline \end{array}$ | $\begin{array}{r} 81,053 \\ 3,117 \\ 38.97 \\ \hline \end{array}$ | $\begin{array}{r} 83,079 \\ 3,195 \\ 39.94 \\ \hline \end{array}$ | $\begin{array}{r} 85,156 \\ 3,275 \\ 40.94 \\ \hline \end{array}$ | $\begin{array}{r} 87,285 \\ 3,357 \\ 41.96 \\ \hline \end{array}$ | $\begin{array}{r} 89,467 \\ 3,441 \\ 43.01 \\ \hline \end{array}$ | $\begin{array}{r} 91,704 \\ 3,527 \\ 44.09 \\ \hline \end{array}$ | $\begin{array}{r} 93,996 \\ 3,615 \\ 45.19 \end{array}$ | $\begin{array}{r} 96,346 \\ 3,706 \\ 46.32 \\ \hline \end{array}$ | $\begin{array}{r} 98,755 \\ 3,798 \\ 47.48 \\ \hline \end{array}$ | $\begin{array}{r} 101,224 \\ 3,893 \\ 48.67 \\ \hline \end{array}$ | $\begin{array}{r} \text { Grade } \\ 15 \end{array}$ |
| $\begin{array}{r} \text { Grade } \\ 16 \end{array}$ | $\begin{array}{r} 64,863 \\ 2,495 \\ 31.18 \\ \hline \end{array}$ | $\begin{array}{r} 66,484 \\ 2,557 \\ 31.96 \\ \hline \end{array}$ | $\begin{array}{r} 68,146 \\ 2,621 \\ 32.76 \\ \hline \end{array}$ | $\begin{array}{r} 69,850 \\ 2,687 \\ 33.58 \\ \hline \end{array}$ | $\begin{array}{r} 71,596 \\ 2,754 \\ 34.42 \\ \hline \end{array}$ | $\begin{array}{r} 73,386 \\ 2,823 \\ 35.28 \\ \hline \end{array}$ | $\begin{array}{r} 75,221 \\ 2,883 \\ 36.16 \\ \hline \end{array}$ | $\begin{array}{r} 77,101 \\ 2,965 \\ 37.07 \\ \hline \end{array}$ | $\begin{array}{r} 79,029 \\ 3,040 \\ 37,99 \end{array}$ | $\begin{array}{r} 81,004 \\ 3,116 \\ 38.94 \\ \hline \end{array}$ | $\begin{array}{r} 83,030 \\ 3,193 \\ 39.92 \end{array}$ | $\begin{array}{r} 85,105 \\ 3,273 \\ 40.92 \\ \hline \end{array}$ | $\begin{array}{r} 87,233 \\ 3,355 \\ 41.94 \\ \hline \end{array}$ | $\begin{array}{r} 89,414 \\ 3,439 \\ 42.99 \\ \hline \end{array}$ | $\begin{array}{r} 91,649 \\ 3,555 \\ 44.06 \\ \hline \end{array}$ | $\begin{array}{r} 93,940 \\ 3,613 \\ 45.16 \\ \hline \end{array}$ | $\begin{array}{r} 96,289 \\ 3,703 \\ 46.29 \end{array}$ | $\begin{array}{r} 98,696 \\ 3,996 \\ 47.45 \\ \hline \end{array}$ | $\begin{array}{r} 101,163 \\ 3,891 \\ 48.64 \\ \hline \end{array}$ | $\begin{array}{r} 103,693 \\ 3,988 \\ 49.85 \\ \hline \end{array}$ | $\begin{array}{r} 106,285 \\ 4,088 \\ 51.10 \\ \hline \end{array}$ | $\begin{array}{r} \text { Grade } \\ 16 \end{array}$ |
| $\begin{array}{r} \text { Grade } \\ 17 \end{array}$ | $\begin{array}{r} 68,106 \\ 2,619 \\ 32.74 \\ \hline \end{array}$ | $\begin{array}{r} 69,808 \\ 2,685 \\ 33.56 \\ \hline \end{array}$ | $\begin{array}{r} 71,554 \\ 2,752 \\ 34.40 \\ \hline \end{array}$ | $\begin{array}{r} 73,342 \\ 2,821 \\ 35.26 \\ \hline \end{array}$ | $\begin{array}{r} 75,176 \\ 2,891 \\ 36.14 \\ \hline \end{array}$ | $\begin{array}{r} 77,055 \\ 2,964 \\ 37.05 \\ \hline \end{array}$ | $\begin{array}{r} 78,982 \\ 3,038 \\ 37.97 \\ \hline \end{array}$ | $\begin{array}{r} 80,956 \\ 3,114 \\ 38.92 \\ \hline \end{array}$ | $\begin{array}{r} 82,980 \\ 3,192 \\ 39.89 \\ \hline \end{array}$ | $\begin{array}{r} 85,055 \\ 3,271 \\ 40.89 \\ \hline \end{array}$ | $\begin{array}{r} 87,181 \\ 3,353 \\ 41.91 \\ \hline \end{array}$ | $\begin{array}{r} 89,361 \\ 3,437 \\ 42.96 \\ \hline \end{array}$ | $\begin{array}{r} 91,595 \\ 3,523 \\ 44.04 \\ \hline \end{array}$ | $\begin{array}{r} 93,884 \\ 3,611 \\ 45.14 \\ \hline \end{array}$ | $\begin{array}{r} 96,232 \\ 3,701 \\ 46.27 \\ \hline \end{array}$ | $\begin{array}{r} 98,637 \\ 3,794 \\ 47.42 \\ \hline \end{array}$ | $\begin{array}{r} 101,103 \\ 3,889 \\ 48.61 \\ \hline \end{array}$ | $\begin{array}{r} 103,631 \\ 3,986 \\ 49.82 \\ \hline \end{array}$ | $\begin{array}{r} 106,222 \\ 4,085 \\ 51.07 \\ \hline \end{array}$ | $\begin{array}{r} 108,877 \\ 4,188 \\ 52.34 \\ \hline \end{array}$ | $\begin{array}{r} 111,599 \\ 4,292 \\ 53.65 \\ \hline \end{array}$ | $\begin{array}{r} \text { Grade } \\ 17 \end{array}$ |
| $\begin{array}{r} \text { Grade } \\ 18 \end{array}$ | $\begin{array}{r} 71,511 \\ 2,750 \\ 34.38 \end{array}$ | $\begin{array}{r} 73,299 \\ 2,819 \\ 35.24 \\ \hline \end{array}$ | $\begin{array}{r} 75,131 \\ 2,890 \\ 36.12 \end{array}$ | $\begin{array}{r} 77,009 \\ 2,962 \\ 37.02 \end{array}$ | $\begin{array}{r} 78,935 \\ 3,036 \\ 37.95 \\ \hline \end{array}$ | $\begin{array}{r} 80,908 \\ 3,112 \\ 38.90 \\ \hline \end{array}$ | $\begin{array}{r} 82,931 \\ 3,190 \\ 39.87 \\ \hline \end{array}$ | $\begin{array}{r} 85,004 \\ 3,269 \\ 40.87 \\ \hline \end{array}$ | $\begin{array}{r} 87,129 \\ 3,351 \\ 41.89 \end{array}$ | $\begin{array}{r} 89,307 \\ 3,435 \\ 42.94 \\ \hline \end{array}$ | $\begin{array}{r} 91,540 \\ 3,521 \\ 44.01 \\ \hline \end{array}$ | $\begin{array}{r} 93,829 \\ 3,609 \\ 45.11 \\ \hline \end{array}$ | $\begin{array}{r} 96,174 \\ 3,699 \\ 46.24 \\ \hline \end{array}$ | $\begin{array}{r} 98,579 \\ 3,791 \\ 47.39 \end{array}$ | $\begin{array}{r} 101,043 \\ 3,886 \\ 48.58 \\ \hline \end{array}$ | $\begin{array}{r} 103,569 \\ 3,983 \\ 49.79 \\ \hline \end{array}$ | $\begin{array}{r} 106,158 \\ 4,083 \\ 51.04 \\ \hline \end{array}$ | $\begin{array}{r} 108,812 \\ 4,185 \\ 52.31 \\ \hline \end{array}$ | $\begin{array}{r} 111,533 \\ 4,290 \\ 53.62 \\ \hline \end{array}$ | $\begin{array}{r} 114,321 \\ 4,397 \\ 54.96 \\ \hline \end{array}$ | $\begin{array}{r} 117,179 \\ 4,507 \\ 56.34 \\ \hline \end{array}$ | $\begin{array}{r} \text { Grade } \\ 18 \end{array}$ |
| $\begin{array}{r} \text { Grade } \\ 19 \end{array}$ | $\begin{array}{r} 75,087 \\ 2,888 \\ \hline 36.10 \\ \hline \end{array}$ | $\begin{array}{r} 76,964 \\ 2,960 \\ 37.00 \\ \hline \end{array}$ | $\begin{array}{r} 78,888 \\ 3,034 \\ 37,93 \end{array}$ | $\begin{array}{r} 80,860 \\ 3,110 \\ 38.87 \\ \hline \end{array}$ | $\begin{array}{r} 82,881 \\ 3,188 \\ 39.85 \\ \hline \end{array}$ | $\begin{array}{r} 84,954 \\ 3,267 \\ 40.84 \\ \hline \end{array}$ | $\begin{array}{r} 87,077 \\ 3,349 \\ 41.86 \\ \hline \end{array}$ | $\begin{array}{r} 89,254 \\ 3,433 \\ 42.91 \\ \hline \end{array}$ | $\begin{array}{r} 91,486 \\ 3,519 \\ 43.98 \\ \hline \end{array}$ | $\begin{array}{r} 93,773 \\ 3,607 \\ 45.08 \\ \hline \end{array}$ | $\begin{array}{r} 96,117 \\ 3,697 \\ 46.21 \\ \hline \end{array}$ | $\begin{array}{r} 98,520 \\ 3,789 \\ 47.37 \\ \hline \end{array}$ | $\begin{array}{r} 100,983 \\ 3,884 \\ 48.55 \\ \hline \end{array}$ | $\begin{array}{r} 103,508 \\ 3,981 \\ 49.76 \\ \hline \end{array}$ | $\begin{array}{r} 106,095 \\ 4,081 \\ 51.01 \\ \hline \end{array}$ | $\begin{array}{r} 108,748 \\ 4,183 \\ 52.28 \\ \hline \end{array}$ | $\begin{array}{r} 111,466 \\ 4,287 \\ 53.59 \\ \hline \end{array}$ | $\begin{array}{r} 114,253 \\ 4,394 \\ 54.93 \\ \hline \end{array}$ | $\begin{array}{r} 117,109 \\ 4,504 \\ 56.30 \\ \hline \end{array}$ | $\begin{array}{r} 120,037 \\ 4,617 \\ 57.71 \\ \hline \end{array}$ | $\begin{array}{r} 123,038 \\ 4,732 \\ 59.15 \\ \hline \end{array}$ | $\begin{array}{r} \text { Grade } \\ 19 \end{array}$ |
| $\begin{array}{r} \text { Grade } \\ 20 \end{array}$ | $\begin{array}{r} 78,841 \\ 3,032 \\ 3790 \end{array}$ | $\begin{array}{r} 80,812 \\ 3,108 \\ 38.85 \\ \hline \end{array}$ | $\begin{array}{r} 82,832 \\ 3,186 \\ 39.82 \end{array}$ | $\begin{array}{r} 84,903 \\ 3,265 \\ 40.82 \end{array}$ | $\begin{array}{r} 87,026 \\ 3,347 \\ 41.84 \end{array}$ | $\begin{array}{r} 89,201 \\ 3,431 \\ 42.89 \end{array}$ | $\begin{array}{r} 91,431 \\ 3,517 \\ 43.96 \end{array}$ | $\begin{array}{r} 93,717 \\ 3,604 \\ 45.06 \end{array}$ | $\begin{array}{r} 96,060 \\ 3,695 \\ 46.18 \end{array}$ | $\begin{array}{r} 98,461 \\ 3,787 \\ 47.34 \end{array}$ | $\begin{array}{r} 100,923 \\ 3,882 \\ 48.52 \end{array}$ | $\begin{array}{r} 103,446 \\ 3,979 \\ 49.73 \end{array}$ | $\begin{array}{r} 106,032 \\ 4,078 \\ 50.98 \end{array}$ | $\begin{array}{r} 108,683 \\ 4,180 \\ 52.25 \\ \hline \end{array}$ | $\begin{array}{r} 111,400 \\ 4,285 \\ 53.56 \end{array}$ | $\begin{array}{r} 114,185 \\ 4,392 \\ 54.90 \end{array}$ | $\begin{array}{r} 117,040 \\ 4,502 \\ 56.27 \end{array}$ | $\begin{array}{r} 119,966 \\ 4,614 \\ 57.68 \end{array}$ | $\begin{array}{r} 122,965 \\ 4,729 \\ 59.12 \end{array}$ | $\begin{array}{r} 126,039 \\ 4,848 \\ 60.60 \end{array}$ | $\begin{array}{r} 129,190 \\ 4,969 \\ 62.11 \end{array}$ | $\begin{array}{r} \text { Grade } \\ 20 \end{array}$ |
|  | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | Step 8 | Step 9 | Step 10 | Step 11 | Step 12 | Step 13 | Step 14 | Step 15 | Step 16 | Step 17 | Step 18 | Step 19 | Step 20 | Step 21 |  |


