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Total Compensation Findings

City of San José, Office of Retirement Services

KOFF & ASSOCIATES

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Mr. Roberto L. Peña
Chief Executive Officer
Office of Retirement Services, City of San José
1737 N. First St., Suite 600
San José, CA 95112

Dear Mr. Peña:

In June 2017, Koff & Associates (K&A) was retained by the Office of Retirement Services (Office) to conduct a total compensation analysis of five (5) classifications. Total Compensation Study findings for the Chief Investment Officer classification were submitted in September 2017. We are pleased to submit the total compensation study findings with respect to the Chief Executive Officer, Retirement Investment Analyst II, Retirement Investment Officer, Senior Retirement Investment Officer. To facilitate review of the study process, methodologies, and findings, this letter report is organized in the following manner:

- Labor Market Comparator Agencies
- Scope of Data Collection/Elements of Total Compensation
- Data Collection Process/Matching Methodologies
- Study Findings
- Internal Salary Relationships
- Recommendations

Attachments:

- Attachment A: Geographic Accessor Methodology, Recommended Labor Market Agencies
- Attachment B: Results Summary
- Attachment C: Market Compensation Findings
- Attachment D: Market Compensation Findings (with actual employer retirement contributions)
- Attachment E: Salary Range Placement Recommendations

Labor Market Comparator Agencies

An important step in conducting a market salary study is the determination of appropriate agencies for comparison. In developing the list of potential comparator agencies, K&A first reviewed retirement agencies within the State of California, since they are the predominant agencies with whom the Office competes for talent. A list of potential comparator agencies based was compiled based on the following factors:

1. **Organizational type and structure** – It is generally recommended that agencies of a similar size and providing similar services to that of the Office be used as comparators. For this study

specifically, agencies which had investment related classifications were preferred since the purpose of the study was to identify market trends on how these jobs are paid in the market.

When it comes to non-management classes, the size of an organization is not as critical, as these classes perform fairly similar work. The difference in size of an organization becomes more important when comparing classes at the management level. The scope of work and responsibility for management becomes much larger as an organization grows. Factors such as management of a large staff, consequence of error, the political nature of the job, and its visibility all grow with larger organizations. When it is difficult to find agencies that are similarly sized, it is important to get a good balance of smaller and larger agencies.

2. **Similarity in the size of assets managed, number of employees and members served in the retirement system** – These elements provide guidelines in relation to value of assets for which the Office is responsible, staffing required to deliver services, and membership served.
3. **Scope of services provided** – For the majority of classifications, it is important to select agencies providing similar services. Organizations providing the same services are ideal for comparators and comparator agencies surveyed provide similar services to the Office.
4. **Labor market and geographic location** – In the reality that is today's labor market, many agencies are in competition for the same pool of qualified employees. No longer do individuals necessarily live in the communities they serve. The geographic labor market area, where the Office may be recruiting from or losing employees to, was taken into consideration when selecting comparator organizations. By selecting employers within a geographic proximity to the Office, the resulting labor market data generally reflects the region's cost of living, housing costs, growth rate, and other demographic characteristics to the same extent as competing employers to the Office. However, because of the very specialized services provided by the Office, K&A recommended the use of eleven agencies in different regions within the State of California to provide a balanced mixture of agencies across the State.
 - a. Recognizing the need to look beyond the State of California for inclusion in the survey, K&A researched cities which fell within the top twenty in the U.S. based on population. The three largest cities, New York, Los Angeles, and Chicago, were significantly larger; eight agencies were considered and of these, all managed assets lower than those of the Office - in most cases assets managed were between \$2B and \$3B. One agency managed assets of \$5.2B, but its website lacked information on the agency to the extent that many of the demographics were not available to determine the classes within the retirement group. It has been our experience that agencies outside the State of California retirement can be challenging to work with in terms of data collection. Two agencies were approached for inclusion; one asked for a records request, and in the end, due to time constraints, we focused our time on collecting data from within the State of California to meet the Office's timeline.

The eleven (11) labor market comparators identified in Attachment A, which represent multiple geographic locations within the State of California, were selected for the study.

Use of a state-wide market generally raises questions on the impact of the cost of living differences in diverse geographic locations and while that is a factor for labor market selection, it is not the most appropriate method to measure regional differences in wages. Cost of Living focuses on the difference in the cost of consumer goods including housing and therefore can fluctuate more dramatically between locations. Cost of Labor measures regional differences in wage trends and is a

more effective measure in drawing a comparison between salaries. Attachment A displays the values for the cost of living and cost of labor for the comparator agencies. The cost of living differences are displayed in Attachment A to demonstrate the significant differences in the cost of living between two locations.

K&A adjusted base salaries by the Cost of Labor differential, listed in the Top Annual data spreadsheet, to provide more accurate wage comparisons. To accomplish this, we used databases from the Economic Research Institute (ERI), a nationally recognized provider of data with respect to differences in the costs of living and cost of labor in cities with a population of over 10,000. The top annual spreadsheet displays adjusted salaries for regional differences in wages, or Cost of Labor, because it is more relevant to make compensation decisions utilizing data on what other employers are paying within the region rather than the differences in the cost of consumer goods. For more detailed information on the ERI's Geographic Assessor methodology, please refer to Attachment A.

For those agencies where base salaries were adjusted, the Cost of Labor differential is displayed within the top monthly datasheets indicating the percentages by which base salaries were increased.

Scope of Data Collection/Elements of Total Compensation

K&A recommended the use of a total compensation methodology for the Office's study; this methodology captures base salaries and elements of total compensation, which are measurable in the market and which provide insights into the costs of benefits programs and trends in market offerings. These elements include:

- Retirement benefits
 - The amount of the employee's obligated retirement contribution that is contributed by each agency on behalf of the employee
 - The amount of the agency's Social Security contribution; and
 - Any alternative retirement plan, either private or public, where the employee's contribution is made by the agency on behalf of the employee.
 - In addition to the amount of the employer paid member contribution, K&A collected information on enhanced benefits, i.e., the value attached to the retirement benefit formula relative to a baseline of 2%@55, and the value attached to the basis for the formula calculation (i.e., highest 12-month average versus 36-month average) – this item refers to the datasheets in Attachment C only.
- The K&A methodology measures the value of enhancements to "Classic" retirement systems across the market, and it does not measure the value of the employer mandated contribution to the retirement system since these are highly variable amounts, determined by demographics and prior funding, factors unrelated to the value of the benefit to the employee, which change on an annual basis. The Office's request for the inclusion of employer contributions provided by the comparator agencies to place some context on the impact of the lack of a defined benefit program for the benchmarked classifications, resulted in this new submission and the datasheets in Attachment D. To ensure an accurate analysis, all enhancement values, both positive and negative, have been removed.

- The retirement contribution data in these spreadsheets were compiled from the most recent valuation reports on each agency's website; given that agencies report this data in different formats and demographics, we reported the most commonly used valuation for all miscellaneous tiers representative of the County population, excluding, where reported, special districts and court systems.
 - The chart preceding the datasheets documents the percentage used for each of the comparator agencies. On average, employer contribution rates are 25.49%.
- Agency contributions to deferred compensation programs
- Agency contributions to medical, dental, vision, life, as well as short-and long-term disability programs
- Paid time off benefits, including (i) vacation upon completion of five years; (ii) holidays; and (iii) administrative or management leave
- Automobile allowances

Data Collection Process/Matching Methodologies

Data was initially collected during the month of July 2017, through websites and planned telephone conversations with human resources or other staff at each comparator agency to understand their organizational structure and possible classification matches. K&A also conducted a careful review of agency documentation such as classification descriptions, salary schedules, benefits summaries, memoranda of understanding, organization charts, and other relevant documents. K&A obtained updated salary and benefits information from each agency in February 2018.

K&A believes that the salary data collection step is the most critical for maintaining the overall credibility of any study. K&A relied very heavily on the Office's classification descriptions, as they are the foundation for the comparison; in addition, discussions with Office executive management provided important information on the operational aspects of the Office.

When K&A researches and collects data from comparator agencies to identify possible matches for each of the benchmark classifications, there is an assumption that comparable matches may not be made that are 100% equivalent to the Office's classification. Therefore, K&A does not match based upon job titles, which can often be misleading, but rather analyzes class descriptions before a comparable match is determined. In order for a match to be included, K&A requires that a classification's "likeness" be at approximately 70% of the matched classification.

K&A's methodology is to analyze each class description and the whole position by evaluating factors such as:

- Definition and typical job functions;
- Distinguishing characteristics;
- Level within a class series (i.e., entry, experienced, journey, specialist, lead, etc.);
- Reporting relationship structure (for example, manages through lower-level staff);
- Education and experience requirements;
- Knowledge, abilities, and skills required to perform the work;

- The scope and complexity of the work;
- Independence of action/responsibility;
- The authority delegated to make decisions and take action;
- The responsibility for the work of others, program administration, and for budget dollars;
- Problem solving/ingenuity;
- Contacts with others (both inside and outside of the organization);
- Consequences of action and decisions; and
- Working conditions.

Data Spreadsheets

The Market Compensation data sheets (Attachment C) present the top annual (base salary) and total annual (base salary and benefits) findings for each classification. All documents comprise columns displaying top annual salary, benefits package cost, total annual compensation, effective dates of salaries, and the timing and amount of next increases, when known. The Market Compensation data sheets in Attachment D are organized in the same manner as those in Attachment C, with the exception that all retirement enhancements, which represent the statewide average cost of retirement benefits have been removed, and the actual employer retirement contributions have been added.

The Benefits Detail, part of Attachment C & D, provides the monthly costing/value of the different elements of total compensation; the monthly total cost of benefits was annualized for each agency and was added to the top annual salaries to produce the total annual compensation.

The Results Summary data sheets (Attachment B) on each of the Market Compensation Data Sheets displays the average (mathematical mean of all data arrayed) and median (middle of all data arrayed) of all comparator data; in all cases, the Office's top annual and total annual amounts are excluded from the analyses.