| 7/01/2023 |  | $\begin{array}{r} \text { FY24 } \\ \text { COLA } \end{array}$ | 2.25\% FY 2025 Salary Scale ${ }^{\text {FY }}$ F25 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | Step 8 | Step 9 | Step 10 | Step 11 | Step 12 | Step 13 | Step 14 | Step 15 | Step 16 | Step 17 | Step 18 | Step 19 | Step 20 | Step 21 |  |
| $\begin{array}{r} \text { Grade } \\ 21 \end{array}$ | $\begin{array}{r} 82,783 \\ 3,184 \\ 39.80 \end{array}$ | $\begin{array}{r} 84,852 \\ 3,264 \\ 40.79 \end{array}$ | $\begin{array}{r} 86,974 \\ 3,345 \\ 41.81 \end{array}$ | $\begin{array}{r} 89,148 \\ 3,429 \\ 42.86 \end{array}$ | $\begin{array}{r} 91,377 \\ 3,514 \\ 43.93 \end{array}$ | $\begin{array}{r} 93,661 \\ 3,602 \\ 45.03 \end{array}$ | $\begin{array}{r} 96,003 \\ 3,692 \\ 46.16 \end{array}$ | $\begin{array}{r} 98,403 \\ 3,785 \\ 47.31 \end{array}$ | $\begin{array}{r} 100,863 \\ 3,879 \\ 48.49 \end{array}$ | $\begin{array}{r} 103,384 \\ 3,976 \\ 49.70 \end{array}$ | $\begin{array}{r} 105,969 \\ 4,076 \\ 50.95 \end{array}$ | $\begin{array}{r} 108,618 \\ 4,178 \\ 52.22 \end{array}$ | $\begin{array}{r} 111,334 \\ 4,282 \\ 53.53 \end{array}$ | $\begin{array}{r} 114,117 \\ 4,389 \\ 54.86 \end{array}$ | $\begin{array}{r} 116,970 \\ 4,499 \\ 56.24 \end{array}$ | $\begin{array}{r} 119,894 \\ 4,611 \\ 57.64 \end{array}$ | $\begin{array}{r} 122,892 \\ 4,727 \\ 59.08 \end{array}$ | $\begin{array}{r} 125,964 \\ 4,845 \\ 60.56 \end{array}$ | $\begin{array}{r} 129,113 \\ 4,966 \\ 62.07 \end{array}$ | $\begin{array}{r} 132,341 \\ 5,090 \\ 63.63 \end{array}$ | $\begin{array}{r} 135,649 \\ 5,217 \\ 655.22 \end{array}$ | Grade 21 |
| Grade 22 | $\begin{array}{r} 86,922 \\ 3,343 \\ 41.79 \end{array}$ | $\begin{array}{r} 89,095 \\ 3,427 \\ 42.83 \end{array}$ | $\begin{array}{r} 91,322 \\ 3,512 \\ 43.91 \end{array}$ | $\begin{array}{r} 93,606 \\ 3,600 \\ 45.00 \end{array}$ | $\begin{array}{r} 95,946 \\ 3,690 \\ 46.13 \end{array}$ | $\begin{array}{r} 98,344 \\ 3,782 \\ 47,28 \end{array}$ | $\begin{array}{r} 100,803 \\ 3,877 \\ 48.46 \end{array}$ | $\begin{array}{r} 103,323 \\ 3,974 \\ 49.67 \end{array}$ | $\begin{array}{r} 105,906 \\ 4,073 \\ 50.92 \end{array}$ | $\begin{array}{r} 108,554 \\ 4,175 \\ 52.19 \end{array}$ | $\begin{array}{r} 111,268 \\ 4,280 \\ 53.49 \end{array}$ | $\begin{array}{r} 114,049 \\ 4,387 \\ 54.83 \end{array}$ | $\begin{array}{r} 116,900 \\ 4,496 \\ 56.20 \end{array}$ | $\begin{array}{r} 119,823 \\ 4,609 \\ 57.61 \end{array}$ | $\begin{array}{r} 122,819 \\ 4,724 \\ 59.05 \end{array}$ | $\begin{array}{r} 125,889 \\ 4,842 \\ 60.52 \end{array}$ | $\begin{array}{r} 129,036 \\ 4,963 \\ 62.04 \end{array}$ | $\begin{array}{r} 132,262 \\ 5,087 \\ 63.59 \end{array}$ | $\begin{array}{r} 135,569 \\ 5,214 \\ 65.18 \end{array}$ | $\begin{array}{r} 138,958 \\ 5,345 \\ 66.81 \end{array}$ | $\begin{array}{r} 142,432 \\ 5,478 \\ 68.48 \end{array}$ | Grade |
| Grade 23 | $\begin{array}{r} 91,268 \\ 3,510 \\ 43.88 \end{array}$ | $\begin{array}{r} 93,550 \\ 3,598 \\ 44,98 \\ \hline \end{array}$ | $\begin{array}{r} 95,889 \\ 3,688 \\ 46.10 \\ \hline \end{array}$ | $\begin{array}{r} 98,286 \\ 3,780 \\ 47.25 \\ \hline \end{array}$ | $\begin{array}{r} 100,743 \\ 3,875 \\ 48.43 \end{array}$ | $\begin{array}{r} 103,262 \\ 3,972 \\ 49.64 \end{array}$ | $\begin{array}{r} 105,843 \\ 4,071 \\ 50.89 \end{array}$ | $\begin{array}{r} 108,489 \\ 4,173 \\ 52.16 \end{array}$ | $\begin{array}{r} 111,201 \\ 4,277 \\ 53.46 \end{array}$ | $\begin{array}{r} 113,981 \\ 4,384 \\ 54.80 \end{array}$ | $\begin{array}{r} 116,831 \\ 4,493 \\ 56.17 \\ \hline \end{array}$ | $\begin{array}{r} 119,752 \\ 4,606 \\ 57.57 \end{array}$ | $\begin{array}{r} 122,745 \\ 4,721 \\ 59.01 \\ \hline \end{array}$ | $\begin{array}{r} 125,814 \\ 4,839 \\ 60.49 \end{array}$ | $\begin{array}{r} 128,959 \\ 4,960 \\ 62.00 \end{array}$ | $\begin{array}{r} 132,183 \\ 5,084 \\ 6.55 \end{array}$ | $\begin{array}{r} 135,488 \\ 5,211 \\ 65.14 \end{array}$ | $\begin{array}{r} 138,875 \\ 5,341 \\ 66.77 \end{array}$ | $\begin{array}{r} 142,347 \\ 5,475 \\ 68.44 \end{array}$ | $\begin{array}{r} 145,906 \\ 5,612 \\ 70.15 \\ \hline \end{array}$ | $\begin{array}{r} 149,553 \\ 5,752 \\ 71.90 \\ \hline \end{array}$ | Grade 23 |
| Grade 24 | $\begin{array}{r} 95,832 \\ 3,686 \\ 46.07 \\ \hline \end{array}$ | $\begin{array}{r} 98,227 \\ 3,778 \\ 47.22 \\ \hline \end{array}$ | $\begin{array}{r} 100,683 \\ 3,872 \\ 48.41 \end{array}$ | $\begin{array}{r} 103,200 \\ 3,969 \\ 49.62 \end{array}$ | $\begin{array}{r} 105,780 \\ 4,068 \\ 50.86 \end{array}$ | $\begin{array}{r} 108,425 \\ 4,170 \\ 52.13 \\ \hline \end{array}$ | $\begin{array}{r} 111,135 \\ 4,274 \\ 53.43 \end{array}$ | $\begin{array}{r} 113,914 \\ 4,381 \\ 54.77 \\ \hline \end{array}$ | $\begin{array}{r} 116,761 \\ 4,491 \\ 56.14 \end{array}$ | $\begin{array}{r} 119,680 \\ 4,603 \\ 57.54 \\ \hline \end{array}$ | $\begin{array}{r} 122,672 \\ 4,718 \\ 58.98 \end{array}$ | $\begin{array}{r} 125,739 \\ 4,836 \\ 60.45 \end{array}$ | $\begin{array}{r} 128,883 \\ 4,957 \\ 61.96 \\ \hline \end{array}$ | $\begin{array}{r} 132,105 \\ 5,081 \\ 63.51 \\ \hline \end{array}$ | $\begin{array}{r} 135,407 \\ 5,208 \\ 65.10 \end{array}$ | $\begin{array}{r} 138,793 \\ 5,338 \\ 66.73 \end{array}$ | $\begin{array}{r} 142,262 \\ 5,472 \\ 68.40 \end{array}$ | $\begin{array}{r} 145,819 \\ 5,608 \\ 70.11 \\ \hline \end{array}$ | $\begin{array}{r} 149,464 \\ 5,749 \\ 71.86 \end{array}$ | $\begin{array}{r} 153,201 \\ 5,892 \\ 73.65 \end{array}$ | $\begin{array}{r} 157,031 \\ 6,040 \\ 75.50 \\ \hline \end{array}$ | Grade 24 |
| Grade 25 | $\begin{array}{r} 100,623 \\ 3,870 \\ 48.38 \end{array}$ | $\begin{array}{r} 103,139 \\ 3,967 \\ 49.59 \end{array}$ | $\begin{array}{r} 105,717 \\ 4,066 \\ 50.83 \end{array}$ | 108,360 4,168 52.10 | $\begin{array}{r} 111,069 \\ 4,272 \\ 53.40 \end{array}$ | $\begin{array}{r} 113,846 \\ 4,379 \\ 54.73 \end{array}$ | $\begin{array}{r} 116,692 \\ 4,488 \\ 56.10 \end{array}$ | $\begin{array}{r} 119,609 \\ 4,600 \\ 57.50 \end{array}$ | $\begin{array}{r} 122,599 \\ 4,715 \\ 58.94 \end{array}$ | $\begin{array}{r} 125,664 \\ 4,833 \\ 60.42 \end{array}$ | $\begin{array}{r} 128,806 \\ 4,954 \\ 61.93 \end{array}$ | $\begin{array}{r} 132,026 \\ 5,078 \\ 63.47 \end{array}$ | $\begin{array}{r} 135,327 \\ 5,205 \\ 65.06 \end{array}$ | $\begin{array}{r} 138,710 \\ 5,335 \\ 66.69 \end{array}$ | $\begin{array}{r} 142,178 \\ 5,468 \\ 68.35 \end{array}$ | $\begin{array}{r} 145,732 \\ 5,605 \\ 70.06 \end{array}$ | $\begin{array}{r} 149,376 \\ 5,745 \\ 71.82 \end{array}$ | $\begin{array}{r} 153,110 \\ 5,889 \\ 73.61 \end{array}$ | $\begin{array}{r} 156,938 \\ 6,036 \\ 75.45 \end{array}$ | $\begin{array}{r} 160,861 \\ 6,187 \\ 77.34 \end{array}$ | $\begin{array}{r}164,883 \\ 6,342 \\ 79.27 \\ \hline\end{array}$ | Grad 25 |
|  | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | Step 8 | Step 9 | Step 10 | Step 11 | Step 12 | Step 13 | Step 14 | Step 15 | Step 16 | Step 17 | Step 18 | Step 19 | Step 20 | Step 21 |  |