Study Findings

The following table represents a summary of the market top monthly (base) salary and total compensation (base salary plus benefits [retirement, insurance, leaves, and allowances]) findings. For each benchmark classification, the number of matches (agencies with a comparable position) and percent above or below the top monthly salary market median and total compensation market median is listed.

Table 1. Market Compensation Results Summary

Classification Title	# of Matches	Top Monthly % Above or Below	Total Compensation % Above or Below
Director of Retirement Services	11	-18.4%	-20.9%
Retirement Investment Analyst II	7	-6.8%	-21.3%
Retirement Investment Officer	6	2.6%	-11.7%
Senior Retirement Investment Officer	5	-17.3%	-23.5%

Further analysis of results indicates that, on average, classifications are 10.0% below the market median for base salaries, while that figure changes to 19.4% below the market median for total compensation, which is a 9.4% difference.

Top monthly salary market results show that one (1) classification is paid above the market median by less than 5%. Top monthly salary market results show that three (3) classifications are paid below the market median:

- One (1) classification is paid below the market median by more than 5% and less than 10%;
- Two (2) classifications are paid below the market median by more than 15% and less than 20%.

Generally, a classification falling within 5% of the median is considered to be competitive in the labor market for salary survey purposes because of the differences in compensation policy, actual scope of work, and position requirements. However, the Office can adopt a different standard.

The following table is organized in the same manner as Table 1, with the exception that the total compensation dollar amounts used in the analysis exclude the statewide average cost of retirement benefits and includes the actual employer retirement contributions.

Table 2. Market Compensation Results Summary- w/Actual Retirement Contributions

Classification Title	# of Matches	Top Monthly % Above or Below	Total Compensation % Above or Below
Director of Retirement Services	11	-18.4%	-40.5%
Retirement Investment Analyst II	7	-6.8%	-35.9%
Retirement Investment Officer	6	2.6%	-26.1%
Senior Retirement Investment Officer	5	-17.3%	-39.4%

Further analysis indicates that, on average, classifications are 10.0% below the market median for base salaries, while that figure changes to 35.5% below the market median for total compensation, which is a 25.5% difference.

Both market measures represent a loss of market position when contributions to retirement systems are taken into consideration. Given the lack of a defined benefit program for these positions it is our recommendation that any steps taken to remedy lack of a system should be addressed through a retirement benefit program, and not through an increase to base salary beyond that which the market has identified.

Internal Salary Relationships

Building from the salary levels established for identified benchmark classes, internal salary relationships were developed and consistently applied in order to develop specific salary recommendations for all non-benchmarked classifications.

In the future, the Office may need to utilize internal alignment practices if the number of staff grows and additional classifications are added or classifications change. While analyzing internal relationships, the same factors analyzed when comparing the Office's classifications to the labor market are used when making internal salary alignment recommendations.

In addition, the following are standard human resources practices that are commonly applied when making salary recommendations based upon internal relationships:

- A salary within 5% of the market average or median is considered to be competitive in the labor market for salary survey purposes because of the differences in compensation policy and actual scope of the position and its requirements. However, the Office can adopt a closer standard.
- Certain internal percentages are often applied. Those that are the most common are:
 - The differential between a trainee and experienced (or journey) class in a series (I/II or Trainee/Experienced) is generally 10% to 15%;
 - A lead or advanced journey-level (III or Senior-level) class is generally placed 10% to 15% above the journey-level.
 - A full supervisory class is normally placed at least 15% to 25% above the highest level supervised, depending upon the breadth and scope of supervision.
- When a market or internal equity adjustment is granted to one class in a series, the other classes in the series are also adjusted accordingly to maintain internal equity.

Internal equity between certain levels of classifications is a fundamental factor to be considered when making salary decisions. When conducting a market compensation survey, results can often show that certain classifications that are aligned with each other are not the same in the outside labor market. However, as an organization, careful consideration should be given to these alignments because they represent internal value of classifications within job families, as well as across the organization.

For the purposes of this study, K&A utilized market data to develop the salary recommendations for the benchmarked classifications, with the exception of the Senior Retirement Investment Officer due to the inconsistencies in the agencies that provided matches to both of these levels resulting in an unusually large 40% differential between the Officer and Senior Officer in the series. We used internal equity principles to make the salary recommendations for the one (1) classification that was not benchmarked and the Senior Retirement Investment Officer to better reflect common market practices. Internal alignments with other classifications will need to be considered, either in the same class series or those classifications that have similar scope of work, level of responsibility, and "worth" to the Office. It is important to analyze market data and internal relationships within class series as well as across the organization, and make adjustments to salary range placements, as necessary, based on the needs of the organization.

The Office may want to make internal equity adjustments or alignments, as it implements the compensation strategy. This market survey is only a tool to be used by the Office to determine market indexing and salary determination.

The Office has many options regarding what type of compensation plan it wants to implement. This decision will be based on what the Office pay philosophy is, at which level it desires to pay its employees compared to the market, whether it is going to consider additional alternative compensation programs, and how great the competition is with other agencies over recruitment of a highly-qualified workforce.

Using Market Data as a Tool

The Office has many options regarding what type of compensation plan it wants to implement. This decision will be based on what the Office pay philosophy is, at which level it desires to pay its employees compared to the market, whether it is going to consider additional alternative compensation programs, and how great the competition is with other agencies over recruitment of a highly-qualified workforce.

K&A would like to reiterate that this report and the findings are meant to be a tool for the Office to create and implement an equitable compensation plan. Compensation strategies are designed to attract and retain excellent staff; however, financial realities and the Office's expectations may also come into play when determining appropriate compensation philosophies and strategies. The collected data presented herein represents a market survey that will give the Office an instrument to make future compensation decisions.

It has been a pleasure working with the Office on this critical project. Please do not hesitate to contact us if we can provide any additional information or clarification regarding this report.

Sincerely yours,



Katie Kaneko
President



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ATTACHMENT A

Geographic Accessor Methodology & Recommended
Labor Market Agencies



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ATTACHMENT B

Results Summary



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ATTACHMENT C

Market Compensation Findings



ATTACHMENT D

Market Compensation Findings—
actual employer retirement contributions

ATTACHMENT E

Salary Range Placement Recommendations

Assessor Series FAQ #3

Frequently Asked Questions

QUESTION: What is the difference between cost-of-living and geographic pay differentials?

Wage and salary differentials reflect the local demand for and supply of labor.

Cost of living is dictated by the local demand for and supply of goods and services.

ERI subscribers may also come across the term "*buying power*," which is the inverse of cost of living. *Cost of living* is the cost of purchasing goods and services, as determined by the demand and supply of goods, services, and property. For example, if the cost of living is 10% higher in an area, the buying power is approximately 10% less in that area.

This demand for and supply of goods and services are defined in terms of the data [ERI](#) surveys for [Assessor Series](#) cost-of-living databases. This data is downloaded from existing sources and includes: rental rates, housing prices, income taxes, property taxes, gasoline prices, medical costs/services, major retail grocery and drug store prices, etc. Cost-of-living differentials, as reported by [ERI](#), reflect cost models at different income levels (e.g., an auto of "x" value driven "x" miles/kilometers, home rental with no mortgage income tax deductions, home ownership with income tax mortgage deductions, etc.). Local wages and salaries do not indicate the local cost of living. Cost of living indicates the comparable local buying power for any given salary.

Most compensation professionals agree that when a company is hiring from the local work force (that is, when no transfer or relocation occurs), wages and salaries are set according to market pricing of wages and salaries only. *In general, branch pay should be dictated by market pricing of wage/salary differentials only.*

While employees may find it more desirable for their pay to be adjusted for local cost-of-living variances, this is an extremely unusual practice, and in many cases will not be cost effective for the employer. That is, in many cases the employer would be competing against organizations with relatively lower compensation costs and, thus, be at a competitive disadvantage.

In most cases, cost-of-living is considered only when an employee incurs new expenses due to an "internal" move from one branch office to another. In this situation, the new salary would be set according to the destination market (local wage and salary level). Then, any cost-of-living allowance would be awarded separately from salary and for a finite period of time.

It is undesirable to build a cost-of-living adjustment into salary, as the integrity of the current salary administration program will be compromised. For instance, the transfer of personnel into an office where locally hired employees would be earning lower salaries than the transferee's "cost-of-living adjusted salary" is an undesirable and avoidable situation. The transfer of personnel into an area where local competitors' employees would be earning higher salaries than the transferee's "cost-of-living adjusted salary" is an equally undesirable and avoidable situation. Better solutions would include the award of a one-time (lump sum)

moving bonus or a gradually decreasing three-year cost-of-living allowance, which is awarded separately from the new locally adjusted competitive salary. Each organization's unique situation (tax considerations, cash-flow, etc.) will dictate the best method for handling cost-of-living allowances.

A random telephone survey by ERI's Director found that only 2% of ERI subscribers pay "the same for all jobs nationally, but vary levels by the cost of living." All other surveyed subscribers stated that they ignore cost of living and concentrate on the demand and supply/ local market pricing to administer geographic pay differentials.

Cost of Living v. Market Pay Rates

There are many reasons why employers decide to pay the local market pay rate (what it takes to attract, retain and motivate a competent worker) instead of paying according to local costs:

- No two employees have the same living costs. Even if they hold the same job and earn the same money, their family circumstances and spending practices vary.
- The cost of living depends on family lifestyle and the total budget available from all income earners in the family. Family expenses differ according to many variables, such as the number of income earners, the total budget available, size of home, whether renting or buying, how many dependents, number and value of automobiles, and more. Every cost-of-living statistical model uses a different standard market basket of goods and services.
- It is quite difficult to come up with only one cost figure that properly fits every employee lifestyle, but it is quite simple to determine what other employers pay for the job you do.
- Pay is usually set once a year according to local salary levels, corporate pay strategy, and budget, but costs change constantly. Prices go up and down all the time, and employees would be quite upset if their wages were cut because the price of bread dropped this week, for example.
- Companies pay for you to do work, at a competitive rate, rather than give you amounts based on your expenses. Employers are not even legally allowed to question job applicants about their family circumstances, so they are not about to set pay according to your spending pattern.
- People don't usually live where they work. Most employees live in a town where the costs fit their family budget and where the prices are lowest for their lifestyle. They work where their employer is located, and that usually is not within walking distance of home. Basing pay on home location and family expenses would require different pay scales for every worker and even different rates for the same job done by people in the same community, if, for example, one was a single renter and the other was a homeowner with five dependents.
- Relevant living costs are already covered by pay surveys. If wages and salaries are influenced by living costs, then the competitive market pay surveys reflect those costs. If

you wish to research livings costs, see ERI's [Relocation Assessor](#), which calculates cost-of-living levels based on earnings level, family size, home size, and automobile usage. The application reports the cost-of-living differential between a base city and destination city to determine the amount an employee must earn in the new location to "remain whole" (not lose buying power).