|  | 2023 | $\begin{array}{r} \text { FY24 } \\ \text { COLA } \end{array}$ | 2.25\% |  |  | FY 2025 Salary Scale $\quad$ FY25 $\begin{aligned} & \text { COLA }\end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | Step 8 | Step9 | Step 10 | Step 11 | Step 12 | Step 13 | Step 14 | Step 15 | Step 16 | Step 17 | Step 18 | Step 19 | Step 20 | Step 21 |  |
| Grade | $\begin{array}{r} 31,200 \\ 1,200 \\ 15.00 \end{array}$ | $\begin{array}{r} 31,980 \\ 1,230 \\ 15.38 \\ 1 \end{array}$ | $\begin{array}{r} 32,780 \\ 1,261 \\ 15.76 \end{array}$ | $\begin{gathered} 33,599 \\ 1,292 \\ 16.15 \\ \hline \end{gathered}$ | $\begin{aligned} & 34,439 \\ & 1,325 \\ & 16.56 \\ & \hline \end{aligned}$ | $\begin{gathered} 35,300 \\ 1,358 \\ 16.97 \\ \hline \end{gathered}$ | $\begin{gathered} 36,182 \\ 1,392 \\ 17,40 \\ \hline \end{gathered}$ | $\begin{gathered} 37,087 \\ 1,426 \\ 17.83 \end{gathered}$ | $\begin{array}{r} 38,014 \\ 1,462 \\ 18.28 \\ \hline \end{array}$ | $\begin{array}{r} 38,965 \\ 1,99 \\ 18.73 \\ 1 \end{array}$ | $\begin{array}{r} 39,939 \\ 1,536 \\ 19,20 \\ 196 \end{array}$ | $\begin{aligned} & 40,937 \\ & 1,575 \\ & 19,68 \end{aligned}$ | $\begin{array}{r} 41,961 \\ 1,614 \\ 20.17 \\ \hline \end{array}$ | $\begin{gathered} 4,0104 \\ 1,544 \\ 20.68 \end{gathered}$ | $\begin{array}{r} 44,085 \\ 1,696 \\ 21.19 \\ \hline \end{array}$ | $\begin{array}{r} 4,1,187 \\ 1,738 \\ 21.72 \\ \hline \end{array}$ | $\begin{array}{r} 46,317 \\ 1,781 \\ 22.27 \end{array}$ | $\begin{gathered} 47,474 \\ 1,826 \\ 22.82 \\ \hline \end{gathered}$ | $\begin{aligned} & 48,661 \\ & 1,872 \\ & 23,39 \\ & 23 \end{aligned}$ | $\begin{array}{r} 49,878 \\ 1,98 \\ 23,98 \\ 2 \end{array}$ | $\begin{aligned} & 51,125 \\ & 1,966 \\ & 594 \\ & \hline \end{aligned}$ | Grade |
|  | $\begin{aligned} & \hline 33,550 \\ & 1,590 \\ & 16.13 \\ & 16.13 \\ & \hline \end{aligned}$ | $\begin{gathered} 34,389 \\ 1,323 \\ 16.53 \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 35,249 \\ & 1,356 \\ & 16,95 \\ & \hline \end{aligned}$ | $\begin{gathered} 36,130 \\ 1,390 \\ 17.37 \\ \hline \end{gathered}$ | $\begin{gathered} 37,033 \\ 1,2424 \\ 17,80 \\ \hline \end{gathered}$ | $\begin{gathered} \hline 37,959 \\ 1,460 \\ 18,25 \\ \hline \end{gathered}$ | $\begin{gathered} \hline 38,988 \\ 1,496 \\ 18.71 \\ \hline \end{gathered}$ | $\begin{gathered} 39,881 \\ 1,5,54 \\ 19.17 \\ \hline \end{gathered}$ | $\begin{array}{\|c\|} \hline 40,878 \\ 1,572 \\ 19,65 \\ \hline \end{array}$ | $\begin{aligned} & 41,900 \\ & 1,612 \\ & 1,012 \\ & \hline 20.14 \\ & \hline \end{aligned}$ | $\begin{aligned} & 42,947 \\ & 1,9652 \\ & 20.65 \\ & \hline \end{aligned}$ | $\begin{array}{r} 44,021 \\ \begin{array}{c} 1,963 \\ 21.16 \end{array} \\ \hline \end{array}$ | $\begin{gathered} 45,122 \\ \begin{array}{c} 1,35 \\ 21.69 \\ 21.69 \end{array} \\ \hline \end{gathered}$ | $\begin{aligned} & 46,250 \\ & \left.\begin{array}{l} 1,779 \\ \hline 22.24 \\ \hline \end{array} \right\rvert\, \end{aligned}$ | $\begin{gathered} 47,406 \\ 1,883 \\ 22.79 \\ \hline \end{gathered}$ | $\begin{gathered} \hline 48,591 \\ 1,869 \\ \hline 23.36 \\ \hline \end{gathered}$ | $\begin{array}{\|r\|} \hline 49,806 \\ 1,1616 \\ 23,95 \\ \hline \end{array}$ | $\begin{gathered} 51,091 \\ 1,963 \\ 24.54 \\ \hline \end{gathered}$ | $\begin{array}{r} 52,327 \\ \text { and } \\ 25.16 \\ 25,16 \end{array}$ | $\begin{aligned} & \hline 53,635 \\ & 2,063 \\ & 25,79 \\ & \hline 2.97 \\ & \hline \end{aligned}$ | $\begin{array}{\|c\|} \hline 54,976 \\ 2,114 \\ 26.43 \\ \hline \end{array}$ | Grade |
| Grade | $\begin{gathered} 36,046 \\ 1,386 \\ 17.33 \end{gathered}$ | $\begin{aligned} & 36,948 \\ & 1,421 \\ & 1,7.76 \\ & 17 \end{aligned}$ | $\begin{array}{\|} 37,871 \\ 1,457 \\ 18,21 \end{array}$ | $\begin{aligned} & 38,818 \\ & 1,493 \\ & 18.66 \\ & \hline \end{aligned}$ | $\begin{array}{r} 39,788 \\ 1,530 \\ 19.13 \\ 19 \end{array}$ | $\begin{gathered} 40,783 \\ 1,596 \\ \hline 19.61 \\ \hline \end{gathered}$ | $\begin{aligned} & 41,803 \\ & 1,608 \\ & \hline 20.10 \\ & \hline \end{aligned}$ | $\begin{aligned} & 42,848 \\ & 1,6,68 \\ & 20.60 \\ & \hline \end{aligned}$ | $\begin{gathered} 43,919 \\ 1,689 \\ \hline 12111 \\ \hline \end{gathered}$ | $\begin{aligned} & 45,017 \\ & 1,731 \\ & \text { 1, } 21.64 \end{aligned}$ | $\begin{aligned} & 46,142 \\ & 1,775 \\ & 22,18 \\ & 20 \end{aligned}$ | $\begin{aligned} & 47,296 \\ & 1,89 \\ & 22,74 \end{aligned}$ | $\begin{gathered} 48,478 \\ 1,85 \\ 23.31 \end{gathered}$ | $\begin{gathered} 49,990 \\ 1,911 \\ 23.89 \\ \hline \end{gathered}$ | $\begin{aligned} & 50,933 \\ & 1,59 \\ & 24,49 \end{aligned}$ | $\begin{aligned} & 52,206 \\ & 2,08 \\ & 25.10 \\ & \hline \end{aligned}$ | $\begin{aligned} & 53,511 \\ & 2,058 \\ & 25.73 \\ & 25 \end{aligned}$ | $\begin{array}{r} 54,849 \\ 2,110 \\ 26,37 \end{array}$ | $\begin{aligned} & 56,220 \\ & 2,262 \\ & 27.03 \end{aligned}$ | $\begin{aligned} & 57,626 \\ & 2,216 \\ & 27,70 \end{aligned}$ | $\begin{aligned} & 59,066 \\ & 2,272 \\ & 28.40 \\ & 2 \end{aligned}$ | Grade |
| Grade | $\begin{aligned} & 38,750 \\ & 1,590 \\ & 18.03 \\ & 18.30 \end{aligned}$ | $\begin{gathered} 39,719 \\ 1,588 \\ 19.10 \\ 19 \end{gathered}$ | $\begin{aligned} & 40,712 \\ & 1,566 \\ & 19.57 \\ & \hline \end{aligned}$ | $\begin{array}{c\|} \hline 41,730 \\ 1,605 \\ 20.06 \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline 42,773 \\ 1,655 \\ 20.56 \\ \hline \end{array}$ | $\begin{array}{r} 43,843 \\ 1,686 \\ \hline 12.08 \\ \hline \end{array}$ | $\begin{gathered} 44,339 \\ 1,728 \\ \hline 12.61 \\ \hline \end{gathered}$ | $\begin{gathered} 46,062 \\ 1,772 \\ 22.15 \\ \hline 2.15 \\ \hline \end{gathered}$ | $\begin{array}{r\|} \hline 47,214 \\ 1,8,86 \\ 22.70 \\ \hline \end{array}$ | $\begin{array}{r} 48,394 \\ 1,861 \\ \hline 23.27 \\ \hline \end{array}$ | $\begin{array}{\|} 49,64 \\ 1,998 \\ 23.85 \\ \hline 2 \end{array}$ | $\begin{array}{r} 50,844 \\ 1,56 \\ 24.44 \end{array}$ | $\begin{aligned} & 52,115 \\ & 2,004 \\ & 20.06 \\ & \hline \end{aligned}$ | $\begin{aligned} & 53,418 \\ & 2,055 \\ & 25.68 \\ & \hline \end{aligned}$ | $\begin{aligned} & 54,753 \\ & 2,1,66 \\ & 20.32 \end{aligned}$ | $\begin{aligned} & \hline 56,122 \\ & 2,159 \\ & 26,98 \\ & \hline \end{aligned}$ | $\begin{aligned} & 57,525 \\ & 2,213 \\ & 27.66 \end{aligned}$ | $\begin{aligned} & 58,963 \\ & 2,268 \\ & 28.35 \\ & \hline \end{aligned}$ | $\begin{aligned} & 60,437 \\ & \\ & \hline 2,35 \\ & 2,296 \end{aligned}$ | $\begin{aligned} & 61,988 \\ & 2,383 \\ & 29,78 \\ & \hline \end{aligned}$ | $\begin{aligned} & 6,497 \\ & 2,442 \\ & 30.53 \\ & \hline \end{aligned}$ | Grade |
|  | $\begin{aligned} & 41,662 \\ & 1,662 \\ & \text { 1,0.03 } \\ & \hline 20.3 \end{aligned}$ | $\begin{array}{r} 42,704 \\ 1,46 \\ 20,53 \\ \hline 20 \end{array}$ | $\begin{array}{r} 43,721 \\ 1,64 \\ 21.04 \\ \hline \end{array}$ | $\begin{gathered} 44,866 \\ 1,7.26 \\ \hline \end{gathered}$ | $\begin{aligned} & 45,97 \\ & 1,979 \\ & 22.11 \\ & 22 \end{aligned}$ | $\begin{array}{r} 47,1,17 \\ 1, .813 \\ 22.66 \\ \hline \end{array}$ | $\begin{gathered} 48,316 \\ 1,8,8 \\ 123.23 \\ \hline \end{gathered}$ | $\begin{gathered} 49,524 \\ 1,959 \\ \hline 23.81 \\ \hline \end{gathered}$ | $\begin{aligned} & 50,762 \\ & 1,942 \\ & \hline 4.40 \\ & \hline \end{aligned}$ | $\begin{aligned} & 52,031 \\ & 2,001 \\ & 25.01 \end{aligned}$ | $\begin{aligned} & 53,331 \\ & 2,051 \\ & 25 \cdot 64 \end{aligned}$ | $\begin{aligned} & 54,665 \\ & 2,102 \\ & 26,28 \end{aligned}$ | $\begin{aligned} & 56,031 \\ & 2,155 \\ & 26,94 \end{aligned}$ | $\begin{gathered} 57,432 \\ 2,209 \\ 27,61 \end{gathered}$ | $\begin{aligned} & 58,868 \\ & 2,264 \\ & 28.30 \end{aligned}$ | $\begin{aligned} & 60,340 \\ & 2,3,31 \\ & \hline 9.011 \end{aligned}$ | $\begin{aligned} & 61,848 \\ & 2,399 \\ & 29.73 \\ & \hline \end{aligned}$ | $\begin{aligned} & 6,3,34 \\ & 2,438 \\ & 30.48 \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 66,64 \\ & \begin{array}{l} 2,562 \\ 320.02 \\ \hline 32 . \end{array} \\ & \hline \end{aligned}$ | $\begin{aligned} & 68,269 \\ & 2,6,62 \\ & \hline \end{aligned}$ | Grade |
|  | $\begin{aligned} & 44,782 \\ & 1,272 \\ & 1,53 \\ & 21.53 \end{aligned}$ | $\begin{array}{r} 45,927 \\ 1,765 \\ 222.077 \end{array}$ | $\begin{array}{r} 47,050 \\ 1,810 \\ 222.62 \end{array}$ | $\begin{array}{r} 48,226 \\ 1,855 \\ 23.19 \end{array}$ | $\begin{array}{r} 49,431 \\ 1,901 \\ 23,77 \end{array}$ | $\begin{gathered} 50,667 \\ 1,499 \\ 24.36 \\ \hline \end{gathered}$ | $\begin{gathered} 51,934 \\ 1,997 \\ 24,97 \\ \hline \end{gathered}$ | $\begin{aligned} & 53,232 \\ & 2,407 \\ & 25.59 \\ & \hline 2 \end{aligned}$ | $\begin{aligned} & 54,563 \\ & 2,099 \\ & 26,23 \\ & \hline \end{aligned}$ | $\begin{aligned} & 55,272 \\ & 2,2151 \\ & 26.89 \\ & 20 \end{aligned}$ | $\begin{aligned} & 57,325 \\ & 2,205 \\ & 27.56 \end{aligned}$ | $\begin{gathered} 58,758 \\ 2,260 \\ 288,25 \end{gathered}$ | $\begin{aligned} & 60,227 \\ & 2,216 \\ & 2896 \end{aligned}$ | $\begin{gathered} 61,733 \\ 2,374 \\ 29.68 \end{gathered}$ | $\begin{gathered} 63,276 \\ 2,434 \\ 30.42 \end{gathered}$ | $\begin{aligned} & 64,888 \\ & 2,495 \\ & \hline 31.18 \\ & \hline \end{aligned}$ | $\begin{aligned} & 66,480 \\ & 2,557 \\ & 31,96 \end{aligned}$ | $\begin{aligned} & 68,142 \\ & 2,6,61 \\ & \hline 32.76 \\ & \hline \end{aligned}$ | $\begin{aligned} & 9,845 \\ & 2,466 \\ & 33.58 \end{aligned}$ | $\begin{aligned} & 71,591 \\ & 2,754 \\ & 344.42 \end{aligned}$ | $\begin{array}{r} 73,881 \\ 2,822 \\ 35528 \\ \hline \end{array}$ | Grade |
|  | $\begin{array}{r} 48,152 \\ 1,852 \\ 23.15 \\ \hline \end{array}$ | $\begin{array}{r} 49,366 \\ 1,898 \\ 23,73 \end{array}$ | $\begin{aligned} & 50,59 \\ & 1,946 \\ & 24.32 \\ & \hline \end{aligned}$ | $\begin{gathered} 51,854 \\ 1,994 \\ 24,93 \\ \hline \end{gathered}$ | $\begin{aligned} & 53,151 \\ & 2,044 \\ & 25.55 \\ & \hline \end{aligned}$ | $\begin{aligned} & 54,480 \\ & 2,095 \\ & 26.19 \\ & \hline \end{aligned}$ | $\begin{gathered} 55,842 \\ 2,148 \\ 26.85 \\ \hline \end{gathered}$ | $\begin{array}{r} 57,2,28 \\ 2,201 \\ 27,52 \\ \hline \end{array}$ | $\begin{aligned} & 58,669 \\ & 2,256 \\ & 28,21 \\ & \hline \end{aligned}$ | $\begin{array}{r} 60,135 \\ 2,3,313 \\ 28.91 \\ \hline \end{array}$ | $\begin{array}{r} 61,639 \\ 2,371 \\ 29.63 \\ \hline \end{array}$ | $\begin{array}{r} 6,180 \\ 2,430 \\ 30.37 \\ \hline 30 \end{array}$ | $\begin{aligned} & 64,759 \\ & 2,491 \\ & 31.13 \\ & \hline \end{aligned}$ | $\begin{aligned} & 66,378 \\ & 2,553 \\ & 31.91 \\ & \hline \end{aligned}$ | $\begin{gathered} 68,038 \\ 2,617 \\ 32.71 \\ \hline \end{gathered}$ | $\begin{gathered} 69,738 \\ 2,682 \\ 33.53 \\ \hline \end{gathered}$ | $\begin{array}{r} 71,482 \\ 2,749 \\ 34,37 \\ \hline \end{array}$ | $\begin{array}{r} 73,269 \\ 2,818 \\ 35,23 \\ \hline \end{array}$ | $\begin{gathered} 75,101 \\ 2,888 \\ 36.11 \\ \hline \end{gathered}$ | $\begin{array}{r} 76,978 \\ 2,961 \\ 37.01 \\ \hline \end{array}$ | $\begin{array}{r} 78,903 \\ 3,035 \\ 37,93 \\ \hline \end{array}$ | Grade |
|  | $\begin{array}{l\|} \hline 51,771 \\ 1,991 \\ 24.89 \\ \hline \end{array}$ |  | $\begin{aligned} & 54,392 \\ & 2,092 \\ & 26.15 \\ & 26.15 \end{aligned}$ | $\begin{aligned} & \hline 55,752 \\ & 2,144 \\ & 26.80 \\ & \hline \end{aligned}$ | $\begin{aligned} & 57,146 \\ & 2,1,18 \\ & 27.47 \\ & \hline \end{aligned}$ | $\begin{array}{l\|} \hline 58,574 \\ 2,253, \\ 28.16 \\ \hline \end{array}$ | $\begin{aligned} & \hline 60,039 \\ & 2,309 \\ & 28.86 \\ & \hline \end{aligned}$ | $\begin{aligned} & 61,540 \\ & 2,467 \\ & 29.59 \\ & \hline \end{aligned}$ | $\begin{array}{l\|} \hline 63,078 \\ 2,426 \\ 30.33 \\ \hline \end{array}$ | $\begin{aligned} & \hline 64,655 \\ & \begin{array}{l} 2,687 \\ 31.08 \\ \hline \end{array} \\ & \hline \end{aligned}$ | $\begin{aligned} & 66,272 \\ & 2,549 \\ & 31.86 \end{aligned}$ | $\begin{aligned} & 67,98 \\ & \hline, 2613 \\ & 326.60 \end{aligned}$ | $\begin{aligned} & 69,627 \\ & \begin{array}{l} 2,678 \\ 33,47 \\ \hline \end{array} \\ & \hline \end{aligned}$ | $\begin{aligned} & 71,367 \\ & 2,745 \\ & 34,31 \\ & \hline \end{aligned}$ | $\begin{array}{\|c\|} \hline 73,151 \\ 2,814 \\ 35.17 \\ \hline \end{array}$ | $\begin{array}{l\|} \hline 74,980 \\ 2,884 \\ 36.05 \\ \hline \end{array}$ | $\begin{aligned} & 76,855 \\ & 2,9965 \\ & 3695 \end{aligned}$ | $\begin{array}{r\|} \hline 78,776 \\ 3,300 \\ 37.87 \\ \hline \end{array}$ | $\begin{gathered} 80,745 \\ 3,106 \\ 38.82 \\ \hline \end{gathered}$ | $\begin{aligned} & 82,764 \\ & 3,84 \\ & 39,79 \\ & \hline \end{aligned}$ | $\begin{array}{c\|} \hline 84,833 \\ 3,663 \\ 40.79 \\ \hline \end{array}$ | Grade |
| Grade | $\begin{aligned} & \hline 55,640 \\ & 2,40 \\ & 26.75 \\ & \hline \end{aligned}$ | $\begin{array}{r} 57,031 \\ 2,194 \\ 27,42 \\ \hline \end{array}$ | $\begin{aligned} & \hline 58,47 \\ & 2,248 \\ & 28.10 \\ & \hline \end{aligned}$ | $\begin{array}{l\|} \hline 59,918 \\ 2,305 \\ 28.81 \\ \hline \end{array}$ | $\begin{array}{r} 61,416 \\ 2,362 \\ 29.53 \\ \hline \end{array}$ | $\begin{aligned} & \hline 62,952 \\ & 2,421 \\ & 30.27 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 64,5,55 \\ & 2,482 \\ & 31.02 \\ & \hline \end{aligned}$ | $\begin{array}{l\|} \hline 66,138 \\ 2,544 \\ 31.80 \\ \hline \end{array}$ | $\begin{gathered} \hline 67,992 \\ \hline 2,607 \\ 32.59 \\ \hline \end{gathered}$ | $\begin{aligned} & \hline 6,4,87 \\ & \begin{array}{l} 2,673 \\ 33,41 \end{array} \\ & \hline \end{aligned}$ | $\begin{array}{r} 71,244 \\ 2,739 \\ 344,24 \\ \hline \end{array}$ | $\begin{array}{r} 7,005 \\ 2,808 \\ 355.10 \end{array}$ | $\begin{gathered} 74,830 \\ 2,878 \\ 35,98 \\ \hline \end{gathered}$ | $\begin{array}{r} 76,700 \\ 2,950 \\ 36.88 \\ \hline \end{array}$ | $\begin{array}{r} \hline 78,618 \\ 3,024 \\ 377.80 \\ \hline \end{array}$ | $\begin{array}{\|c} \hline 80,583 \\ 3,099 \\ 38.74 \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline 82,58 \\ 3,177 \\ 39,71 \\ \hline \end{array}$ | $\begin{gathered} \hline 84,6,63 \\ 3,566 \\ 40,70 \\ \hline \end{gathered}$ | $\begin{array}{r} 86,799 \\ \begin{array}{c} 3,388 \\ 41.72 \\ \hline \end{array} \\ \hline \end{array}$ | $\begin{array}{\|} \hline 88,949 \\ 3,421 \\ 42.76 \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline 91,173 \\ 3,507 \\ 43.83 \\ \hline \end{array}$ | Grade |
| $\begin{array}{r} \text { Grade } \\ 10 \end{array}$ | $\begin{gathered} 59,821 \\ 2,301 \\ 28.76 \end{gathered}$ | $\begin{gathered} 6,316 \\ 2,358 \\ 29,48 \\ 2,48 \end{gathered}$ | $\begin{array}{r} 6,849 \\ 2,47 \\ 30,22 \\ \hline \end{array}$ | $\begin{gathered} 64,420 \\ 2,478 \\ 30,97 \\ \hline \end{gathered}$ | $\begin{array}{r} 6,6,31 \\ 2,540 \\ 31.75 \\ \hline 3 \end{array}$ | $\begin{gathered} 67,682 \\ 2,603 \\ 32.54 \\ \hline \end{gathered}$ | $\begin{gathered} 69,374 \\ 2,668 \\ 33,35 \\ \hline \end{gathered}$ | $\begin{array}{r} 71,108 \\ 2,735 \\ 34,19 \\ \hline \end{array}$ | $\begin{gathered} 72,886 \\ 2,803 \\ 35.04 \\ \hline \end{gathered}$ | $\begin{array}{r} 7,778 \\ 2,873 \\ 35,92 \\ \hline \end{array}$ | $\begin{array}{r} 76,57 \\ 2,45 \\ 36,82 \\ 36 \end{array}$ | $\begin{aligned} & 78,490 \\ & 3,019 \\ & 37,744 \end{aligned}$ | $\begin{aligned} & 80,452 \\ & 3,94 \\ & 38.68 \\ & \hline 30 \end{aligned}$ | $\begin{array}{r} 82,464 \\ 3,172 \\ 39.65 \\ \hline \end{array}$ | $\begin{gathered} 84,525 \\ 3,251 \\ 40.64 \\ \hline \end{gathered}$ | $\begin{gathered} 86,638 \\ 3,332 \\ 41.65 \\ \hline \end{gathered}$ | $\begin{array}{r} 88,804 \\ 3,416 \\ 42.69 \\ \hline \end{array}$ | $\begin{array}{r} 91,024 \\ 3,501 \\ 43.76 \\ \hline \end{array}$ | $\begin{array}{r} 93,300 \\ 3,588 \\ 44.86 \end{array}$ | $\begin{aligned} & \hline 95,638 \\ & \left.\begin{array}{l} 3,678 \\ 45.98 \\ \hline \end{array} \right\rvert\, \end{aligned}$ | $\begin{array}{\|c\|} \hline 98,023 \\ 3 \\ 47,70 \\ \hline 7.13 \\ \hline \end{array}$ |  |
| $\begin{array}{r} \hline \text { Grade } \\ 11 \end{array}$ | $\begin{gathered} 64,314 \\ 2,474 \\ 30.92 \end{gathered}$ | $\begin{array}{r} 65,92 \\ 2,535 \\ 31.69 \\ \hline 30 \end{array}$ | $\begin{array}{r} 67,56 \\ 2,59 \\ 32.49 \end{array}$ | $\begin{gathered} 69,259 \\ 2,664 \\ 33,30 \\ \hline \end{gathered}$ | $\begin{array}{r} 70,990 \\ 2,730 \\ 34.13 \end{array}$ | $\begin{gathered} 72,765 \\ 2,799 \\ 34,98 \\ \hline \end{gathered}$ | $\begin{gathered} 74,584 \\ 2,869 \\ 35.86 \\ \hline \end{gathered}$ | $\begin{gathered} 76,449 \\ 2,940 \\ 36.75 \end{gathered}$ | $\begin{array}{r} 78,360 \\ 3,014 \\ 37.67 \\ \hline \end{array}$ | $\begin{array}{r} 80,319 \\ 3,89 \\ 38.61 \\ \hline \end{array}$ | $\begin{array}{r} 82,32 \\ 3,166 \\ 39,58 \end{array}$ | $\begin{aligned} & 84,385 \\ & 3,246 \\ & 40.57 \end{aligned}$ | $\begin{aligned} & 86,495 \\ & 3,37 \\ & \hline 1.58 \\ & \hline 1.58 \end{aligned}$ | $\begin{aligned} & 88,67 \\ & 3,410 \\ & 4.62 \end{aligned}$ | $\begin{array}{r} 90,873 \\ 3,495 \\ 43,6 \\ \hline \end{array}$ | $\begin{array}{r} 93,145 \\ 3,583 \\ 44.78 \\ \hline \end{array}$ | $\begin{array}{r} 95,474 \\ 3,672 \\ 45.90 \\ 4 \end{array}$ | $\begin{array}{r} 97,861 \\ 3,764 \\ 47.05 \\ \hline \end{array}$ | $\begin{array}{r} 100,307 \\ 3,858 \\ 48.22 \\ \hline \end{array}$ | $\begin{array}{r} 102,815 \\ 3,954 \\ 49,43 \\ \hline \end{array}$ | $\begin{array}{r} 105,385 \\ 4,0,53 \\ 50.67 \\ \hline \end{array}$ | Grade |
| $\begin{array}{r} \text { Grade } \\ 12 \end{array}$ | $\begin{aligned} & \hline 69,118 \\ & 2,658 \\ & 33,23 \\ & \hline \end{aligned}$ | $\begin{array}{l\|} \hline 70,846 \\ 2,725 \\ 34,66 \\ \hline \end{array}$ | $\left.\begin{gathered} 2,618 \\ 2,79 \\ 3499 \end{gathered} \right\rvert\,$ | $\begin{gathered} 74,433 \\ 2,863 \\ 35.79 \end{gathered}$ | $\begin{array}{r} 76,24 \\ 2,94 \\ 36.68 \\ \hline \end{array}$ | $\begin{array}{r} 78,201 \\ 3,008 \\ 37.60 \\ \hline \end{array}$ | $\begin{array}{c\|} \hline 80,156 \\ 3,083 \\ 38.54 \\ \hline \end{array}$ | $\begin{array}{r} \hline 82,160 \\ 3,160 \\ 39,50 \\ \hline \end{array}$ | $\begin{array}{r} 84,214 \\ 3,239 \\ 40.49 \\ \hline \end{array}$ | $\begin{array}{r} 86,319 \\ 3,320 \\ 41.50 \\ 4 \end{array}$ | $\begin{array}{r} 88,47 \\ 3,43 \\ 42.54 \\ \hline 4 \end{array}$ | $\begin{aligned} & 90,689 \\ & 3,488 \\ & \hline 43.60 \end{aligned}$ | $\begin{aligned} & 92,957 \\ & 3,575 \\ & \hline 4.69 \end{aligned}$ | $\begin{aligned} & 95,280 \\ & 3,65 \\ & 45.81 \end{aligned}$ | $\begin{gathered} \hline 97,662 \\ 3,766 \\ 46.95 \\ \hline \end{gathered}$ | $\begin{array}{r\|} \hline 100,104 \\ 3,850 \\ 48.13 \\ \hline \end{array}$ | $\begin{array}{r} 102,607 \\ 3,966 \\ 49,33 \\ \hline \end{array}$ | $\begin{array}{r} 105,172 \\ 4,045 \\ 50.56 \\ \hline \end{array}$ | $\begin{array}{r} 107,801 \\ 4,146 \\ 51.83 \end{array}$ | $\begin{array}{r} 110,496 \\ 4,250 \\ 5.12 \\ \hline \end{array}$ | $\begin{array}{r} 113,259 \\ 4,36 \\ 44,45 \\ \hline \end{array}$ |  |
| $\begin{array}{r} \text { Grade } \\ 13 \end{array}$ | $\begin{gathered} 74,318 \\ 2,858 \\ 35.73 \\ \hline \end{gathered}$ | $\begin{array}{r} 7,176 \\ 2,30 \\ 36.62 \end{array}$ | $\begin{array}{\|} \hline 78,081 \\ 3,003 \\ 37.54 \\ \hline \end{array}$ | $\begin{array}{r} 80,033 \\ 3,078 \\ 38.48 \\ \hline \end{array}$ | $\begin{array}{r} 82,034 \\ 3,155 \\ 39,44 \\ \hline \end{array}$ | $\begin{gathered} 84,084 \\ 3,234 \\ 40.43 \end{gathered}$ | $\begin{gathered} 86,187 \\ 3,315 \\ 41.44 \\ \hline 4 \end{gathered}$ | $\begin{gathered} 88,341 \\ 3,398 \\ 22.47 \end{gathered}$ | $\begin{array}{r} 90,550 \\ 3,483 \\ 43.53 \\ \hline \end{array}$ | $\begin{array}{r} 92,813 \\ 3,570 \\ 44.62 \\ \hline \end{array}$ | $\begin{array}{r} 95,134 \\ 3,59 \\ 45,74 \\ \hline 4 \end{array}$ | $\begin{aligned} & 97,512 \\ & 3,750 \\ & \hline 46.88 \\ & \hline 4 . \end{aligned}$ | $\begin{gathered} 99,950 \\ 3,844 \\ 48.05 \\ \hline \end{gathered}$ | $\begin{array}{\|r\|} \hline 102,499 \\ 3,94 \\ 49.25 \\ \hline \end{array}$ | $\begin{array}{r} 105,010 \\ 4 ., 39 \\ 50.49 \\ \hline \end{array}$ | $\begin{array}{r} 107,635 \\ 4.1,10 \\ 51.75 \\ \hline \end{array}$ | $\begin{array}{r\|} \hline 110,326 \\ 4,46 \\ 53,04 \\ \hline \end{array}$ | $\begin{array}{r} 113,084 \\ 4,4,49 \\ 54,37 \\ \hline \end{array}$ | $\begin{array}{r} 115,911 \\ 4,458 \\ 55.73 \\ \hline \end{array}$ | $\begin{array}{r} 118,809 \\ 4,570 \\ 57.12 \\ \hline \end{array}$ | $\begin{gathered} \hline 121,799 \\ \hline 4,64 \\ 58.55 \\ \hline \end{gathered}$ |  |
| Grade | $\begin{aligned} & 79,893 \\ & 3,733 \\ & 38.41 \end{aligned}$ | $\begin{aligned} & 81,890 \\ & 3,5150 \\ & 39,37 \end{aligned}$ | $\begin{aligned} & 83,337 \\ & 3,35 \\ & 40.35 \end{aligned}$ | $\begin{gathered} 86,036 \\ 3,39 \\ \hline 41.36 \\ \hline \end{gathered}$ | $\begin{aligned} & 88,187 \\ & 3,392 \\ & 34204 \end{aligned}$ | $\begin{aligned} & 90,391 \\ & 3,477 \\ & \hline 3.46 \\ & \hline \end{aligned}$ | $\begin{aligned} & 92,651 \\ & 3,54 \\ & \hline 4.54 \\ & \hline \end{aligned}$ | $\begin{gathered} 94,967 \\ 3,653 \\ \hline 45.66 \\ \hline \end{gathered}$ | $\begin{aligned} & 97,342 \\ & 3,744 \\ & 46.80 \end{aligned}$ | $\begin{array}{r} 99,775 \\ 3,838 \\ 4797 \end{array}$ | $\begin{array}{r} 102,270 \\ 3,93 \\ \hline 99.17 \\ \hline \end{array}$ | $\begin{array}{r} 104,826 \\ 4,03 \\ 50.40 \\ \hline \end{array}$ | $\begin{array}{r} 107,447 \\ 4,113 \\ 51.66 \\ \hline \end{array}$ | $\begin{array}{r} 110,133 \\ 4,236 \\ 52.95 \\ \hline \end{array}$ | $\begin{array}{r} 112,886 \\ 4,34 \\ 54.27 \\ \hline \end{array}$ | $\begin{gathered} 115,709 \\ 4,450 \\ 5 \\ \hline \end{gathered}$ | $\begin{gathered} 118,601 \\ 4,562 \\ 57.02 \end{gathered}$ | $\begin{array}{r} 121,566 \\ 4,686 \\ \hline 58.45 \\ \hline \end{array}$ | $\begin{array}{r} 124,606 \\ 4,73 \\ \hline 9991 \\ \hline \end{array}$ | $\begin{array}{r} 127,721 \\ 4,912 \\ 46.40 \end{array}$ | $\begin{gathered} 130,914 \\ 5,035 \\ \hline 6.94 \\ \hline \end{gathered}$ |  |
| $\begin{array}{r} \text { Grade } \\ 15 \end{array}$ | $\begin{array}{r} 85,883 \\ 3,303 \\ 41.29 \\ \hline \end{array}$ | $\begin{aligned} & \hline 88,30 \\ & 3,386 \\ & 42.32 \\ & \hline \end{aligned}$ | $\begin{array}{r} 90,31 \\ 3,470 \\ 43,38 \end{array}$ | $\begin{aligned} & \hline 92,487 \\ & 3,557 \\ & 44.46 \\ & \hline \end{aligned}$ | $\begin{array}{r} 94,999 \\ 3,646 \\ 45.58 \end{array}$ | $\begin{gathered} 97,169 \\ 3,737 \\ 46,72 \end{gathered}$ | $\begin{array}{r} 99,598 \\ 3,831 \\ 47.88 \end{array}$ | $\begin{array}{r\|} \hline 102,088 \\ 3,266 \\ 49.08 \\ \hline \end{array}$ | $\begin{array}{r\|} \hline 104,640 \\ 4,025 \\ 50.31 \\ \hline \end{array}$ | $\begin{array}{r\|} \hline 107,256 \\ 4,125 \\ 51.57 \\ \hline \end{array}$ | $\begin{array}{r} 109,938 \\ 4,2,28 \\ 52.85 \\ \hline \end{array}$ | $\begin{array}{r\|} \hline 112,686 \\ 4,34 \\ 54.18 \\ \hline \end{array}$ | $\begin{array}{r} 115,503 \\ 4,44 \\ 55.53 \\ \hline \end{array}$ | $\begin{array}{r} 118,391 \\ 4,533 \\ 56.92 \\ \hline \end{array}$ | $\begin{array}{r\|} \hline 121,351 \\ 4 \\ \hline 4,67 \\ 58.34 \\ \hline \end{array}$ | $\begin{array}{r} 124,384 \\ 4,784 \\ 59.80 \\ \hline \end{array}$ | $\begin{array}{r\|} \hline 127,494 \\ 4,904 \\ 61.30 \\ \hline \end{array}$ | $\begin{array}{c\|} \hline 130,681 \\ 5,026 \\ 62.83 \\ \hline \end{array}$ | $\begin{array}{\|r\|} \hline 133,448 \\ 5,152 \\ 64,40 \\ \hline \end{array}$ | $\begin{array}{r} 137,297 \\ 5,281 \\ 6.01 \\ \hline \end{array}$ | $\begin{array}{\|r\|} \hline 140,730 \\ 5,413 \\ \hline 67.66 \\ \hline \end{array}$ |  |
| $\begin{array}{r} \text { Grade } \\ 16 \end{array}$ | $\begin{array}{r} 92,310 \\ 3,550 \\ 44.38 \end{array}$ | $\begin{aligned} & 94,61 \\ & 3,639 \\ & 45.49 \end{aligned}$ | $\begin{gathered} 96,94 \\ 3,730 \\ 4,63 \\ 4.63 \end{gathered}$ | $\begin{gathered} 99,408 \\ 3,823 \\ 47,79 \end{gathered}$ | $\begin{array}{r} 101,893 \\ 3,919 \\ 48.99 \\ \hline \end{array}$ | $\begin{gathered} 104,441 \\ 4,017 \\ 50.21 \\ \hline \end{gathered}$ | $\begin{array}{r} 107,052 \\ 4,117 \\ 51.47 \\ \hline \end{array}$ | $\begin{array}{r} 109,728 \\ 4,220 \\ 52.75 \\ 5 \end{array}$ | $\begin{array}{r} 112,471 \\ 4,326 \\ 54.07 \\ \hline \end{array}$ | $\begin{array}{r} 115,283 \\ \left.\begin{array}{r} 4,344 \\ 55.42 \\ \hline \end{array}\right] \\ \hline \end{array}$ | $\begin{array}{r} 118,165 \\ 4,545 \\ 56.81 \\ \hline \end{array}$ | $\begin{array}{r} 121,119 \\ 4,68 \\ 58.23 \\ \hline \end{array}$ | $\begin{array}{r} 124,147 \\ 4,75 \\ \hline 59.69 \\ \hline \end{array}$ | $\begin{array}{r} 127,251 \\ 4,894 \\ \hline 61.18 \end{array}$ | $\begin{array}{r} 130,432 \\ 5,017 \\ 66.71 \\ \hline \end{array}$ | $\begin{array}{r} 133,693 \\ 5 \\ 5,142 \\ 64.28 \\ \hline \end{array}$ | $\begin{array}{r} 137,035 \\ 5 \\ 5,79 \\ 65.88 \end{array}$ | $\begin{array}{r\|} \hline 140,461 \\ 5,402 \\ 67,53 \\ \hline \end{array}$ | $\begin{array}{r} 143,973 \\ 5,597 \\ \hline 69.22 \end{array}$ | $\begin{array}{r\|} \hline 147,572 \\ 5,66 \\ 0,95 \\ \hline \end{array}$ | $\begin{array}{r} 151,261 \\ 5,818 \\ \hline 72.72 \\ \hline \end{array}$ |  |
|  | Step 1] | Step 2] | Step 3 | Step 4] | Step 5 | Step 6 | Step 7 ] | Step 8 ] | Step 9 , | Step 10] | Step 11 | Step 12] | Step 13] | Step 14 | Step 15] | Step 16 | Step 17 | Step 18 ] | Step 19 | Step 20] | Step 21] |  |