Methodology

The Geographic Assessor® & Pay Survey

ERI Economic Research Institute was founded over 25 years ago to provide compensation applications for private and public organizations. ERI's applications are available to management, analysts and consultants and are now widely used by client organizations. Subscribers include corporate compensation, relocation, human resources, and other professionals, as well as independent consultants and counselors, and US and Canadian public sector administrators (including military, law enforcement, city/county, state/provincial, and federal government pay administrators).

ERI compiles the most robust salary, cost-of-living, and executive compensation survey data available, with current market data for more than 1,000 industry sectors. The majority of the Fortune 500 and thousands of other small and medium sized organizations rely on ERI data and analytics for compensation and salary planning, relocations, disability determinations, board presentations, and setting branch office salary structures in the United States, Canada, and worldwide.

ERI is a leader in the collection, and analysis of compensation, occupation, and cost-of-living data. All data are employer-provided and come from a variety of sources. Survey data are collected through internally conducted salary surveys and the purchase of third party salary surveys. Additional data are gathered through the digitization of Proxy and 10-K data and Freedom of Information Requests in the US. Compensation data are compiled in terms of mean and median salaries for jobs of similar duties, responsibilities, skills, and functions through an extensive job matching process. **ERI** produces surveys and application analyses by which managers, advisors, and Boards of Directors may make recommendations and/or decisions. **ERI** does not provide fee-for-service consulting; our sole focus is providing valid and reliable information to our subscribers.

Overview

The **Geographic Assessor & Pay Survey** application and databases present in-depth time series regression analyses of base salary and wage differences among and between different cities and areas. ERI researchers have utilized these regression techniques for decades, the difference from the original publication being the extent and quality of survey data that are available today. Geographic cost of labor regressions represent analyses of the demand and supply of labor (as opposed to cost-of-living's reflection of the demand and supply of goods and services). ERI has been collecting and analyzing salary surveys since its founding; over 20 million position incumbents' data are now included in ERI's survey databases. For those interested, we refer the reader to ERI's founder's original published article on this subject:

Thomsen, D. J. (1974). Geographic Differentials in Salaries Within The United States, *Personnel Journal*, 53, 9, 670-4.

Salary/Wage Differentials

The **Geographic Assessor & Pay Survey** application is an easy-to-use program that aids with the assessment of branch location wage and salary competitiveness and the setting of salary structures. ERI's **Geographic Assessor & Pay Survey** application calculates wage and salary differentials between any of over 7,300 North American cities and almost 1,300 European cities.

Cost-of-Living Analyses

The **Geographic Assessor & Pay Survey** application and databases presents cursory cost-of-living information. This information is limited to renters' spending patterns and is intended to provide only a first look at the relative buying power of wages/salaries in different areas. ERI recommends using salary differentials for salary structure adjustments; however, the Geographic Assessor does report summary cost-of-living differentials to develop a more comprehensive picture of a location (or potentially for use in conjunction with the salary differentials).



Statistical Methodology

The **Geographic Assessor & Pay Survey** application consists of linear regression analyses programs. Eight trend lines are created for any area. Local area salary data are compared to the corresponding national salary by job or job family to create a series of differentials per area. A sample of these differentials by job or job family is displayed on the Graphs tab. To create a single differential across jobs (one that can vary by salary level), the average, conditional on salary level, is computed via a simple linear regression (the regression line is also displayed on the Graphs tab). Since these differentials vary both by salary and salary structure, a separate regression is performed for each salary structure. The user only needs to input the salary level for the base location; the program automatically assigns the structure based on the ranges below and returns the corresponding differential.

Structures

These regression equations are expressed in terms of “structures,” as follows:

Wage Earner Structure	Min - 24,000
Low Salary Structure	24,000 -36,000
Mid Salary Structure	36,000 - 48,000
High Salary Structure	48,000 - 72,000
Management Salary Structure	72,000 - 108,000
Executive-1 Structure	108,000 - 144,000
Executive-2 Structure	144,000 - 192,000
Executive-3 Structure	192,000+

The Wage/Salary area structures are the formulae resulting from ERI's regression analyses of all available data for the area. The program will automatically assign the correct structures by city on the Two City Comparison table, the Comparison List table, and the Graphs table.

Sources

Data used in the cost-of-labor calculations come from salary survey sources. **ERI** collects available salary survey data for jobs and areas; evaluates survey data for validity and reliability; and compiles mean and median salaries for positions with similar duties, responsibilities, skills, and functions. Because ERI has decades of experience collecting and evaluating salary data, we have refined methods for validating both the source data and results.

Selected FAQs



Who uses the Geographic Assessor application and databases? How do they use it and how should I?

Companies setting salary structures, who pay different rates in different locations, use it. Branch pay differentials allow you to take advantage of the differing labor markets to minimize operating costs while maintaining the ability to attract, retain, and motivate employees in each area. Most often, companies use the labor cost differentials reported by the **Geographic Assessor** to make data-based decisions and manage complexity by adjusting existing structures based on local labor cost differentials or, when the differentials are sufficiently large, to develop new structures. Companies also use the labor cost differentials to research general overall labor cost differences associated with opening new branch offices. In addition to using the **Geographic Assessor** with salary structures, there are other uses of labor cost differentials, such as to adjust salary survey results directly, say from state or region to the national equivalent (or the inverse) when data at the desired geographic level or area is not directly available.

While these are all valid uses of labor cost differentials per se, each planning situation is different. So it is important to keep in mind the current planning context such as consistency with prior methods, compensation philosophy, and organizational culture, and so on when deciding how to best leverage the differentials reported. We at ERI are happy to answer questions on the data and general uses, but we do not do consulting.

In terms of specific users, a number of voluntary subscriber disclosures about reliance on ERI data are cited in customer testimonials (see <http://www.erieri.com/testimonials>) and corporate proxies (<http://www.erieri.com/ExecutiveCompensationProxyData>) and periodically appear in other authorized releases or public declarations. While ERI does not release listings of the names of its subscribers **ERI** has thousands of subscribers, including the majority of the Fortune 500 and several large government agencies. Subscribers include corporate compensation, relocation, and human resources specialists, plus other professionals, as well as independent consultants and counselors, and US and Canadian public sector administrators (including military, law enforcement, city/county, state/provincial, and federal government pay administrators).

A quick search of professional compensation forums will often return examples of uses of the **Geographic Assessor** in practice, like this anonymous posting:

"In the last 3 organizations where I have worked, we used data from national surveys and applied geographical differentials to the survey data to create our salary ranges. We considered the national survey data to be 100%. We would then use the geographical differentials ([+] or -) from ERI and applied that to the survey data for each of the cities where we had offices."

Where do the numbers for salaries and wages come from?

Since its founding, ERI's methodology has been designed so as to be a premier provider of quality information and survey data. All salary survey sources for jobs have been carefully evaluated for validity, reliability, and use. Unreliable data sources and questionable data are identified and excluded from ERI's analysis. Many of ERI's **Assessor Series** applications (including the **Geographic Assessor**) look at trends over time and multiple sources, allowing for a more thorough validation process than could be established using a single source or at a single point in time.

ERI methodology has evolved over the decades in our pursuit of the highest quality standards in our expanded offering of products. During this time, ERI has won the patent for online interactive salary surveys and managed that patented survey for over a decade, built trusting relationships where we exchange data and products with other survey firms, and contracted for leased proprietary datasets. ERI has also developed its series of traditional salary surveys to become a leader in both online data collection and traditional salary survey methodologies.

Where do the numbers for cost of living come from?

ERI collects, compiles, and analyzes data relating to cost of living from available sources and researches areas which are not commonly surveyed individually. ERI compiles actual housing sales data from commercially available sources. Gasoline, consumables, medical care premium costs, and effective income tax rates are also just as accurately collected from authoritative online databases, and ERI research staff audit these sources with additional detailed study.

Why does the Geographic Assessor's Two City Comparison profile 'renter only' analyses?

Too many variables affect a home ownership analysis for ERI to make an appropriate set of assumptions for a cost-of-living comparison based solely on inputted earnings levels. However, the **Relocation Assessor** application and databases are designed to allow you to input the many additional variables (down payment and interest rate information, for example) that affect a home ownership comparison.

Why do the differentials change at different base salary values?

The **Geographic Assessor** analyses illustrate that salary differentials are not constant for an area. That is, a single number is not sufficient to describe the relationship between geography and pay across all salary levels. To account for this variation, the **Geographic Assessor** uses regression analyses to report the most accurate differential as salary level changes.



What is the difference between cost-of-living and geographic pay differentials?

A more complete differentiation can be found in Help under Assessor Series FAQ #3, but this question arises often enough that an abbreviated response should be included here. Put simply, wage and salary differentials reflect the local demand for and supply of labor, whereas cost of living is dictated by the local demand for and supply of goods and services. Because different factors affect the supply and demand of labor than affect the market basket of goods (the basis of cost of living), these two differentials will not, in most cases, be the same. Research has shown they often do move in the same direction, but not always. Take the case where there is a net increase in workers due to migration. The increase in labor supply could put downward pressure on the labor differential while putting upward pressure on housing costs, thereby increasing cost of living. Even when the differentials are in the same direction, the magnitudes can be very different. In urban centers, for example, both types of differentials are often higher; but, since workers can commute from areas with less expensive housing, the COL differentials tend to be much higher than the labor differentials in these cases.

Besides the underlying difference in the supply and demand, another reason why users focus on cost of labor differentials is that cost-of-labor differentials often more closely correspond to the labor market scope of the salary structure. In other words, COL can vary greatly from neighborhood to neighborhood within the same city, but companies would not restrict the recruitment labor market to a single neighborhood.

While employees may find it more desirable for their pay to be adjusted for local cost-of-living variances, this is an extremely unusual practice, and in many cases will not be cost effective for the employer. That is, in many cases, the employer would be competing against organizations with relatively lower compensation costs and, thus, be at a competitive disadvantage. Most compensation professionals agree that, when a company is hiring from the local work force (that is, when no transfer or relocation occurs), wages and salaries are set according to market pricing of wages and salaries only. In a recent informal polling of webinar attendees, most used salary differentials when adjusting salary structures, while a much smaller subset used both types in conjunction (perhaps where required). None used cost of living exclusively. While the cost-of-labor differentials are best utilized when adjusting pay structures (as the underlying data are congruent), in practice, there may be other contextual factors such as compensation philosophy or contractual requirements that need to be considered.

The program allows me to easily compute cross-country comparisons, but are such comparisons valid?

The cross-country comparisons are statistically valid; however, it is not advisable to take a pay system from, say, the United States and try to adjust it for a Canadian branch office using the general geographic differentials because U.S. and Canadian economies value jobs quite differently (as do most international economies). It is important to review pay by job and job description, rather than by general salary level. Cross-country comparisons, however, can give some general insight into labor cost differences where such information may be difficult to obtain otherwise.



Reliability Statistics - A Note for Expert Witnesses

In 1975, the US Congress passed Federal Rule of Evidence 702 so that a threshold standard for the admission of expert witness testimony might exist in federal courts. Based on the concept that experts should use methodologies that are “generally accepted” by a discipline's practitioners, the rule states: “If scientific, technical, or other specialized knowledge will assist the trier of fact to understand the evidence or to determine a fact in issue, a witness qualified as an expert by knowledge, skill, experience, training, or education, may testify thereto in the form of an opinion or otherwise.” Following this, the Supreme Court issued an opinion in *Daubert v. Merrill-Dow Pharmaceuticals*, 509 U.S. 579, 113 S. Ct. 2786, 125 L.Ed.2d 469 (1993) that has become the standard for the admission of “general acceptance”. In this Case (which standard is now adopted by federal and most state courts), the admittance of expert witness testimony and evidence required a two-step analysis: A) Evidence must be relevant, and B) Evidence must be reliable. The “relevance” is a subjective judgment, but simple logic may be applied (salary survey data for use in labor cost differentials, proxy compensation data for use in maximum reasonable compensation cases, etc.) For the latter, “reliability”, the Supreme Court established four separate, non-exclusive tests: 1) it can be illustrated that the theory or technique can be tested, 2) the data has

been subjected to peer review and publication, 3) there is a known or potential rate of error, and (4) there is a level of general acceptance in that particular discipline's community.

ERI Statement as to the Relevance and Reliability of Data

Relevance is totally determinable by the circumstances and situation presented. **ERI** provides outsourced analyses and presentations of salary, executive compensation, benefit, and cost-of-living survey data. Reliability is described in a four part, non-exclusive summary to match the Daubert challenge:

Testable

To illustrate how the technique can be tested is straightforward. The technique and data sources are described in this methodology, and replicating the results is a matter of performing similar regressions through similar salary data. Using smaller data samples will likely give similar, albeit less robust and comprehensive, results.

Subject to Publication and Peer Review

Assessor Series application databases are published on a quarterly basis. Unique monthly Internet visits now exceed 500,000 to <http://www.erieri.com> and related sites, with approximately five million unique visitors each year. **ERI's** peers are its competitors, those firms that also provide data analyses to their clients. Unlike **ERI**, that solicits an annual subscription, most compensation and benefits consulting firms charge an hourly rate for their research services. Suffice it to say, all the major consulting firms have purchased subscriptions so that their consultants could utilize **ERI** analyses. **ERI** data are used by these firms when consulting with their clients.. **ERI** data and analyzes are under constant review and critique by its competitors. **ERI**, unlike these firms, provides no fee-for-service/time consulting.

Known or Potential Rate of Error

Each **Assessor Series** application database illustrates, via a "Reliability Statistics" link, the beginning of a statistical overview of **ERI** data. Statistics are reported as derived from just one survey source for all salary and compensation presentations (so that copyright restrictions are not violated). **ERI** accumulates many survey sources to compile its analyses. Hence the data illustrated may be, in **ERI's** estimate, considered to be the highest possible standard error that might exist with each analysis. **Assessor Series** application database results are, by logic, more robust than the standard error displayed and reported.

General Level of Acceptance within the Discipline's Community

ERI has thousands of subscribers, including the majority of the Fortune 500 and several large government agencies. Many of these organizations are entering their third decade of being subscribers. **ERI** exhibits at major tradeshows. **ERI** data are used as source data by major publications and job boards. WorldatWork, NASBA, and HRCI accept **ERI** Distance Learning Center courses for professional maintenance and recertification continuing education credit. Major US employers rely upon **ERI** data as cited in corporate proxy filings (see <http://www.erieri.com/ExecutiveCompensationProxyData>).

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Patent Nos. 6,862,596 and 7,647,322**

Recommended Labor Market Agencies

Agency	Location	FTE	Total Assets	# Investment Staff	No. of Participants (Active/Retired)	Cost of Living *	Cost of Labor
<i>City of San José</i>	<i>San José</i>	<i>37</i>	<i>\$6B</i>	<i>6</i>	<i>12,554 (P&F 4,408 FED 8,506)</i>	<i>178.9%</i>	<i>N/A</i>
Alameda County Employee Retirement Agency (year end 2015)	Oakland	95	\$6.65B	10	22,202	N/A	N/A
Contra Costa County Employees' Retirement Association	Concord	59	8.14B	6	20,667	N/A	N/A
Kern County Employee Retirement Association (6/30/16 report)	Bakersfield	24	\$3.84B	1	17,351	13.0%	14.1%
Orange County Employee Retirement System (12/31/15 report)	Santa Ana	79	\$12.37B	6	42,427	95.7%	10.9%
Sacramento County Employee Retirement System (6/30/16 report)	Sacramento	55	\$8.17B	2	26,654	36.5%	13.0%
San Bernardino County Employee Retirement Agency (6/30/16 report)	San Bernardino	52 **	\$8.7B	8	37,304	12.5%	14.8%
San Diego County Employee Retirement System (6/30/2016 report)	San Diego	82 **	\$10.9B	6	40,915	139%	13.0%
San Francisco Employee Retirement System (6/30/2016 report)	San Francisco	119	\$20.15B	13	68,337	N/A	N/A
San Mateo County Employee Retirement Association (6/30/16 report)	Redwood City	24*	\$3.64B	3	10,422	N/A	N/A

Recommended Labor Market Agencies

Agency	Location	FTE	Total Assets	# Investment Staff	No. of Participants (Active/Retired)	Cost of Living *	Cost of Labor
Sonoma County Employee Retirement Association (12/31/16)	Santa Rosa	15	\$2.62B	2	10,036	N/A	N/A
Ventura County Employee Retirement Association (6/30/16 report)	Ventura	27	\$4.44B	1	17,687	90.5%	12.1%

*Relative to U.S. Average Index of 100%

**Data from November 2015

**Total Comp - August 2017 w/ Agency Contribution to Retirement
Results Summary**

Classification	Top Monthly Salary Data					Total Monthly Compensation Data					# of Matches
	Annual Salary	Average of Comparators	% above or below	Median of Comparators	% above or below	Total Annual Comp	Average of Comparators	% above or below	Median of Comparators	% above or below	
Director of Retirement Services	\$ 228,633	\$ 278,363	-21.8%	\$ 270,587	-18.4%	\$ 296,745	\$ 368,577	-24.2%	\$ 358,669	-20.9%	11
Retirement Investment Analyst II	\$ 104,196	\$ 114,841	-10.2%	\$ 111,324	-6.8%	\$ 137,291	\$ 163,565	-19.1%	\$ 166,586	-21.3%	7
Retirement Investment Officer	\$ 160,723	\$ 160,402	0.2%	\$ 156,606	2.6%	\$ 200,754	\$ 220,690	-9.9%	\$ 224,251	-11.7%	6
Senior Retirement Investment Officer	\$ 187,200	\$ 206,758	-10.4%	\$ 219,672	-17.3%	\$ 230,481	\$ 279,583	-21.3%	\$ 284,674	-23.5%	5
		AVERAGE:	-10.6%	AVERAGE:	-10.0%			AVERAGE:	-18.6%	AVERAGE:	-19.4%
		MEDIAN:	-10.3%	MEDIAN:	-12.1%			MEDIAN:	-20.2%	MEDIAN:	-21.1%

**Total Comp - August 2017 w/ Agency Contribution to Retirement
Results Summary**

Classification	Top Monthly Salary Data					Total Monthly Compensation Data					# of Matches
	Top Annual Salary	Annual Average of Comparators	% above or below	Annual Median of Comparators	% above or below	Total Annual Salary	Annual Average of Comparators	% above or below	Annual Median of Comparators	% above or below	
Director of Retirement Services	\$ 228,633	\$ 278,363	-21.8%	\$ 270,587	-18.4%	\$ 296,745	\$ 435,249	-46.7%	\$ 416,960	-40.5%	11
Retirement Investment Analyst II	\$ 104,196	\$ 114,841	-10.2%	\$ 111,324	-6.8%	\$ 140,469	\$ 190,460	-35.6%	\$ 190,914	-35.9%	7
Retirement Investment Officer	\$ 160,723	\$ 160,402	0.2%	\$ 156,606	2.6%	\$ 205,656	\$ 253,131	-23.1%	\$ 259,347	-26.1%	6
Senior Retirement Investment Officer	\$ 187,200	\$ 206,758	-10.4%	\$ 219,672	-17.3%	\$ 236,191	\$ 328,283	-39.0%	\$ 329,200	-39.4%	5
		AVERAGE:	-10.6%	AVERAGE:	-10.0%		AVERAGE:	-36.1%	AVERAGE:	-35.5%	
		MEDIAN:	-10.3%	MEDIAN:	-12.1%		MEDIAN:	-37.3%	MEDIAN:	-37.6%	