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## Executive Summary

## External Competitiveness Takeaway

Overall, job titles at the Town of Berlin are compensated $8.5 \%$ below market. Compensation is lagging the market across most departments, as shown below.

| Department | Market Position |
| :--- | :---: |
| Administration | $4.6 \%$ below market |
| Economic Development | $22.1 \%$ below market |
| Electric Utility | $0.1 \%$ above market |
| Finance | $7.9 \%$ below market |
| Planning \& Zoning | $17.2 \%$ below market |
| Police | $5.7 \%$ below market |
| Public Works | $8.6 \%$ below market |
| Water Resources | $8.9 \%$ below market |
|  |  |
| Overall | $\mathbf{8 . 5 \%}$ below market |

Recommendations for holistic compensation adjustments for all job titles at the Town is delineated in the report. No wage reductions are recommended.

## Process

Paypoint HR is pleased to present this comprehensive Wage Compensation and Classification Study to the Town of Berlin, Maryland. The study began with initial kick-off meeting with the Human Resources Director and the Town Administrator on November 29, 2022. The Final Report was completed for presentation to the Town in Spring 2023.

The point of the Executive Summary is to give an overview of the most important issues and opportunities identified by the consulting team during the study. The reader is highly encouraged to read the document in its entirety in order to gain an understanding of the recommendations within the report. The study takes into consideration both short and long-term concerns. The intent of the study was to provide the leadership team and Human Resources with a process for ascertaining equitable value of positions on a competitive salary scale. The study compared existing pay to compensation scales of organizations identified to be valid comparators to the Town. This report provides a review and update of the classification and compensation plan for the Town's employees. Paypoint HR has identified opportunities, but it is up to the Town's leadership to determine which are most appropriate and the timing of implementation.

In considering the options for implementation, it is critical to understand the costs and benefits related to each option. By utilizing market data and analysis it is possible to make informed decisions with regard to possible changes. However, in addition to the quantitative economic cost and benefit, it is important to consider the social/cultural impact of implementation and management. The Town of Berlin will need to consider all components in making final decisions.

The study was divided into two parts: a classification phase and a compensation phase. The classification phase included identification, review, and analysis of specific work being performed in various positions. That data was then used to simplify positions and match them to the external market in an "apples to apples" comparison. The compensation phase consisted of an initial baseline analysis and an external market survey of local public organizations to determine what the local labor market pays for specific jobs.

The study included approximately 78 employees within roughly 60 distinct classifications. The study recommendations indicate what actions should be taken, to avoid loss of qualified staff and address difficulties in recruiting new employees for the Town. In addition, it was expected that the study would recommend adjustments to the Town's salary placement procedures, policies, and salary structure, to allow appropriate ongoing compensation administration.

Comprehensive surveys like this establish a credible pay structure that is fair for the work completed and strategically positions the Town of Berlin competitively in the labor market. The desired result is the improved ability to attract and retain quality staff that perform at high levels to meet the growing demands of the community.

## Major Milestones for the Project

An initial kick-off meeting with the Human Resources Director and the Town Administrator on November 29, 2022. A Kickoff Meeting for department heads was held on December 14, 2022.

Employee Briefing Sessions were held at the Town on January $4^{\text {th }}$ with groups of employees from all departments to discuss the project, their roles, and to review the job analysis questionnaire.

Paypoint HR conducted a job evaluation for an internal review of job family classifications based on the responses to the PVPs.

An analysis of the existing pay scale was completed.
External Market Comparators were vetted using economic and demographic data to determine which comparators were most like the Town to ensure validity.

Internal positions were reviewed, and benchmark positions were selected for inclusion in the external survey.

The external market survey was sent out to a total of 43 comparator organizations and responses from 21 participants were collected. Typical surveys of this type yield a 5-10\% response rate. Berlin's study response rate is considered excellent at $49 \%$.

## Survey Respondents

| Caroline County, <br> MD | Centreville, MD | Delmar, MD | Dorchester County, <br> MD |
| :---: | :---: | :---: | :---: |
| City of Dover <br> Electric <br> Department, DE | Federalsburg, MD | Fruitland, MD | Hagerstown Light <br> Department, MD |
| Kent County, DE | Laurel, DE | Milford, DE | Millsboro, DE |
| Milton, DE | Ocean City, MD | Queen Ane's <br> County, MD | Salisbury, MD |
| Seaford, DE | Selbyville, DE | Somerset County, <br> MD | Sussex County, DE |
| Thurmont Electric <br> Department, MD |  |  |  |

## Comparators

## Purpose

To determine economically comparable organizations for inclusion in the external market study by comparing economic metrics of Berlin to those of similar communities.

## Methodology

The goal was to understand how each of the thirty-seven (37) identified communities compared with Berlin. The six (6) metrics that were chosen for evaluation were population, unemployment rate, labor force participation rate, median household income, cost of living adjustment, and median housing price. Each metric was assumed to be equally important and were examined individually and in combination.

A statistic was produced for each metric by first taking the absolute value of the difference between the metric for a similar community and the same metric for Berlin, for example, the difference between the population of Berlin and Ocean City. The difference was then divided by the standard deviation to understand how the difference varied for each similar community in relation to the sample population of the thirty-seven (37) communities as a whole.

If any of the metrics had a value in excess of three standard deviations, then the community was considered to not be a good comparator for Berlin - highlighted in red below. Comparators highlighted in green were perceived by the client as a valid comparator.

From a statistical perspective, Chebyshev's Inequality Theorem indicates that $88.8 \%$ of all data values would be within three (3) standard deviations of the mean for a generic distribution. If a normal distribution exists, then values less than three (3) standard deviations account for $99.73 \%$ of the population. The choice of comparison is therefore statistically sound and appropriate.

A summary table of these calculations is presented in the following tables. (Sample calculations are also presented.)

Table 1 - Potential Comparators - Maryland

| Cambridge | Caroline County | Centreville | Crisfield |
| :---: | :---: | :---: | :---: |
| Delmar | Denton | Dorchester County | Easton |
| Federalsburg | Fruitland | Greensboro | Hurlock |
| Ocean City | Pocomoke City | Princess Anne | Queen Anne's <br> County |
| Snow Hill | Somerset County | Talbot County | Wicomico County |
| Worcester County |  |  |  |

Table 2 - Potential Comparators - Delaware

| Bridgeville | Camden | Clayton | Delmar |
| :---: | :---: | :---: | :---: |
| Georgetown | Harrington | Kent County | Laurel |
| Milford | Millsboro | Milton | Ocean View |
| Seaford | Selbyville | Smyrna | Sussex County |
|  |  |  |  |

For reference:

## Population

Berlin - 4, 740
Maryland - 6,037,624
Delaware - 967,679
United States - 332,639,000

Median Housing Price (MHP)
Berlin - \$248,600
Maryland - \$325,400 Delaware - \$258,300
United States - \$229,800
Median Household Income (MHI)
Berlin - \$60,301
Maryland - \$87,063 Delaware - \$69,110
United States - \$64,994
Cost of Living Adjustment (COLA)
Berlin - 102
Maryland - 117
Delaware - 105
United States - 100

Annualized Unemployment Rate (U Rate)
Berlin - 3.1\%
Maryland - 3.5\%
Delaware - 3.6\%
United States - 3.4\%

Annualized Labor Force Participation Rate (LFP Rate)
Berlin - 66.3\%
Maryland - 67.6\%
Delaware - 62.2\%
United States - 63.4\%

Table 3 - Economic Data of the Berlin and Potential Comparators

| Community | Population | MHP | MHI | COLA | U Rate | LFP <br> Rate |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Berlin | 4,740 | $\$ 248,600$ | $\$ 60,301$ | 102 | $3.1 \%$ | $66.3 \%$ |
| Maryland |  |  |  |  |  |  |
| Cambridge | 12,300 | $\$ 173,800$ | $\$ 39,063$ | 96 | 96 | $60.3 \%$ |
| Caroline County | - | $\$ 213,400$ | $\$ 59,042$ | 100 | 100 | $64.2 \%$ |
| Centreville | 4,829 | $\$ 338,100$ | $\$ 98,942$ | 112 | 112 | $60.7 \%$ |
| Crisfield | 2,572 | $\$ 107,500$ | $\$ 34,444$ | 89 | 89 | $57.1 \%$ |
| Delmar | 3,321 | $\$ 156,800$ | $\$ 59,659$ | 98 | 98 | $70.6 \%$ |
| Denton | 4,488 | $\$ 197,300$ | $\$ 50,808$ | 99 | 99 | $62.7 \%$ |
| Dorchester County | - | $\$ 187,300$ | $\$ 52,799$ | 97 | 97 | $60.8 \%$ |
| Easton | 16,589 | $\$ 276,000$ | $\$ 61,639$ | 105 | 105 | $61.7 \%$ |
| Federalsburg | 2,668 | $\$ 118,400$ | $\$ 31,915$ | 92 | 92 | $54.4 \%$ |
| Fruitland | 5,281 | $\$ 165,300$ | $\$ 52,392$ | 99 | 99 | $66.2 \%$ |
| Greensboro | 2,873 | $\$ 146,500$ | $\$ 39,821$ | 96 | 96 | $60.1 \%$ |
| Hurlock | 2,390 | $\$ 137,600$ | $\$ 58,750$ | 91 | 91 | $63.8 \%$ |
| Ocean City | 6,957 | $\$ 292,100$ | $\$ 55,954$ | 108 | 108 | $60.2 \%$ |
| Pocomoke City | 4,072 | $\$ 135,400$ | $\$ 38,402$ | 92 | 92 | $61.2 \%$ |
| Princess Anne | 3,525 | $\$ 137,000$ | $\$ 34,397$ | 95 | 95 | $77.4 \%$ |
| Queen Anne's | - | $\$ 363,300$ | $\$ 96,467$ | 118 | 118 | $65.4 \%$ |
| County | 2,206 | $\$ 129,100$ | $\$ 46,750$ | 93 | 93 | $62.4 \%$ |
| Snow Hill | - | $\$ 131,500$ | $\$ 44,980$ | 94 | 94 | $47.5 \%$ |
| Somerset County | - | $\$ 334,000$ | $\$ 73,102$ | 113 | 113 | $57.4 \%$ |
| Talbot County | - | $\$ 185,000$ | $\$ 60,366$ | 99 | 99 | $64.8 \%$ |
| Wicomico County | $-2,300$ | $\$ 267,400$ | $\$ 65,396$ | 105 | 105 | $58.6 \%$ |
| Worcester County | 12, |  |  |  |  |  |