**Total Comp - August 2017 w/ Agency Contribution to Retirement
Benefit Detail**

Agency		Office of Retirement Services, City of San Jose	Alameda County Employee's Retirement Association	Contra Costa County Employees' Retirement Assoc.	Kern County Employees' Retirement Administration	Orange County Employees Retirement System	Sacramento County Employees' Retirement System	San Bernardino County Employees' Retirement Assoc.	San Diego County Employees Retirement Association	San Francisco Employees' Retirement System	San Mateo County Employees' Retirement Association	Sonoma County Employees' Retirement Association	Ventura County Employees' Retirement Association
Benchmark/ Comparator Agency Match		Director of Retirement Services	Chief Executive Officer, ACERA	Chief Executive Officer	Executive Director	Chief Executive Officer	Chief Executive Officer	Chief Executive Officer	Retirement Chief Executive Officer	Executive Director (Department Head)	Chief Executive Officer SAMCERA	Chief Executive Officer	Retirement Administrator
	Top Monthly Salary	\$ 19,053	\$ 22,549	\$ 20,064	\$ 19,107	\$ 25,269	\$ 21,695	\$ 28,064	\$ 28,696	\$ 25,140	\$ 21,369	\$ 18,692	\$ 24,521
Retirement	Classic ^{1, 2, 3, 4, 5, 6, 7}		2%@55	2%@55	2%@60	2.7%@55	2%@55	2%@55	2.5%@55	2%@55	2%@60	3%@60	2%@60
	Enhanced Formula Cost				\$ -583	\$ 2,034			\$ 1,420		\$ -652	\$ 1,832	\$ -748
	ER Paid Member Contrib		\$ 676										
	Single Highest			\$ 271	\$ 258			\$ 379					
	Social Security		\$ 663	\$ 663	\$ 663	\$ 663	\$ 663		\$ 663	\$ 663	\$ 663	\$ 663	\$ 663
	Deferred Compensation	\$ 714		\$ 235	\$ 1,146	\$ 2,022	\$ 217	\$ 2,526			\$ 214	\$ 748	\$ 736
	Other Ret.							\$ 2,923					
Insurance	Cafeteria					\$ 375			\$ 1,522				\$ 860
	Health	\$ 1,527	\$ 2,667	\$ 2,343	\$ 1,268	\$ 1,402	\$ 1,418	\$ 1,046		\$ 1,849	\$ 2,912	\$ 1,638	
	Dental	\$ 150	\$ 124	\$ 169			\$ 125	\$ 21		\$ 174	\$ 108	\$ 111	
	Vision	\$ 16		\$ 8				\$ 14			\$ 16	\$ 17	
	Life ⁸	\$ 61	\$ 1	\$ 8	\$ 20	\$ 11	\$ 4	\$ 2	\$ 75	\$ 4	\$ 11	\$ 162	\$ 3
	LTD			\$ 25		\$ 23		\$ 45	\$ 27	\$ 37	\$ 14	\$ 89	\$ 89
	STD/SDI			\$ 36									
Leaves	Other Ins. ⁹						\$ 727						
	Vacation ¹⁰	\$ 1,466	\$ 1,301	\$ 1,158	\$ 1,249	\$ 3,110	\$ 1,252	\$ 1,619	\$ 2,207	\$ 1,450	\$ 1,315	\$ 1,231	\$ 3,395
	Holidays	\$ 1,026	\$ 1,301	\$ 1,003	\$ 808	\$ 1,166	\$ 1,126	\$ 1,511	\$ 1,435	\$ 1,547	\$ 986	\$ 791	\$ 990
	Admin Leave	\$ 366	\$ 607	\$ 675				\$ 1,079		\$ 483		\$ 539	
Allow	Auto	\$ 350			\$ 597		\$ 469		\$ 600		\$ 1,001	\$ 430	\$ 375
	Uniform												
Benefit Package Total		\$ 5,676	\$ 7,340	\$ 6,597	\$ 5,427	\$ 10,806	\$ 6,001	\$ 11,164	\$ 7,950	\$ 6,208	\$ 6,589	\$ 8,250	\$ 6,364

N/C - Non Comparator

- 1 - Alameda County Employee's Retirement Association: 37 Act formula converted to estimated PERS formula.
- 2 - Kern County Employees' Retirement Administration: 37 Act formula converted to estimated PERS formula.
- 3 - Sacramento County Employees' Retirement System: 37 Act formula converted to estimated PERS formula.
- 4 - San Diego County Employees Retirement Association: 37 Act formula converted to estimated PERS formula.
- 5 - San Francisco Employees' Retirement System: SFERS formula converted to estimated PERS formula.
- 6 - San Mateo County Employees' Retirement Association: 37 Act formula converted to estimated PERS formula.
- 7 - Ventura County Employees' Retirement Association: 37 Act formula converted to estimated PERS formula.
- 8 - San Mateo County Employees' Retirement Association: Life insurance premiums are based on age, rate taken is the average of all employee age groups.
- 9 - Sacramento County Employees' Retirement System: Management differential.
- 10 - Orange County Employees Retirement System: Annual leave (includes sick time).

Office of Retirement Services, City of San Jose - Market Compensation Data Month/Year

Director of Retirement Services										
Rank	Comparator Agency	Classification Title	Top Annual Salary	Cost of Labor Differential	Adjusted Top Annual Salary	Annual Benefits Package	Total Annual Comp	Salary Effective Date	Next Salary Increase	Next Percentage Increase
1	San Bernardino County Employees' Retirement Assoc. ⁵	Chief Executive Officer	\$ 293,352	14.8%	\$ 336,768	\$ 133,967	\$ 470,735	12/24/2016	1/1/2018	max 2%
2	San Diego County Employees Retirement Association ⁶	Retirement Chief Executive Officer	\$ 304,740	13.0%	\$ 344,352	\$ 95,402	\$ 439,754	unknown	unknown	unknown
3	Orange County Employees Retirement System ^{2, 3}	Chief Executive Officer	\$ 273,420	10.9%	\$ 303,228	\$ 129,674	\$ 432,902	1/5/2018	unknown	unknown
4	San Francisco Employees' Retirement System	Executive Director (Department Head V)	\$ 301,680		\$ 301,680	\$ 74,497	\$ 376,177	7/1/2017	unknown	unknown
5	Ventura County Employees' Retirement Association ⁷	Retirement Administrator	\$ 262,488	12.1%	\$ 294,252	\$ 76,366	\$ 370,618	1/15/2017	1/14/2018	1.5%
6	Alameda County Employee's Retirement Association	Chief Executive Officer, ACERA	\$ 270,588		\$ 270,587	\$ 88,082	\$ 358,669	1/3/2016	unknown	unknown
7	San Mateo County Employees' Retirement Association	Chief Executive Officer SAMCERA	\$ 256,428		\$ 256,428	\$ 79,064	\$ 335,492	10/9/2016	10/8/2017	2-3%
8	Sacramento County Employees' Retirement System ⁴	Chief Executive Officer	\$ 230,388	13.0%	\$ 260,340	\$ 72,015	\$ 332,355	12/28/2017	unknown	unknown
9	Sonoma County Employees' Retirement Association	Chief Executive Officer	\$ 224,304		\$ 224,303	\$ 98,998	\$ 323,301	3/1/2017	unknown	unknown
10	Contra Costa County Employees' Retirement Assoc.	Chief Executive Officer	\$ 240,768		\$ 240,768	\$ 79,158	\$ 319,926	7/7/2017	unknown	unknown
11	Office of Retirement Services, City of San Jose	Director of Retirement Services	\$ 228,633		\$ 228,633	\$ 68,113	\$ 296,745	6/18/2017	unknown	unknown
12	Kern County Employees' Retirement Administration ¹	Executive Director	\$ 200,952	14.1%	\$ 229,284	\$ 65,128	\$ 294,412	unknown	unknown	unknown

Summary Results			Annual Salary	Total Annual Comp
Average of Comparators			\$259,919	\$368,577
% Office of Retirement Services, City of San Jose Above/Below			-13.7%	-24.2%
Median of Comparators			\$262,488	\$358,669
% Office of Retirement Services, City of San Jose Above/Below			-14.8%	-20.9%
Number of Matches			11	11

N/C - Non Comparator

1 - Kern County Employees' Retirement Administration: The top monthly salary has been increased by 14.1% based on the salary structure difference obtained from the Economic Research Institute.

2 - Orange County Employees Retirement System: The top monthly salary has been increased by 10.9% based on the salary structure difference obtained from the Economic Research Institute.

3 - Orange County Employees Retirement System: Actual salary; no top monthly established.

4 - Sacramento County Employees' Retirement System: The top monthly salary has been increased by 13.0% based on the salary structure difference obtained from the Economic Research Institute.

5 - San Bernardino County Employees' Retirement Assoc.: The top monthly salary has been increased by 14.8% based on the salary structure difference obtained from the Economic Research Institute.

6 - San Diego County Employees Retirement Association: The top monthly salary has been increased by 13.0% based on the salary structure difference obtained from the Economic Research Institute.

7 - Ventura County Employees' Retirement Association: The top monthly salary has been increased by 12.1% based on the salary structure difference obtained from the Economic Research Institute.

Retirement Investment Analyst II										
Rank	Comparator Agency	Classification Title	Top Annual Salary	Cost of Labor Differential	Adjusted Top Annual Salary	Annual Benefits Package	Total Annual Comp	Salary Effective Date	Next Salary Increase	Next Percentage Increase
1	Contra Costa County Employees' Retirement Assoc.	Investment Analyst	\$138,564		\$ 138,564	\$ 57,522	\$ 196,086	unknown	unknown	unknown
2	San Mateo County Employees' Retirement Association	Retirement Financial Analyst II	\$123,113		\$ 123,108	\$ 55,033	\$ 178,141	10/9/2016	10/8/2017	2-3%
3	San Francisco Employees' Retirement System	Security Analyst	\$120,876		\$ 120,876	\$ 46,129	\$ 167,005	7/1/2017	unknown	unknown
4	Orange County Employees Retirement System	Investment Analyst	\$100,380	10.9%	\$ 111,324	\$ 55,262	\$ 166,586	1/1/2017	1/1/2018	unknown
5	Alameda County Employee's Retirement Association	Investment Analyst, ACERA	\$100,032		\$ 100,027	\$ 56,934	\$ 156,961	1/3/2016	unknown	unknown
6	Sacramento County Employees' Retirement System	Retirement Investment Analyst II	\$93,192	13.0%	\$ 105,300	\$ 36,607	\$ 141,907	6/25/2017	unknown	unknown
7	San Bernardino County Employees' Retirement Assoc.	Investment Analyst	\$91,196	14.8%	\$ 104,688	\$ 33,581	\$ 138,269	12/24/2016	1/1/2018	max 2%
8	Office of Retirement Services, City of San Jose	Retirement Investment Analyst II	\$104,196		\$ 104,196	\$ 33,095	\$ 137,291	6/18/2017	unknown	unknown
9	San Diego County Employees Retirement Association	N/C								
10	Ventura County Employees' Retirement Association	N/C								
11	Kern County Employees' Retirement Administration	N/C								
12	Sonoma County Employees' Retirement Association	N/C								

Summary Results			Annual Salary	Total Annual Comp
Average of Comparators		\$109,622	\$114,841	\$163,565
% Office of Retirement Services, City of San Jose Above/Below		-5.2%	-10.2%	-19.1%
Median of Comparators		\$100,380	\$111,324	\$166,586
% Office of Retirement Services, City of San Jose Above/Below		3.7%	-6.8%	-21.3%
Number of Matches		7	7	7

N/C - Non Comparator

Retirement Investment Officer										
Rank	Comparator Agency	Classification Title	Top Annual Salary	Cost of Labor Differential	Adjusted Top Annual Salary	Annual Benefits Package	Total Annual Comp	Salary Effective Date	Next Salary Increase	Next Percentage Increase
1	Contra Costa County Employees' Retirement Assoc.	Investment Officer	\$194,964		\$ 194,964	\$ 64,398	\$ 259,362	unknown	unknown	unknown
2	San Francisco Employees' Retirement System	Senior Portfolio Manager	\$185,196		\$ 185,196	\$ 54,807	\$ 240,003	7/1/2017	unknown	unknown
3	San Bernardino County Employees' Retirement Assoc.	Investment Officer	\$143,807	14.8%	\$ 165,096	\$ 69,739	\$ 234,835	12/24/2016	1/1/2018	max 2%
4	Orange County Employees Retirement System	Investment Officer	\$133,560	10.9%	\$ 148,116	\$ 65,551	\$ 213,667	1/1/2017	1/1/2018	unknown
5	Office of Retirement Services, City of San Jose	Retirement Investment Officer	\$160,728		\$160,723	\$40,032	\$200,754	6/18/2017	unknown	unknown
6	Sonoma County Employees' Retirement Association	Retirement Investment Officer	\$124,224		\$ 124,225	\$ 64,862	\$ 189,088	3/1/2017	unknown	unknown
7	Sacramento County Employees' Retirement System	Retirement Investment Officer	\$128,160	13.0%	\$ 144,816	\$ 42,370	\$ 187,186	6/25/2017	unknown	unknown
8	San Diego County Employees Retirement Association	N/C								
9	Ventura County Employees' Retirement Association	N/C								
10	San Mateo County Employees' Retirement Association	N/C								
11	Kern County Employees' Retirement Administration	N/C								
12	Alameda County Employee's Retirement Association	N/C								

Summary Results			Annual Salary	Total Annual Comp
Average of Comparators		\$151,652	\$160,402	\$220,690
% Office of Retirement Services, City of San Jose Above/Below	5.6%		0.2%	-9.9%
Median of Comparators		\$138,684	\$156,606	\$224,251
% Office of Retirement Services, City of San Jose Above/Below	13.7%		2.6%	-11.7%
Number of Matches		6	6	6

N/C - Non Comparator

Senior Retirement Investment Officer											
Rank	Comparator Agency	Classification Title	Top Annual Salary	Cost of Labor Differential	Adjusted Top Annual Salary	Annual Benefits Package	Total Annual Comp	Salary Effective Date	Next Salary Increase	Next Percentage Increase	
1	San Bernardino County Employees' Retirement Assoc.	Senior Investment Officer	\$213,690	14.8%	\$ 245,316	\$ 95,273	\$ 340,589	12/24/2016	1/1/2018	max 2%	
2	San Diego County Employees Retirement Association	Retirement Assistant Chief Investment Officer	\$194,397	13.0%	\$ 219,672	\$ 65,880	\$ 285,552	unknown	unknown	unknown	
3	San Francisco Employees' Retirement System	Director	\$225,108		\$ 225,108	\$ 59,566	\$ 284,674	7/1/2017	unknown	unknown	
4	Orange County Employees Retirement System	Senior Investment Officer	\$164,535	10.9%	\$ 182,472	\$ 74,170	\$ 256,642	1/1/2017	1/1/2018	unknown	
5	Office of Retirement Services, City of San Jose	Senior Retirement Investment Officer	\$187,200		\$187,200	\$43,281	\$230,481	6/18/2017	unknown	unknown	
6	Alameda County Employee's Retirement Association	Senior Investment Officer, ACERA	\$161,221		\$ 161,221	\$ 69,237	\$ 230,458	1/3/2016	unknown	unknown	
7	Sacramento County Employees' Retirement System	N/C									
8	Ventura County Employees' Retirement Association	N/C									
9	Kern County Employees' Retirement Administration	N/C									
10	San Mateo County Employees' Retirement Association	N/C									
11	Contra Costa County Employees' Retirement Assoc.	N/C									
12	Sonoma County Employees' Retirement Association	N/C									

Summary Results			Annual Salary	Total Annual Comp
Average of Comparators		\$191,790	\$206,758	\$279,583
% Office of Retirement Services, City of San Jose Above/Below	-2.5%		-10.4%	-21.3%
Median of Comparators		\$194,397	\$219,672	\$284,674
% Office of Retirement Services, City of San Jose Above/Below	-3.8%		-17.3%	-23.5%
Number of Matches	5	5	5	

N/C - Non Comparator

Office of Retirement Services, City of San Jose - Market Compensation Data Month/Year

Director of Retirement Services										
Rank	Comparator Agency	Classification Title	Top Annual Salary	Cost of Labor Differential	Adjusted Top Annual Salary	Annual Benefits Package	Total Annual Comp	Salary Effective Date	Next Salary Increase	Next Percentage Increase
1	San Diego County Employees Retirement Association ⁶	Retirement Chief Executive Officer	\$ 304,740	13.0%	\$ 344,352	\$ 95,402	\$ 439,754	unknown	unknown	unknown
2	San Bernardino County Employees' Retirement Assoc. ⁵	Chief Executive Officer	\$ 293,352	14.8%	\$ 336,768	\$ 133,967	\$ 470,735	12/24/2016	1/1/2018	max 2%
3	Orange County Employees Retirement System ^{2, 3}	Chief Executive Officer	\$ 273,420	10.9%	\$ 303,228	\$ 129,674	\$ 432,902	1/5/2018	unknown	unknown
4	San Francisco Employees' Retirement System	Executive Director (Department Head V)	\$ 301,680		\$ 301,680	\$ 74,497	\$ 376,177	7/1/2017	unknown	unknown
5	Ventura County Employees' Retirement Association ⁷	Retirement Administrator	\$ 262,488	12.1%	\$ 294,252	\$ 76,366	\$ 370,618	1/15/2017	1/14/2018	1.5%
6	Alameda County Employee's Retirement Association	Chief Executive Officer, ACERA	\$ 270,588		\$ 270,587	\$ 88,082	\$ 358,669	1/3/2016	unknown	unknown
7	Sacramento County Employees' Retirement System ⁴	Chief Executive Officer	\$ 230,388	13.0%	\$ 260,340	\$ 72,015	\$ 332,355	12/28/2017	unknown	unknown
8	San Mateo County Employees' Retirement Association	Chief Executive Officer SAMCERA	\$ 256,428		\$ 256,428	\$ 79,064	\$ 335,492	10/9/2016	10/8/2017	2-3%
9	Contra Costa County Employees' Retirement Assoc.	Chief Executive Officer	\$ 240,768		\$ 240,768	\$ 79,158	\$ 319,926	7/7/2017	unknown	unknown
10	Kern County Employees' Retirement Administration ¹	Executive Director	\$ 200,952	14.1%	\$ 229,284	\$ 65,128	\$ 294,412	unknown	unknown	unknown
11	Office of Retirement Services, City of San Jose	Director of Retirement Services	\$ 228,633		\$ 228,633	\$ 68,113	\$ 296,745	6/18/2017	unknown	unknown
12	Sonoma County Employees' Retirement Association	Chief Executive Officer	\$ 224,304		\$ 224,303	\$ 98,998	\$ 323,301	3/1/2017	unknown	unknown

Summary Results			Annual Salary	Total Annual Comp
Average of Comparators			\$259,919	\$368,577
% Office of Retirement Services, City of San Jose Above/Below			-13.7%	-24.2%
Median of Comparators			\$262,488	\$ 29,889
% Office of Retirement Services, City of San Jose Above/Below			-14.8%	-20.9%
Number of Matches			11	11

N/C - Non Comparator

1 - Kern County Employees' Retirement Administration: The top monthly salary has been increased by 14.1% based on the salary structure difference obtained from the Economic Research Institute.