| Community | Population | MHP | MHI | COLA | U Rate | LFP <br> Rate |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Berlin | 4,740 | $\$ 248,600$ | $\$ 60,301$ | 102 | $3.1 \%$ | $66.3 \%$ |
|  |  |  |  |  |  |  |
| Delaware |  |  |  |  |  |  |
| Bridgeville | 3,508 | $\$ 312,000$ | $\$ 47,830$ | 107 | $1.6 \%$ | $42.5 \%$ |
| Camden | 3,529 | $\$ 218,300$ | $\$ 70,061$ | 104 | $1.6 \%$ | $62.1 \%$ |
| Clayton | 3,393 | $\$ 256,300$ | $\$ 87,118$ | 106 | $1.8 \%$ | $69.5 \%$ |
| Delmar | 2,153 | $\$ 171,100$ | $\$ 48,393$ | 95 | $1.5 \%$ | $52.4 \%$ |
| Georgetown | 7,436 | $\$ 222,300$ | $\$ 41,943$ | 102 | $3.8 \%$ | $55.0 \%$ |
| Harrington | 3,658 | $\$ 187,400$ | $\$ 56,528$ | 98 | $3.4 \%$ | $72.0 \%$ |
| Kent County |  | $\$ 226,600$ | $\$ 60,117$ | 102 | $3.7 \%$ | $61.6 \%$ |
| Laurel | 4,311 | $\$ 155,600$ | $\$ 40,313$ | 92 | $2.0 \%$ | $65.0 \%$ |
| Milford | 11,463 | $\$ 199,600$ | $\$ 45,948$ | 99 | $3.5 \%$ | $58.2 \%$ |
| Millsboro | 4,448 | $\$ 212,200$ | $\$ 50,931$ | 102 | $0.7 \%$ | $57.1 \%$ |
| Milton | 2,993 | $\$ 301,800$ | $\$ 59,924$ | 107 | $1.0 \%$ | $49.9 \%$ |
| Ocean View | 2,637 | $\$ 367,800$ | $\$ 75,852$ | 119 | $0.3 \%$ | $44.0 \%$ |
| Seaford | 7,897 | $\$ 167,700$ | $\$ 52,840$ | 95 | $5.8 \%$ | $61.4 \%$ |
| Selbyville | 2,520 | $\$ 322,400$ | $\$ 72,813$ | 110 | $0.3 \%$ | $65.1 \%$ |
| Smyrna | 11,694 | $\$ 210,300$ | $\$ 59,830$ | 101 | $3.2 \%$ | $71.5 \%$ |
| Sussex County | 3,508 | $\$ 269,700$ | $\$ 64,905$ | 106 | $2.7 \%$ | $55.3 \%$ |

Table 4 - Statistics of Potential Comparators

| Community | Population | MHP | MHI | COLA | U Rate | LFP <br> Rate |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Maryland |  |  |  |  |  |  |
| Cambridge | 2.10 | 1.02 | 1.34 | 0.82 | 1.27 | 0.82 |
| Caroline County |  | 0.48 | 0.08 | 0.27 | 0.00 | 0.29 |
| Centreville | 0.02 | 1.22 | 2.44 | 1.37 | 1.06 | 0.76 |
| Crisfield | 0.60 | 1.93 | 1.64 | 1.78 | 2.28 | 1.25 |
| Delmar | 0.39 | 1.25 | 0.04 | 0.55 | 0.85 | 0.59 |
| Denton | 0.07 | 0.70 | 0.60 | 0.41 | 0.48 | 0.49 |
| Dorchester County |  | 0.84 | 0.47 | 0.68 | 0.69 | 0.75 |
| Easton | 3.30 | 0.37 | 0.08 | 0.41 | 0.85 | 0.63 |
| Federalsburg | 0.58 | 1.78 | 1.80 | 1.37 | 0.58 | 1.62 |
| Fruitland | 0.15 | 1.14 | 0.50 | 0.41 | 2.33 | 0.01 |
| Greensboro | 0.52 | 1.40 | 1.30 | 0.82 | 0.79 | 0.85 |
| Hurlock | 0.65 | 1.52 | 0.10 | 1.50 | 1.96 | 0.34 |
| Ocean City | 0.62 | 0.59 | 0.27 | 0.82 | 0.21 | 0.83 |
| Pocomoke City | 0.19 | 1.55 | 1.39 | 1.37 | 0.16 | 0.70 |
| Princess Anne | 0.34 | 1.53 | 1.64 | 0.96 | 0.37 | 1.51 |
| Queen Anne's |  | 1.57 | 2.29 | 2.18 | 0.58 | 0.12 |
| County |  | 1.63 | 0.86 | 1.23 | 1.32 | 0.53 |
| Snow Hill | 0.71 |  | 1.60 | 0.97 | 1.09 | 0.69 |
| Somerset County |  | 1.17 | 0.81 | 1.50 | 0.74 | 1.21 |
| Talbot County |  | 0.87 | 0.00 | 0.41 | 1.06 | 0.20 |
| Wicomico County |  | 0.26 | 0.32 | 0.41 | 0.16 | 1.05 |
| Worcester County |  |  |  |  |  |  |


| Community | Population | MHP | MHI | COLA | U Rate | LFP <br> Rate |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Delaware |  |  |  |  |  |  |
| Bridgeville | 0.34 | 0.87 | 0.79 | 0.68 | 0.79 | 3.25 |
| Camden | 0.34 | 0.41 | 0.62 | 0.27 | 0.79 | 0.57 |
| Clayton | 0.37 | 0.11 | 1.70 | 0.55 | 0.69 | 0.44 |
| Delmar | 0.72 | 1.06 | 0.75 | 0.96 | 0.85 | 1.90 |
| Georgetown | 0.75 | 0.36 | 1.16 | 0.00 | 0.37 | 1.54 |
| Harrington | 0.30 | 0.84 | 0.24 | 0.55 | 0.16 | 0.78 |
| Kent County |  | 0.30 | 0.01 | 0.00 | 0.32 | 0.64 |
| Laurel | 0.12 | 1.27 | 1.26 | 1.37 | 0.58 | 0.18 |
| Milford | 1.87 | 0.67 | 0.91 | 0.41 | 0.21 | 1.10 |
| Millsboro | 0.08 | 0.50 | 0.59 | 0.00 | 1.27 | 1.25 |
| Milton | 0.49 | 0.73 | 0.02 | 0.68 | 1.11 | 2.24 |
| Ocean View | 0.59 | 1.63 | 0.98 | 2.32 | 1.48 | 3.04 |
| Seaford | 0.88 | 1.11 | 0.47 | 0.96 | 1.43 | 0.67 |
| Selbyville | 0.62 | 1.01 | 0.79 | 1.09 | 1.48 | 0.16 |
| Smyrna | 1.94 | 0.52 | 0.03 | 0.14 | 0.05 | 0.71 |
| Sussex County |  | 0.29 | 0.29 | 0.55 | 0.21 | 1.50 |

## Additional Comparators

The following list of additional comparators were added by the project team to ensure that the electric department staff, among others, are fairly represented in the study.

- A\&N Electric Cooperative
- Choptank Electric Cooperative
- Delaware Electric Cooperative Inc
- Delmarva Power Company
- City of Dover Electric Department, DE
- Easton Utilities, MD
- City of Hagerstown Light Department, MD
- Town of Thurmont Electric Department, MD
- Town of Williamsport Utilities Department, MD


## Sample Calculation

Sample Calculation for Ocean City
Population Statistic
Maximum Population $=16,589$ (Easton)
Minimum Population $=2,153$ (Delmar, DE)
Berlin Population $=4,740$
Ocean City Population $=6,957$
Sample Average = 5,188
Sample Standard Deviation = 3,593

$$
\begin{aligned}
& \text { Statistic }=\frac{\mid \text { Berlin }- \text { Ocean City } \mid}{s} \\
& \text { Statistic }=\frac{|4,740-6,957|}{3,593}
\end{aligned}
$$

$$
\text { Statistic }=0.62
$$

## Benchmark Positions

Benchmark positions are normally chosen to reflect a broad spectrum of class levels. The positions that are selected normally include classes that are most likely to be found in other similar agencies and will therefore provide a sufficient and valid sample for analysis.

Benchmark positions are selected to encompass the entire range of positions from the beginning of the pay ranges to the end and equally interspersed among the pay scale.

In Table 5 through Table 13, the benchmark positions used in the external survey are presented. From this list of benchmark positions, all job titles considered in this audit were examined.

Table 5 - Benchmark Positions - Administration


Table 7 - Benchmark Positions - Elected

## Job Title

Council Member

## Job Title

Mayor

Table 8 - Benchmark Positions - Electric Utility

## Job Title

Assistant Power Plant Superintendent
Chief Lineman
Electric Line Worker 1st Class
Electric Line Worker 2nd Class
Electric Line Worker 3rd Class
Electric Line Worker Apprentice

## Job Title

Electric Utility Director
Line Crew Superintendent
Meter Technician
Power Plant Operator
Power Plant Superintendent
Substation Lineman

Table 9 - Benchmark Positions - Finance

## Job Title

Customer Service Representative
Customer Service Supervisor
Finance Director

## Job Title

Fiscal Specialist
Senior Accountant
Utility Billing Supervisor

Table 10 - Benchmark Positions - Planning \& Zoning

## Job Title

Permits Coordinator

## Job Title

Planning \& Zoning Director

## Table 11 - Benchmark Positions - Police

## Job Title

Police Chief
Police Communications Officer
Police Corporal
Police Detective
Police Lieutenant
Police Officer

## Job Title

Police Officer First Class
Police Officer Trainee
Police Records Clerk
Police Senior Officer
Police Sergeant

Table 12 - Benchmark Positions - Public Works

## Job Title

Equipment Operator I
Equipment Operator II
Maintenance Mechanic
Public Works Director

## Job Title

Public Works Superintendent
Sanitation Crew Leader
Sanitation Laborer

Table 13 - Benchmark Positions - Water Resources

## Job Title

Distribution/Collection Technician
Distribution/Collection Technician Lead
Spraysite Operator
Spraysite Supervisor
Stormwater Laborer
Water \& Wastewater Director
Water Operator

## Job Title

Water Operator 2
Water Superintendent
WWTP Assistant Superintendent
WWTP Operator
WWTP Senior Laboratory Manager
WWTP Superintendent

## Compensable Factor Score from Position Vantage Point

To assist in determining the internal hierarchy of positions at the Town, employees and department heads participated in the Position Vantage Point Job Survey. Questions asked in the PVP are divided into four areas: Background, Authority, Skill, and Environment. In these four areas, the following compensable factors were examined:

| Education | Complexity |
| :--- | :--- |
| Certifications | Independence |
| Work Duties | Impact |
| Work Experience | Physical |
| Financial Authority | Working Conditions |
| Supervision | Interaction |

Job descriptions were consulted to update both the minimum education level and minimum experience level required for each position. The responses were then evaluated, producing the Compensable Factor Score (CFS) as shown below. For positions, where there was insufficient data from the employee/manager survey, job descriptions were consulted to fill out the survey.

Table 14 - Compensable Factor Score

|  | CFS |
| :--- | :---: |
| Position Classification | 797.6 |
| Town Administrator | 374.5 |
| Electric Utility Director | 323.8 |
| Finance Director | 308.0 |
| Deputy Town Administrator | 304.1 |
| Public Works Director | 293.3 |
| Police Chief | 291.6 |
| Human Resources Director | 287.4 |
| Water \& Wastewater Director | 269.6 |
| Director of Economic Development | 269.1 |
| Planning \& Zoning Director | 198.5 |
| Line Crew Superintendent |  |


| Position Classification | CFS Score |
| :---: | :---: |
| Power Plant Superintendent | 198.5 |
| Police Lieutenant | 164.4 |
| Assistant Power Plant Superintendent | 143.9 |
| WWTP Superintendent | 100.6 |
| Water Superintendent | 98.4 |
| Public Works Superintendent | 96.1 |
| Chief Lineman | 89.4 |
| Police Sergeant | 65.5 |
| Substation Lineman | 58.7 |
| WWTP Assistant Superintendent | 51.0 |
| Town Clerk | 50.6 |
| Police Corporal | 49.8 |
| Electric Line Worker 1st Class | 44.4 |
| Police Senior Officer | 38.8 |
| Assistant to the Mayor/Public Information Officer | 30.6 |
| WWTP Senior Laboratory Manager | 30.3 |
| Meter Technician | 28.3 |
| Electric Line Worker 2nd Class | 25.5 |
| Utility Billing Supervisor | 24.1 |
| Police Detective | 23.6 |
| Power Plant Operator | 23.2 |
| Maintenance Mechanic | 21.0 |
| Police Officer First Class | 19.3 |
| Senior Accountant | 17.0 |
| Sanitation Crew Leader | 14.4 |
| Electric Line Worker 3rd Class | 14.3 |


| Position Classification | CFS |
| :--- | :---: |
| Score |  |$|$| 14.1 |
| :--- |
| Police Officer |
| Distribution/Collection Technician Lead |
| Fiscal Specialist |
| Permits Coordinator |
| Spraysite Supervisor |
| Water Operator 2 |
| Water Operator |
| Equipment Operator II |
| WwTP Operator |
| Distribution/Collection Technician |
| Police Records Clerk |
| Police Officer Trainee |
| Police Communications Officer |
| Equipment Operator I |
| Electric Line Worker Apprentice |
| Spraysite Operator |
| Customer Service Supervisor |
| Administrative Assistant - Economic |
| Development |
| Stormwater Laborer |
| Sanitation Laborer |
| Customer Service Representative |
| Administrative Assistant |

## External Market Comparison

A summary of the findings of the external market analysis is presented in Table 15 through Table 19. In Table 20 through Table 28, the external market findings for all position classifications is presented, sorted alphabetically. The minimum, midpoint, and maximum hourly salary for each position classification is presented first. The market average (mean) and the various market quantiles are then presented. Lastly the Compa-Ratio, the ratio of the grade's midpoint divided by the 50th percentile from the external market, which measures the extent of the deviation of the current salary range in comparison to the market median, is presented.