2 - Orange County Employees Retirement System: The top monthly salary has been increased by 10.9% based on the salary structure difference obtained from the Economic Research Institute.

3 - Orange County Employees Retirement System: Actual salary; no top monthly established.

4 - Sacramento County Employees' Retirement System: The top monthly salary has been increased by 13.0% based on the salary structure difference obtained from the Economic Research Institute.

5 - San Bernardino County Employees' Retirement Assoc.: The top monthly salary has been increased by 14.8% based on the salary structure difference obtained from the Economic Research Institute.

6 - San Diego County Employees Retirement Association: The top monthly salary has been increased by 13.0% based on the salary structure difference obtained from the Economic Research Institute.

7 - Ventura County Employees' Retirement Association: The top monthly salary has been increased by 12.1% based on the salary structure difference obtained from the Economic Research Institute.

**Total Comp - August 2017 w/ Agency Contribution to Retirement
Benefit Detail**

Agency		Office of Retirement Services, City of San Jose	Alameda County Employee's Retirement Association	Contra Costa County Employees' Retirement Assoc.	Kern County Employees' Retirement Administration	Orange County Employees Retirement System	Sacramento County Employees' Retirement System	San Bernardino County Employees' Retirement Assoc.	San Diego County Employees Retirement Association	San Francisco Employees' Retirement System	San Mateo County Employees' Retirement Association	Sonoma County Employees' Retirement Association	Ventura County Employees' Retirement Association
Benchmark/ Comparator Agency Match		Director of Retirement Services	Chief Executive Officer, ACERA	Chief Executive Officer	Executive Director	Chief Executive Officer	Chief Executive Officer	Chief Executive Officer	Retirement Chief Executive Officer	Executive Director (Department Head)	Chief Executive Officer SAMCERA	Chief Executive Officer	Retirement Administrator
	Top Monthly Salary	\$ 19,053	\$ 22,549	\$ 20,064	\$ 19,107	\$ 25,269	\$ 21,695	\$ 28,064	\$ 28,696	\$ 25,140	\$ 21,369	\$ 18,692	\$ 24,521
Retirement	Classic ^{1,2,3,4,5,6,7}		2%@55	2%@55	2%@60	2.7%@55	2%@55	2%@55	2.5%@55	2%@55	2%@60	3%@60	2%@60
	Agency Retirement Contrib		\$ 4,370	\$ 6,136	\$ 7,316	\$ 8,506	\$ 3,378	\$ 5,863	\$ 10,965	\$ 4,973	\$ 6,137	\$ 3,079	\$ 4,608
	ER Paid Member Contrib		\$ 676										
	Social Security		\$ 663	\$ 663	\$ 663	\$ 663	\$ 663		\$ 663	\$ 663	\$ 663	\$ 663	\$ 663
	Deferred Compensation	\$ 714		\$ 235	\$ 1,146	\$ 2,022	\$ 217	\$ 2,526			\$ 214	\$ 748	\$ 736
	Other Ret.							\$ 2,923					
Insurance	Cafeteria					\$ 375			\$ 1,522				\$ 860
	Health	\$ 1,527	\$ 2,667	\$ 2,343	\$ 1,268	\$ 1,402	\$ 1,418	\$ 1,046		\$ 1,849	\$ 2,912	\$ 1,638	
	Dental	\$ 150	\$ 124	\$ 169			\$ 125	\$ 21		\$ 174	\$ 108	\$ 111	
	Vision	\$ 16		\$ 8				\$ 14			\$ 16	\$ 17	
	Life ⁸	\$ 61	\$ 1	\$ 8	\$ 20	\$ 11	\$ 4	\$ 2	\$ 75	\$ 4	\$ 11	\$ 162	\$ 3
	LTD			\$ 25		\$ 23		\$ 45	\$ 27	\$ 37	\$ 14	\$ 89	\$ 89
	STD/SDI			\$ 36									
	Other Ins. ⁹						\$ 727						
Allow Leaves	Vacation ¹⁰	\$ 1,466	\$ 1,301	\$ 1,158	\$ 1,249	\$ 3,110	\$ 1,252	\$ 1,619	\$ 2,207	\$ 1,450	\$ 1,315	\$ 1,231	\$ 3,395
	Holidays	\$ 1,026	\$ 1,301	\$ 1,003	\$ 808	\$ 1,166	\$ 1,126	\$ 1,511	\$ 1,435	\$ 1,547	\$ 986	\$ 791	\$ 990
	Admin Leave	\$ 366	\$ 607	\$ 675				\$ 1,079		\$ 483		\$ 539	
Allow	Auto	\$ 350			\$ 597		\$ 469		\$ 600		\$ 1,001	\$ 430	\$ 375
	Uniform												
Benefit Package Total		\$ 5,676	\$ 11,710	\$ 12,461	\$ 13,068	\$ 17,278	\$ 9,379	\$ 16,648	\$ 17,494	\$ 11,181	\$ 13,378	\$ 9,497	\$ 11,719

N/C - Non Comparator

1 - Alameda County Employee's Retirement Association: 37 Act formula converted to estimated PERS formula.

2 - Kern County Employees' Retirement Administration: 37 Act formula converted to estimated PERS formula.

3 - Sacramento County Employees' Retirement System: 37 Act formula converted to estimated PERS formula.

4 - San Diego County Employees Retirement Association: 37 Act formula converted to estimated PERS formula.

5 - San Francisco Employees' Retirement System: SFERS formula converted to estimated PERS formula.

6 - San Mateo County Employees' Retirement Association: 37 Act formula converted to estimated PERS formula.

7 - Ventura County Employees' Retirement Association: 37 Act formula converted to estimated PERS formula.

8 - San Mateo County Employees' Retirement Association: Life insurance premiums are based on age, rate taken is the average of all employee age groups.

9 - Sacramento County Employees' Retirement System: Management differential.

10 - Orange County Employees Retirement System: Annual leave (includes sick time).

Office of Retirement Services, City of San Jose - Market Compensation Data Month/Year

Retirement Investment Officer										
Rank	Comparator Agency	Classification Title	Adjusted Top Monthly Salary	Cost of Labor Differential	Adjusted Annual Salary	Annual Benefits Package	Total Annual Comp	Salary Effective Date	Next Salary Increase	Next Percentage Increase
1	Contra Costa County Employees' Retirement Assoc.	Investment Officer	\$194,964		\$ 194,964	\$121,386	\$316,350	unknown	unknown	unknown
2	San Francisco Employees' Retirement System	Senior Portfolio Manager	\$185,196		\$ 185,196	\$91,439	\$276,635	7/1/2017	unknown	unknown
3	San Bernardino County Employees' Retirement Assoc.	Investment Officer	\$143,807	14.8%	\$ 165,096	\$101,999	\$267,095	12/24/2016	1/1/2018	max 2%
5	Orange County Employees Retirement System	Investment Officer	\$133,560	10.9%	\$ 148,116	\$103,483	\$251,599	1/1/2017	1/1/2018	unknown
6	Sacramento County Employees' Retirement System	Retirement Investment Officer	\$128,160	13.0%	\$ 144,816	\$64,918	\$209,734	6/25/2017	unknown	unknown
4	Office of Retirement Services, City of San Jose	Retirement Investment Officer	\$160,728		\$160,723	\$44,934	\$205,656	6/18/2017	unknown	unknown
7	Sonoma County Employees' Retirement Association	Retirement Investment Officer	\$124,224		\$ 124,225	\$73,148	\$197,373	3/1/2017	unknown	unknown
8	Alameda County Employee's Retirement Association	N/C								
9	Kern County Employees' Retirement Administration	N/C								
10	San Diego County Employees Retirement Association	N/C								
11	San Mateo County Employees' Retirement Association	N/C								
12	Ventura County Employees' Retirement Association	N/C								

Summary Results			Total Annual
Average of Comparators	\$151,652	\$160,402	\$253,131
% Office of Retirement Services, City of San Jose Above/Below	5.6%	0.2%	-23.1%
Median of Comparators	\$138,684	\$156,606	\$259,347
% Office of Retirement Services, City of San Jose Above/Below	13.7%	2.6%	-26.1%
Number of Matches	6	6	6

N/C - Non Comparator

Office of Retirement Services, City of San Jose - Market Compensation Data Month/Year

Director of Retirement Services										
Rank	Comparator Agency	Classification Title	Top Annual Salary	Cost of Labor Differential	Adjusted Annual Salary	Annual Benefits Package	Total Annual Comp	Salary Effective Date	Next Salary Increase	Next Percentage Increase
1	San Diego County Employees Retirement Association ⁶	Retirement Chief Executive Officer	\$ 304,740	13.0%	\$ 344,352	\$209,934	\$554,286	unknown	unknown	unknown
2	San Bernardino County Employees' Retirement Assoc. ⁵	Chief Executive Officer	\$ 293,352	14.8%	\$ 336,768	\$199,772	\$536,540	12/24/2016	1/1/2018	max 2%
3	Orange County Employees Retirement System ^{2,3}	Chief Executive Officer	\$ 273,420	10.9%	\$ 303,228	\$207,331	\$510,559	1/5/2018	unknown	unknown
4	San Francisco Employees' Retirement System	Executive Director (Department Head V)	\$ 301,680		\$ 301,680	\$134,170	\$435,850	7/1/2017	unknown	unknown
5	Ventura County Employees' Retirement Association ⁷	Retirement Administrator	\$ 262,488	12.1%	\$ 294,252	\$140,630	\$434,882	1/15/2017	1/14/2018	1.5%
6	Alameda County Employee's Retirement Association	Chief Executive Officer, ACERA	\$ 270,588		\$ 270,587	\$140,521	\$411,109	1/3/2016	unknown	unknown
7	Sacramento County Employees' Retirement System ⁴	Chief Executive Officer	\$ 230,388	13.0%	\$ 260,340	\$112,550	\$372,890	12/28/2017	unknown	unknown
8	San Mateo County Employees' Retirement Association	Chief Executive Officer SAMCERA	\$ 256,428		\$ 256,428	\$160,532	\$416,960	10/9/2016	10/8/2017	2-3%
9	Contra Costa County Employees' Retirement Assoc.	Chief Executive Officer	\$ 240,768		\$ 240,768	\$149,535	\$390,303	7/7/2017	unknown	unknown
10	Kern County Employees' Retirement Administration ¹	Executive Director	\$ 200,952	14.1%	\$ 229,284	\$156,819	\$386,103	unknown	unknown	unknown
11	Office of Retirement Services, City of San Jose	Director of Retirement Services	\$ 228,633		\$ 228,633	\$ 68,113	\$ 296,745	6/18/2017	unknown	unknown
12	Sonoma County Employees' Retirement Association	Chief Executive Officer	\$ 224,304		\$ 224,303	\$113,959	\$338,262	3/1/2017	unknown	unknown