Table 15 - Full-Time Positions Substantially Below Market (Compa-Ratio \% Diff<-10\%)

| Administrative Assistant - Economic <br> Development | Police Sergeant |
| :--- | :--- |
| Director of Economic Development | Public Works Director |
| Distribution/Collection Technician | Public Works Superintendent |
| Distribution/Collection Technician Lead | Sanitation Crew Leader |
| Finance Director | Spraysite Supervisor |
| Human Resources Director | Stormwater Laborer |
| Permits Coordinator | Utility Billing Supervisor |
| Planning \& Zoning Director | WWTP Assistant Superintendent |
| Police Officer First Class | WWTP Operator |
| Police Senior Officer | WWTP Superintendent |

Table 16 - Full-Time Positions Below Market (-10\% < Compa-Ratio \% Diff <-5\%)

| Administrative Assistant | Police Records Clerk |
| :--- | :--- |
| Customer Service Supervisor | Senior Accountant |
| Meter Technician | Town Administrator |
| Police Communications Officer | Water Superintendent |
| Police Corporal |  |

Table 17 - Full-Time Positions Near Market (-5\% < Compa-Ratio \% Diff < +5\%)

| Chief Lineman | Police Chief |
| :--- | :--- |
| Customer Service Representative | Police Lieutenant |
| Electric Line Worker 1st Class | Power Plant Operator |
| Electric Line Worker Apprentice | Sanitation Laborer |
| Electric Utility Director | Spraysite Operator |
| Equipment Operator I | Substation Lineman |
| Equipment Operator II | Water \& Wastewater Director |
| Fiscal Specialist | WWTP Senior Laboratory Manager |

Table 18 - Full-Time Positions Above Market (+5\% < Compa-Ratio \% Diff < +10\%)
None

Table 19 - Full-Time Positions Substantially Above Market (Compa-Ratio \% Diff > +10\%)
Maintenance Mechanic

Table 20 - External Market Comparison - Administration

|  | Admin <br> Assistant | Asst to <br> Mayor / PIO | Deputy <br> Town <br> Admin | Human <br> Resources <br> Director | Town <br> Admin |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Market <br> Percentiles |  |  |  |  |  |
| $20 \%$ | $\$ 19.19$ | $\$ 24.20$ | $\$ 46.50$ | $\$ 41.40$ | $\$ 47.27$ |
| $25 \%$ | $\$ 19.23$ | $\$ 24.98$ | $\$ 48.32$ | $\$ 41.40$ | $\$ 48.08$ |
| $30 \%$ | $\$ 19.84$ | $\$ 25.21$ | $\$ 48.54$ | $\$ 41.41$ | $\$ 49.04$ |
| $35 \%$ | $\$ 20.00$ | $\$ 25.82$ | $\$ 48.77$ | $\$ 42.98$ | $\$ 50.53$ |
| $40 \%$ | $\$ 20.32$ | $\$ 26.59$ | $\$ 48.92$ | $\$ 44.17$ | $\$ 54.36$ |
| $45 \%$ | $\$ 21.75$ | $\$ 30.06$ | $\$ 49.01$ | $\$ 45.46$ | $\$ 55.29$ |
| $50 \%$ | $\$ 21.75$ | $\$ 31.74$ | $\$ 49.09$ | $\$ 48.09$ | $\$ 58.77$ |
| $55 \%$ | $\$ 22.23$ | $\$ 31.75$ | $\$ 51.22$ | $\$ 48.09$ | $\$ 58.92$ |
| $60 \%$ | $\$ 24.30$ | $\$ 32.28$ | $\$ 53.35$ | $\$ 48.09$ | $\$ 59.88$ |
| $65 \%$ | $\$ 25.76$ | $\$ 32.53$ | $\$ 55.00$ | $\$ 48.32$ | $\$ 65.34$ |
| $70 \%$ | $\$ 26.26$ | $\$ 32.70$ | $\$ 56.18$ | $\$ 50.39$ | $\$ 67.33$ |
| $75 \%$ | $\$ 28.27$ | $\$ 37.03$ | $\$ 57.35$ | $\$ 51.88$ | $\$ 71.80$ |
| $80 \%$ | $\$ 29.51$ | $\$ 38.51$ | $\$ 58.85$ | $\$ 53.21$ | $\$ 76.41$ |
|  |  |  |  |  |  |
| Mean | $\$ 24.32$ | $\$ 30.21$ | $\$ 52.84$ | $\$ 47.62$ | $\$ 61.19$ |
| Compa- | $-8.0 \%$ |  |  |  |  |
| Ratio |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |



Table 21 - External Market Comparison - Economic Development

| Admin Asst |
| :---: | :---: | :---: |
| Economic |
| Dev |$\quad$| Director |
| :---: |
| Economic |
| Dev |



Table 22 - External Market Comparison - Elected

| Council <br> Member | Mayor |
| :--- | :--- | :--- |



Table 23 - External Market Comparison - Electric Utility

| Asst Power | Chief | Electric | Electric | Electric |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Line Worker | Line Worker |  |  |  |
| Lineman Supt | Line Worker |  |  |  |
| $1^{\text {st }}$ Class | $2^{\text {nd }}$ Class | $3^{\text {rd }}$ Class |  |  |


| Market <br> Percentiles <br> $20 \%$ | $\$ 36.28$ | $\$ 40.39$ | $\$ 31.07$ | $\$ 25.94$ | $\$ 22.48$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $25 \%$ | $\$ 37.36$ | $\$ 40.95$ | $\$ 32.17$ | $\$ 26.49$ | $\$ 22.85$ |
| $30 \%$ | $\$ 38.21$ | $\$ 41.08$ | $\$ 33.19$ | $\$ 27.02$ | $\$ 23.28$ |
| $35 \%$ | $\$ 39.35$ | $\$ 41.22$ | $\$ 34.38$ | $\$ 27.65$ | $\$ 23.73$ |
| $40 \%$ | $\$ 40.47$ | $\$ 41.49$ | $\$ 34.55$ | $\$ 28.41$ | $\$ 24.38$ |
| $45 \%$ | $\$ 41.93$ | $\$ 41.65$ | $\$ 34.55$ | $\$ 29.42$ | $\$ 25.23$ |
| $50 \%$ | $\$ 43.38$ | $\$ 41.65$ | $\$ 34.55$ | $\$ 30.39$ | $\$ 26.04$ |
| $55 \%$ | $\$ 44.22$ | $\$ 41.65$ | $\$ 35.00$ | $\$ 31.22$ | $\$ 26.86$ |
| $60 \%$ | $\$ 45.32$ | $\$ 42.43$ | $\$ 35.40$ | $\$ 32.03$ | $\$ 27.58$ |
| $65 \%$ | $\$ 46.73$ | $\$ 43.60$ | $\$ 35.94$ | $\$ 32.98$ | $\$ 28.37$ |
| $70 \%$ | $\$ 48.51$ | $\$ 43.63$ | $\$ 37.47$ | $\$ 34.38$ | $\$ 29.64$ |
| $75 \%$ | $\$ 50.54$ | $\$ 44.69$ | $\$ 38.64$ | $\$ 35.60$ | $\$ 30.59$ |
| $80 \%$ | $\$ 52.35$ | $\$ 46.16$ | $\$ 39.77$ | $\$ 36.73$ | $\$ 31.50$ |
|  |  |  |  |  |  |
| Mean | $\$ 44.53$ | $\$ 43.10$ | $\$ 35.20$ | $\$ 31.36$ | $\$ 26.96$ |
| Compa- |  | $0.0 \%$ | $0.0 \%$ |  |  |
| Ratio |  |  |  |  |  |


| Electric | Electric | Line Crew | Meter <br> Lechnician | Power Plant <br> Operator |
| :---: | :---: | :---: | :---: | :---: | :---: |


| Market <br> Percentiles |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $20 \%$ | $\$ 19.95$ | $\$ 45.57$ | $\$ 38.20$ | $\$ 26.56$ | $\$ 25.39$ |
| $25 \%$ | $\$ 20.67$ | $\$ 48.39$ | $\$ 39.38$ | $\$ 27.14$ | $\$ 25.91$ |
| $30 \%$ | $\$ 21.38$ | $\$ 50.48$ | $\$ 40.28$ | $\$ 27.69$ | $\$ 26.42$ |
| $35 \%$ | $\$ 22.09$ | $\$ 50.48$ | $\$ 41.53$ | $\$ 28.35$ | $\$ 27.02$ |
| $40 \%$ | $\$ 22.96$ | $\$ 50.48$ | $\$ 42.71$ | $\$ 29.14$ | $\$ 27.76$ |
| $45 \%$ | $\$ 23.89$ | $\$ 51.01$ | $\$ 44.25$ | $\$ 30.16$ | $\$ 28.74$ |
| $50 \%$ | $\$ 23.99$ | $\$ 51.90$ | $\$ 45.79$ | $\$ 31.17$ | $\$ 29.69$ |
| $55 \%$ | $\$ 24.03$ | $\$ 52.50$ | $\$ 46.64$ | $\$ 32.00$ | $\$ 30.52$ |
| $60 \%$ | $\$ 24.36$ | $\$ 52.50$ | $\$ 47.79$ | $\$ 32.82$ | $\$ 31.31$ |
| $65 \%$ | $\$ 24.69$ | $\$ 52.50$ | $\$ 49.29$ | $\$ 33.80$ | $\$ 32.24$ |
| $70 \%$ | $\$ 25.02$ | $\$ 52.61$ | $\$ 51.13$ | $\$ 35.22$ | $\$ 33.62$ |
| $75 \%$ | $\$ 25.37$ | $\$ 54.03$ | $\$ 53.32$ | $\$ 36.49$ | $\$ 34.79$ |
| $80 \%$ | $\$ 25.74$ | $\$ 56.14$ | $\$ 55.25$ | $\$ 37.66$ | $\$ 35.89$ |
| Mean | $\$ 23.53$ | $\$ 52.58$ | $\$ 46.98$ | $\$ 32.15$ | $\$ 30.66$ |
| Compa- | $+2.6 \%$ | $+1.2 \%$ |  |  | $0.0 \%$ |
| Ratio |  |  |  |  |  |


| Power Plant |
| :---: | :---: | :---: |
| Supt |$\quad$| Substation |
| :---: |
| Lineman |

$\left.\begin{array}{|c|c|c|c|}\hline \text { Market } \\ \text { Percentiles }\end{array}\right)$

Table 24 - External Market Comparison - Finance

|  | Customer Service Rep | Customer Service Supervisor | Finance <br> Director | Fiscal Specialist | Senior Accountant |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Market Percentiles |  |  |  |  |  |
| 20\% | \$17.19 | \$18.75 | \$40.28 | \$23.01 | \$25.45 |
| 25\% | \$18.19 | \$20.05 | \$42.40 | \$23.37 | \$25.45 |
| 30\% | \$18.50 | \$20.64 | \$43.70 | \$24.12 | \$25.69 |
| 35\% | \$18.55 | \$20.64 | \$45.69 | \$25.07 | \$25.85 |
| 40\% | \$19.62 | \$20.64 | \$45.93 | \$25.07 | \$26.38 |
| 45\% | \$19.95 | \$20.64 | \$50.14 | \$25.29 | \$27.04 |
| 50\% | \$19.95 | \$22.26 | \$52.40 | \$25.91 | \$27.88 |
| 55\% | \$20.29 | \$24.17 | \$52.52 | \$27.64 | \$27.88 |
| 60\% | \$20.92 | \$27.48 | \$54.53 | \$28.10 | \$27.98 |
| 65\% | \$22.57 | \$30.67 | \$54.60 | \$28.10 | \$28.95 |
| 70\% | \$23.33 | \$33.57 | \$55.76 | \$29.07 | \$32.03 |
| 75\% | \$23.71 | \$35.34 | \$61.91 | \$29.66 | \$33.20 |
| 80\% | \$24.88 | \$35.74 | \$65.63 | \$30.40 | \$34.43 |
|  |  |  |  |  |  |
| Mean | \$21.58 | \$28.48 | \$52.92 | \$26.59 | \$29.24 |
| CompaRatio | 0.0\% | -7.3\% | -12.4\% | -3.2\% | -8.7\% |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |


|  | Utility |
| :---: | :---: |
| Billing |  |
| Supervisor |  |



Table 25 - External Market Comparison - Planning \& Zoning

| Permits |  <br> Zoning <br> Coordinator |
| :---: | :---: |
| Director |  |

$\left.\begin{array}{|c|c|c|}\hline & \begin{array}{c}\text { Market } \\ \text { Percentiles }\end{array} & \\ \hline\end{array}{ }^{20 \%}\right)$

Table 26 - External Market Comparison - Police

| Police Chief | Police <br> Comm <br> Officer | Police <br> Corporal | Police <br> Detective | Police <br> Lieutenant |
| :---: | :---: | :---: | :---: | :---: | :---: |


| Market <br> Percentiles <br> $20 \%$ | $\$ 46.43$ | $\$ 18.45$ | $\$ 31.58$ | $\$ 25.46$ | $\$ 35.98$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $25 \%$ | $\$ 47.32$ | $\$ 18.51$ | $\$ 32.13$ | $\$ 25.99$ | $\$ 37.70$ |
| $30 \%$ | $\$ 48.29$ | $\$ 18.51$ | $\$ 32.38$ | $\$ 26.51$ | $\$ 38.76$ |
| $35 \%$ | $\$ 48.49$ | $\$ 20.07$ | $\$ 32.39$ | $\$ 27.11$ | $\$ 38.83$ |
| $40 \%$ | $\$ 49.90$ | $\$ 20.64$ | $\$ 32.42$ | $\$ 27.86$ | $\$ 41.51$ |
| $45 \%$ | $\$ 52.72$ | $\$ 20.88$ | $\$ 32.64$ | $\$ 28.84$ | $\$ 41.60$ |
| $50 \%$ | $\$ 53.01$ | $\$ 21.19$ | $\$ 33.97$ | $\$ 29.79$ | $\$ 43.03$ |
| $55 \%$ | $\$ 53.29$ | $\$ 21.94$ | $\$ 34.48$ | $\$ 30.62$ | $\$ 45.16$ |
| $60 \%$ | $\$ 54.08$ | $\$ 22.71$ | $\$ 36.21$ | $\$ 31.41$ | $\$ 45.23$ |
| $65 \%$ | $\$ 55.59$ | $\$ 24.48$ | $\$ 37.50$ | $\$ 32.34$ | $\$ 45.99$ |
| $70 \%$ | $\$ 65.36$ | $\$ 26.10$ | $\$ 38.24$ | $\$ 33.72$ | $\$ 47.72$ |
| $75 \%$ | $\$ 67.94$ | $\$ 26.40$ | $\$ 41.47$ | $\$ 34.91$ | $\$ 51.90$ |
| $80 \%$ | $\$ 70.30$ | $\$ 27.44$ | $\$ 42.87$ | $\$ 36.01$ | $\$ 54.22$ |
|  |  |  |  |  |  |
| Mean | $\$ 56.71$ | $\$ 23.28$ | $\$ 35.70$ | $\$ 30.76$ | $\$ 43.51$ |
| Compa- <br> Ratio | $+0.5 \%$ | $-5.4 \%$ | $-6.0 \%$ |  | $-3.5 \%$ |


|  | Police Officer | Police Officer First Class | Police Officer Trainee | Police Records Clerk | Police Senior Officer |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Market Percentiles |  |  |  |  |  |
| 20\% | \$23.13 | \$26.54 | \$20.19 | \$21.70 | \$28.45 |
| 25\% | \$23.72 | \$26.75 | \$20.45 | \$21.76 | \$29.13 |
| 30\% | \$24.14 | \$26.93 | \$20.80 | \$23.06 | \$29.74 |
| 35\% | \$24.43 | \$28.07 | \$21.14 | \$23.06 | \$30.49 |
| 40\% | \$25.18 | \$28.92 | \$21.71 | \$23.06 | \$31.34 |
| 45\% | \$25.29 | \$29.51 | \$22.46 | \$24.42 | \$32.45 |
| 50\% | \$25.93 | \$29.79 | \$23.16 | \$25.35 | \$33.54 |
| 55\% | \$26.01 | \$30.02 | \$23.99 | \$25.35 | \$34.37 |
| 60\% | \$26.40 | \$30.08 | \$24.63 | \$25.35 | \$35.25 |
| 65\% | \$26.45 | \$31.39 | \$25.33 | \$25.49 | \$36.32 |
| 70\% | \$26.45 | \$32.42 | \$26.52 | \$27.75 | \$37.81 |
| 75\% | \$26.45 | \$36.54 | \$27.28 | \$27.75 | \$39.22 |
| 80\% | \$26.80 | \$36.97 | \$28.04 | \$27.75 | \$40.52 |
| Mean | \$26.21 | \$31.12 | \$24.04 | \$24.84 | \$34.56 |
| CompaRatio |  | -11.2\% |  | -9.0\% | -13.1\% |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |



Table 27 - External Market Comparison - Public Works

| Equipment |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Operator I | | Equipment |
| :---: |
| Operator II | | Maint |
| :---: |
| Mechanic | | Public |
| :---: |
| Works |
| Director |$\quad$| Public |
| :---: |
| Works Supt |


| Market <br> Percentiles |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $20 \%$ | $\$ 17.00$ | $\$ 18.61$ | $\$ 20.96$ | $\$ 36.86$ | $\$ 30.85$ |
| $25 \%$ | $\$ 17.02$ | $\$ 19.33$ | $\$ 21.44$ | $\$ 39.60$ | $\$ 33.17$ |
| $30 \%$ | $\$ 17.29$ | $\$ 19.99$ | $\$ 22.52$ | $\$ 42.80$ | $\$ 34.08$ |
| $35 \%$ | $\$ 17.56$ | $\$ 20.00$ | $\$ 24.74$ | $\$ 43.42$ | $\$ 34.62$ |
| $40 \%$ | $\$ 18.11$ | $\$ 20.09$ | $\$ 26.39$ | $\$ 43.79$ | $\$ 35.74$ |
| $45 \%$ | $\$ 18.88$ | $\$ 20.15$ | $\$ 26.76$ | $\$ 45.00$ | $\$ 38.15$ |
| $50 \%$ | $\$ 19.06$ | $\$ 20.89$ | $\$ 27.49$ | $\$ 45.00$ | $\$ 40.29$ |
| $55 \%$ | $\$ 19.41$ | $\$ 22.14$ | $\$ 28.71$ | $\$ 45.95$ | $\$ 41.57$ |
| $60 \%$ | $\$ 19.43$ | $\$ 22.70$ | $\$ 29.88$ | $\$ 46.45$ | $\$ 44.64$ |
| $65 \%$ | $\$ 19.59$ | $\$ 23.58$ | $\$ 30.08$ | $\$ 49.88$ | $\$ 46.48$ |
| $70 \%$ | $\$ 20.76$ | $\$ 24.00$ | $\$ 30.11$ | $\$ 53.28$ | $\$ 47.23$ |
| $75 \%$ | $\$ 21.62$ | $\$ 24.00$ | $\$ 30.49$ | $\$ 54.29$ | $\$ 48.08$ |
| $80 \%$ | $\$ 22.24$ | $\$ 24.46$ | $\$ 32.41$ | $\$ 55.43$ | $\$ 50.58$ |
|  |  |  |  |  |  |
| Mean | $\$ 19.42$ | $\$ 21.68$ | $\$ 27.45$ | $\$ 47.14$ | $\$ 42.15$ |
| Compa- <br> Ratio | $+1.9 \%$ | $-3.5 \%$ | $+9.4 \%$ | $-18.1 \%$ | $-24.8 \%$ |


| Sanitation | Sanitation |
| :---: | :---: |
| Crew | Laborer |
| Leader |  |



Table 28 - External Market Comparison - Water Resources

|  | D/C <br> Technician | Dechnician <br> Lead | Spraysite <br> Operator | Spraysite <br> Supervisor | Stormwater <br> Laborer |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Market <br> Percentiles |  |  |  |  |  |
| $20 \%$ | $\$ 20.50$ | $\$ 22.26$ | $\$ 19.48$ | $\$ 22.10$ | $\$ 18.69$ |
| $25 \%$ | $\$ 20.77$ | $\$ 22.62$ | $\$ 19.70$ | $\$ 22.45$ | $\$ 18.88$ |
| $30 \%$ | $\$ 21.13$ | $\$ 23.04$ | $\$ 20.03$ | $\$ 22.86$ | $\$ 19.19$ |
| $35 \%$ | $\$ 21.48$ | $\$ 23.48$ | $\$ 20.33$ | $\$ 23.29$ | $\$ 19.44$ |
| $40 \%$ | $\$ 22.06$ | $\$ 24.12$ | $\$ 20.87$ | $\$ 23.93$ | $\$ 19.96$ |
| $45 \%$ | $\$ 22.82$ | $\$ 24.96$ | $\$ 21.59$ | $\$ 24.76$ | $\$ 20.65$ |
| $50 \%$ | $\$ 23.55$ | $\$ 25.76$ | $\$ 22.27$ | $\$ 25.56$ | $\$ 21.28$ |
| $55 \%$ | $\$ 24.37$ | $\$ 26.59$ | $\$ 23.09$ | $\$ 26.38$ | $\$ 22.10$ |
| $60 \%$ | $\$ 25.03$ | $\$ 27.29$ | $\$ 23.71$ | $\$ 27.08$ | $\$ 22.71$ |
| $65 \%$ | $\$ 25.73$ | $\$ 28.08$ | $\$ 24.38$ | $\$ 27.86$ | $\$ 23.34$ |
| $70 \%$ | $\$ 26.93$ | $\$ 29.34$ | $\$ 25.54$ | $\$ 29.12$ | $\$ 24.47$ |
| $75 \%$ | $\$ 27.72$ | $\$ 30.27$ | $\$ 26.25$ | $\$ 30.04$ | $\$ 25.12$ |
| $80 \%$ | $\$ 28.50$ | $\$ 31.17$ | $\$ 26.96$ | $\$ 30.92$ | $\$ 25.78$ |
|  |  |  |  |  |  |
| Mean | $\$ 24.43$ | $\$ 26.67$ | $\$ 23.13$ | $\$ 26.47$ | $\$ 22.13$ |
| Compa- | $-14.6 \%$ | $-18.5 \%$ | $0.0 \%$ | $-11.7 \%$ | $-13.2 \%$ |
| Ratio |  |  |  |  |  |


|  |  <br> Wastewater <br> Director | Water <br> Operator | Water <br> Operator 2 | Water Supt | WWTP Assistant <br> Supt |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | *though the market <br> data came in at the <br> following rates, due to <br> internal position |  |
| equity, the data for |  |  |  |  |  |
| these positions will be |  |  |  |  |  |
| swapped with WWTP |  |  |  |  |  |
| Supt. |  |  |  |  |  |


|  | WWTP <br> Operator | WWTP <br> Senior Lab <br> Manager |  |
| :---: | :---: | :---: | :---: |

## Proposed Salary Schedules

A regression analysis of the CFS Score and the salary survey results indicate that market median salary for all positions is predicted very well by the CFS Score. The coefficient of determination is $\mathbf{9 5 \%}$, in other words, the knowledge, skills, and abilities identified in the employee/manager Position Vantage Point job description survey correlate very well with the external markets' valuation of the job positions at the Town of Berlin. As a result, a recommended salary scale for all employees is presented in Table 29.

The spread between the minimum and maximum salary for employees was set to $60 \%$. The Ladders, i.e., the distance between grades, was set to be 7.5\%.

It is recommended that in subsequent years after the adoption of the recommended pay plan, the Town should adjust the entire salary scale by the CPI annually as budget permits.

Table 29 - Proposed Salary Schedule

| Grade | Min | Mid | Max | Step |
| :---: | :---: | :---: | :---: | :---: |
| B01 | $\$ 15.00$ | $\$ 19.50$ | $\$ 24.00$ | $\$ 0.45$ |
| B02 | $\$ 16.13$ | $\$ 20.96$ | $\$ 25.80$ | $\$ 0.48$ |
| B03 | $\$ 17.33$ | $\$ 22.53$ | $\$ 27.74$ | $\$ 0.52$ |
| B04 | $\$ 18.63$ | $\$ 24.22$ | $\$ 29.82$ | $\$ 0.56$ |
| B05 | $\$ 20.03$ | $\$ 26.04$ | $\$ 32.05$ | $\$ 0.60$ |
| B06 | $\$ 21.53$ | $\$ 27.99$ | $\$ 34.46$ | $\$ 0.65$ |
| B07 | $\$ 23.15$ | $\$ 30.09$ | $\$ 37.04$ | $\$ 0.69$ |
| B08 | $\$ 24.89$ | $\$ 32.35$ | $\$ 39.82$ | $\$ 0.75$ |
| B09 | $\$ 26.75$ | $\$ 34.78$ | $\$ 42.80$ | $\$ 0.80$ |
| B10 | $\$ 28.76$ | $\$ 37.39$ | $\$ 46.01$ | $\$ 0.86$ |
| B11 | $\$ 30.92$ | $\$ 40.19$ | $\$ 49.46$ | $\$ 0.93$ |
| B12 | $\$ 33.23$ | $\$ 43.20$ | $\$ 53.17$ | $\$ 1.00$ |
| B13 | $\$ 35.73$ | $\$ 46.44$ | $\$ 57.16$ | $\$ 1.07$ |
| B14 | $\$ 38.41$ | $\$ 49.93$ | $\$ 61.45$ | $\$ 1.15$ |
| B15 | $\$ 41.29$ | $\$ 53.67$ | $\$ 66.06$ | $\$ 1.24$ |
| B16 | $\$ 44.38$ | $\$ 57.70$ | $\$ 71.01$ | $\$ 1.33$ |

## Proposed Internal Equity

In Table 30 through Table 38, the resulting proposed internal equity for the Town is presented.

Table 30 - Proposed Internal Equity

| Grade | Title |
| :---: | :---: |
| B16 | Town Administrator |
| B15 | - |
| B14 | Deputy Town Administrator <br> Electric Utility Director <br> Finance Director <br> Human Resources Director <br> Police Chief <br> Public Works Director <br> Water \& Wastewater Director |
| B13 | Director of Economic Development Planning \& Zoning Director Line Crew Superintendent Power Plant Superintendent |
| B12 | Assistant Power Plant Superintendent Police Lieutenant |
| B11 | Chief Lineman <br> Public Works Superintendent Water Superintendent WWTP Superintendent |
| B10 | Police Sergeant Substation Lineman |
| B09 | Electric Line Worker 1st Class <br> Police Corporal <br> Town Clerk <br> WWTP Assistant Superintendent |
| B08 | Assistant to the Mayor/Public Information Officer Police Senior Officer WWTP Senior Laboratory Manager |
| B07 | Electric Line Worker 2nd Class <br> Meter Technician <br> Police Detective <br> Power Plant Operator <br> Utility Billing Supervisor |


| Grade | Title |
| :---: | :---: |
| B06 | Maintenance Mechanic Police Officer First Class Senior Accountant |
| B05 | Distribution/Collection Technician Lead <br> Electric Line Worker 3rd Class <br> Fiscal Specialist <br> Permits Coordinator <br> Police Officer <br> Sanitation Crew Leader <br> Spraysite Supervisor <br> Water Operator 2 |
| B04 | Distribution/Collection Technician Equipment Operator II Police Records Clerk Water Operator WWTP Operator |
| B03 | Administrative Assistant - Economic Development <br> Customer Service Supervisor <br> Electric Line Worker Apprentice <br> Equipment Operator I <br> Police Communications Officer <br> Police Officer Trainee <br> Spraysite Operator |
| B02 | Administrative Assistant Customer Service Representative Sanitation Laborer Stormwater Laborer |
| B01 | - |

Table 31 - Proposed Internal Equity - Administration

| Grade | Title |
| :--- | :--- |
| B16 | Town Administrator |
| B14 | Deputy Town Administrator <br> Human Resources Director |
| B09 | Town Clerk |
| B08 | Assistant to the Mayor/Public Information Officer |
| B02 | Administrative Assistant |

Table 32 - Proposed Internal Equity - Economic Development

| Grade | Title |
| :--- | :--- |
| B13 | Director of Economic Development |
| B03 | Administrative Assistant - Economic Development |

Table 33 - Proposed Internal Equity - Electric Utility

| Grade | Title |
| :--- | :--- |
| B14 | Electric Utility Director |
| B13 | Line Crew Superintendent <br> Power Plant Superintendent |
| B12 | Assistant Power Plant Superintendent |
| B11 | Chief Lineman |
| B10 | Substation Lineman |
| B09 | Electric Line Worker 1st Class <br> B07Electric Line Worker 2nd Class <br> Meter Technician <br> Power Plant Operator |
| B05 | Electric Line Worker 3rd Class <br> B03Electric Line Worker Apprentice |

Table 34 - Proposed Internal Equity - Finance

| Grade | Title |
| :--- | :--- |
| B14 | Finance Director |
| B07 | Utility Billing Supervisor |
| B06 | Senior Accountant |
| B05 | Fiscal Specialist |
| B03 | Customer Service Supervisor |
| B02 | Customer Service Representative |

Table 35 - Proposed Internal Equity - Planning \& Zoning

| Grade | Title |
| :--- | :--- |
| B13 | Planning \& Zoning Director |
| B05 | Permits Coordinator |

Table 36 - Proposed Internal Equity - Police

| Grade | Title |
| :--- | :--- |
| B14 | Police Chief |
| B12 | Police Lieutenant |
| B10 | Police Sergeant |
| B09 | Police Corporal |
| B08 | Police Senior Officer |
| B07 | Police Detective |
| B06 | Police Officer First Class |
| B05 | Police Officer |
| B04 | Police Records Clerk |
| B03 | Police Communications Officer <br> Police Officer Trainee |

Table 37 - Proposed Internal Equity - Public Works

| Grade | Title |
| :--- | :--- |
| B14 | Public Works Director |
| B11 | Public Works Superintendent |
| B06 | Maintenance Mechanic |
| B05 | Sanitation Crew Leader |
| B04 | Equipment Operator II |
| B03 | Equipment Operator I |
| B02 | Sanitation Laborer |

Table 38 - Proposed Internal Equity - Water Resources

| Grade | Title |
| :--- | :--- |
| B14 | Water \& Wastewater Director |
| B11 | Water Superintendent <br> WWTP Superintendent |
| B09 | WWTP Assistant Superintendent |
| B08 | WWTP Senior Laboratory Manager |
| B05 | Distribution/Collection Technician Lead <br> Spraysite Supervisor <br> Water Operator 2 |
| B04 | Distribution/Collection Technician <br> Water Operator <br> WWTP Operator |
| B03 | Spraysite Operator <br> Stormwater Laborer |
| B02 |  |