Summary Results			Total Annual
Average of Comparators	\$259,919	\$278,363	\$435,249
% Office of Retirement Services, City of San Jose Above/Below	-13.7%	-21.8%	-46.7%
Median of Comparators	\$262,488	\$270,587	\$416,960
% Office of Retirement Services, City of San Jose Above/Below	-14.8%	-18.4%	-40.5%
Number of Matches	11		11

N/C - Non Comparator

1 - Kern County Employees' Retirement Administration: The top monthly salary has been increased by 14.1% based on the salary structure difference obtained from the Economic Research Institute.

2 - Orange County Employees Retirement System: The top monthly salary has been increased by 10.9% based on the salary structure difference obtained from the Economic Research Institute.

3 - Orange County Employees Retirement System: Actual salary; no top monthly established.

4 - Sacramento County Employees' Retirement System: The top monthly salary has been increased by 13.0% based on the salary structure difference obtained from the Economic Research Institute.

5 - San Bernardino County Employees' Retirement Assoc.: The top monthly salary has been increased by 14.8% based on the salary structure difference obtained from the Economic Research Institute.

6 - San Diego County Employees Retirement Association: The top monthly salary has been increased by 13.0% based on the salary structure difference obtained from the Economic Research Institute.

7 - Ventura County Employees' Retirement Association: The top monthly salary has been increased by 12.1% based on the salary structure difference obtained from the Economic Research Institute.

Retirement Investment Analyst II										
Rank	Comparator Agency	Classification Title	Adjusted Top Monthly Salary	Cost of Labor Differential	Adjusted Annual Salary	Annual Benefits Package	Total Annual Comp	Salary Effective Date	Next Salary Increase	Next Percentage Increase
1	Contra Costa County Employees' Retirement Assoc.	Investment Analyst	\$138,564		\$ 138,564	\$98,024	\$236,588	unknown	unknown	unknown
2	San Mateo County Employees' Retirement Association	Retirement Financial Analyst II	\$123,113		\$ 123,108	\$94,145	\$217,253	10/9/2016	10/8/2017	2-3%
3	San Francisco Employees' Retirement System	Security Analyst	\$120,876		\$ 120,876	\$70,038	\$190,914	7/1/2017	unknown	unknown
4	Orange County Employees Retirement System	Investment Analyst	\$100,380	10.9%	\$ 111,324	\$83,772	\$195,096	1/1/2017	1/1/2018	unknown
5	Sacramento County Employees' Retirement System	Retirement Investment Analyst II	\$93,192	13.0%	\$ 105,300	\$53,002	\$158,302	6/25/2017	unknown	unknown
6	San Bernardino County Employees' Retirement Assoc.	Investment Analyst	\$91,196	14.8%	\$ 104,688	\$54,037	\$158,725	12/24/2016	1/1/2018	max 2%
7	Office of Retirement Services, City of San Jose	Retirement Investment Analyst II	\$104,196		\$104,196	\$36,273	\$140,469	6/18/2017	unknown	unknown
8	Alameda County Employee's Retirement Association	Investment Analyst, ACERA	\$100,032		\$ 100,027	\$76,319	\$176,346	1/3/2016	unknown	unknown
9	Kern County Employees' Retirement Administration	N/C								
10	San Diego County Employees Retirement Association	N/C								
11	Sonoma County Employees' Retirement Association	N/C								
12	Ventura County Employees' Retirement Association	N/C								

Summary Results				Total Annual
Average of Comparators		\$109,622	\$114,841	\$190,460
% Office of Retirement Services, City of San Jose Above/Below		-5.2%	-10.2%	-35.6%
Median of Comparators		\$100,380	\$111,324	\$190,914
% Office of Retirement Services, City of San Jose Above/Below		3.7%	-6.8%	-35.9%
Number of Matches		7	7	7

N/C - Non Comparator

Retirement Investment Officer										
Rank	Comparator Agency	Classification Title	Adjusted Top Monthly Salary	Cost of Labor Differential	Adjusted Annual Salary	Annual Benefits Package	Total Annual Comp	Salary Effective Date	Next Salary Increase	Next Percentage Increase
1	Contra Costa County Employees' Retirement Assoc.	Investment Officer	\$194,964		\$ 194,964	\$121,386	\$316,350	unknown	unknown	unknown
2	San Francisco Employees' Retirement System	Senior Portfolio Manager	\$185,196		\$ 185,196	\$91,439	\$276,635	7/1/2017	unknown	unknown
3	San Bernardino County Employees' Retirement Assoc.	Investment Officer	\$143,807	14.8%	\$ 165,096	\$101,999	\$267,095	12/24/2016	1/1/2018	max 2%
4	Office of Retirement Services, City of San Jose	Retirement Investment Officer	\$160,728		\$160,723	\$44,934	\$205,656	6/18/2017	unknown	unknown
5	Orange County Employees Retirement System	Investment Officer	\$133,560	10.9%	\$ 148,116	\$103,483	\$251,599	1/1/2017	1/1/2018	unknown
6	Sacramento County Employees' Retirement System	Retirement Investment Officer	\$128,160	13.0%	\$ 144,816	\$64,918	\$209,734	6/25/2017	unknown	unknown
7	Sonoma County Employees' Retirement Association	Retirement Investment Officer	\$124,224		\$ 124,225	\$73,148	\$197,373	3/1/2017	unknown	unknown
8	Alameda County Employee's Retirement Association	N/C								
9	Kern County Employees' Retirement Administration	N/C								
10	San Diego County Employees Retirement Association	N/C								
11	San Mateo County Employees' Retirement Association	N/C								
12	Ventura County Employees' Retirement Association	N/C								

Summary Results			Total Annual
Average of Comparators	\$151,652	\$160,402	\$253,131
% Office of Retirement Services, City of San Jose Above/Below	5.6%	0.2%	-23.1%
Median of Comparators	\$138,684	\$156,606	\$259,347
% Office of Retirement Services, City of San Jose Above/Below	13.7%	2.6%	-26.1%
Number of Matches	6	6	6

N/C - Non Comparator

Senior Retirement Investment Officer										
Rank	Comparator Agency	Classification Title	Adjusted Top Monthly Salary	Cost of Labor Differential	Adjusted Annual Salary	Annual Benefits Package	Total Annual Comp	Salary Effective Date	Next Salary Increase	Next Percentage Increase
1	San Bernardino County Employees' Retirement Assoc.	Senior Investment Officer	\$213,690	14.8%	\$ 245,316	\$143,208	\$388,524	12/24/2016	1/1/2018	max 2%
2	San Francisco Employees' Retirement System	Director	\$225,108		\$ 225,108	\$104,092	\$329,200	7/1/2017	unknown	unknown
3	San Diego County Employees Retirement Association	Retirement Assistant Chief Investment Officer	\$194,397	13.0%	\$ 219,672	\$138,943	\$358,615	unknown	unknown	unknown
4	Office of Retirement Services, City of San Jose	Senior Retirement Investment Officer	\$187,200		\$187,200	\$48,991	\$236,191	6/18/2017	unknown	unknown
5	Orange County Employees Retirement System	Senior Investment Officer	\$164,535	10.9%	\$ 182,472	\$120,901	\$303,373	1/1/2017	1/1/2018	unknown
6	Alameda County Employee's Retirement Association	Senior Investment Officer, ACERA	\$161,221		\$ 161,221	\$100,482	\$261,702	1/3/2016	unknown	unknown
7	Contra Costa County Employees' Retirement Assoc.	N/C								
8	Kern County Employees' Retirement Administration	N/C								
9	Sacramento County Employees' Retirement System	N/C								
10	San Mateo County Employees' Retirement Association	N/C								
11	Sonoma County Employees' Retirement Association	N/C								
12	Ventura County Employees' Retirement Association	N/C								

Summary Results				Total Annual
Average of Comparators		\$191,790	\$206,758	\$328,283
% Office of Retirement Services, City of San Jose Above/Below		-2.5%	-10.4%	-39.0%
Median of Comparators		\$194,397	\$219,672	\$329,200
% Office of Retirement Services, City of San Jose Above/Below		-3.8%	-17.3%	-39.4%
Number of Matches		5	5	5

N/C - Non Comparator

Office of Retirement Services, City of San Jose
Proposed Range Placement Recommendations
March 2018

Class Title	Current Maximum Monthly Salary	Market Median Placement	Recommended Placement	Rationale
Director of Retirement Services	\$228,633	\$270,587	\$270,587	Market and range placement.
Retirement Investment Analyst I			\$100,153	Internal Alignment; 10% below Retirement Investment Analyst II
Retirement Investment Analyst II	\$104,196	\$111,324	\$111,324	Market and range placement.
Retirement Investment Officer	\$160,723	\$156,606	\$156,606	Market and range placement.
Senior Retirement Investment Officer	\$187,200	\$219,672	\$187,927	Internal Alignment; 20% above Retirement Investment Officer