# Compensation Analyses: A Practical Understanding and Real-World Strategies

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### Agenda



- Compensation Analyses: A Historical Perspective and Why the OFCCP has to Get it Right this Time
- Money is Tight: Compensation Analyses on a Budget
- Understanding Multiple Regression (for the Stat-Phobic)
- Practical Strategies and Recommendations



# Compensation Analyses: A Historical Perspective and Why the OFCCP has to Get it Right this Time.

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# The Rise of the Compensation Standards and Guidelines July 2003: Active Case Management 1990 2000 2010 Dramatic reduction of Agency resources under Charles James (788 FTEs – 585 FTEs) Designed to focus Agency resources on issues of systemic discrimination Statistics drove investigations Resulted in 6+ consecutive years of record enforcement

# The Rise of the Compensation Standards and Guidelines

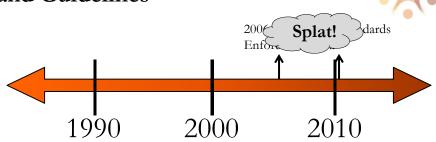
June 2006: Comp Standards and Guidelines - SSEGs, Regression, Anecdotal Evidence Codified



- OFCCP realized that "litigation-worthy" analyses were necessary to successfully investigate compensation.
- Comp Standards (i.e., what the Agency will do) and Guidelines (i.e., what contractors should do) were released in 2006
- Included guidance regarding regression, SSEGs, and the need for anecdotal evidence to support statistical findings (*most* of the time)

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# The Rise of the Compensation Standards and Guidelines

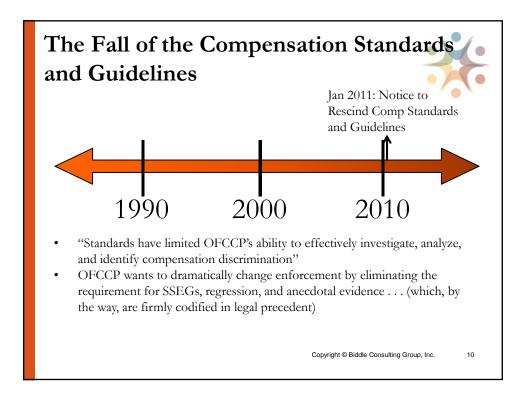


- The bar set high for compensation enforcement (is that such a bad thing?)
- Comp investigations are inherently quirky, can be very time consuming, and typically involve several stages: 1) SSEG argument, 2) Regression argument, 3) Anecdotal evidence
- On the contrary, systemic hiring investigations are relatively straightforward by comparison (and the OFCCP has a successful history of enforcement)
- No systemic compensation-based conciliation agreements in 4+ years

# The Fall of the Compensation Standards and Guidelines 2009/2010: Change of Administration and Significant Increase in OFCCP Budget 1990 2000 2010 President Obama inaugurated January 20, 2009 January 29, 2009 – Ledbetter signed into law (Paycheck Fairness Act fails) January 2010: Establishment of the Equal Pay Enforcement Task Force Patricia Shiu becomes director of OFCCP – Former EEO litigation attorney (OFCCP is an "enforcement agency") OFCCP receives \$20M+ budget increase and approval for 200+ more FTEs

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Tremendous amount of pressure to perform



# It's a Big Deal for the OFCCP . . . And They Have to Get it Right This Time! Feb 2011: Release of

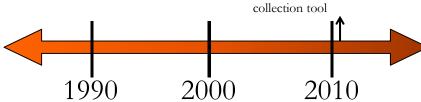
1990 2000 2010

- "OFCCP is making the issue of pay equity a top priority"
- "OFCCP plans to develop and implement a web-based compensation data collection tool that would enable the agency to identify indicators of pay disparity among federal contractors"
- "The scope of the data is yet to be fully determined. Current possibilities include salary, gender, race and ethnicity data for each employee OR average compensation and variances for each group by gender, race and ethnicity"

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# It's a Big Deal for the OFCCP... And They Have to Get it Right This Time!

August 5, 2011: OFCCP submits NPRM for compensation data collection tool



 OFCCP proposes changes to the audit scheduling letter to allow for collection of individual employee-level compensation data (still not yet codified as of today)

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# It's a Big Deal for the OFCCP... And They Have to Get it Right This Time!

February 2012: Release of OFCCP 2013 Budget Justification

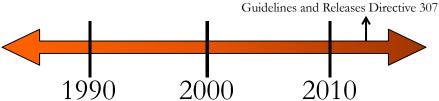
- OFCCP Outlines the Federal Contract Compliance System (FCCS), a cloudbased tool that will include:
  - Basic case and content management functionality
  - Dashboard reporting
  - Automated data analysis
  - Electronic submission of AAP data and other HR reports
  - Integration of a compensation data collection tool

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## It's a Big Deal for the OFCCP... And They Have to Get it Right This Time!

February 2013: OFCCP Formally Rescinds Comp Standards and Guidelines and Releases Directive 3



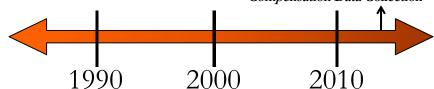
- Standards and Guidelines are no longer in effect
- Directive 307 formally replaces all previous directives on the subject of comp enforcement and broadens (dramatically) the ability of the OFCCP to investigate compensation
- OFCCP now bringing a wide variety of enforcement and analytical strategies to bear

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# It's a Big Deal for the OFCCP... And They Have to Get it Right This Time!

Is this EO Survey 2.0?

April 2014: President Obama signs "Advancing Pay Equity Through Compensation Data Collection"



- Part of the Obama Administration's strategy to use Executive Orders to further the Whitehouse agenda
- Applies only to federal contractors and sub-contractors
- Equal Pay Task Force identified a "lack of sufficiently robust and reliable compensation data" as a key impediment to shrinking the pay gap
- Calls for proposal of a new rule, by August 8, 2014, that would require contractors/subcontractors to submit summary-level compensation data on the pay of their employees
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# Money is Tight: Compensation Analyses on a Budget

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# By Being Proactive, You Can Dramatically Reduce the Damages

- OFCCP generally begins with a "make-whole" relief calculation which typically includes:
  - Current adjustments
  - Back-pay (for two years)
  - Interest (from the beginning of the enforcement period through the signing of the conciliation agreement)
  - Benefits
- When you proactively identify problems, you have the option to just make current adjustments
- The difference in financial impact (cost) between the OFCCP finding issues v proactively finding them yourself can sometimes be 10X+

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# It's Nowhere Near as Expensive as You Think... And You Can Set the Budget

- Because of technological advancements, the cost for performing analyses has dropped dramatically . . . analyses can oftentimes be conducted for a fraction of what they cost just a few years ago
- Of course . . . running the analyses is just one portion of the cost, what about the cost of fixing the identified issues?
- The cost for *completely* fixing the identified issues can often dwarf the cost for running the analyses . . . but there is another option . . . allocate a *fixed amount* of available funds then address the issues in priority of legal exposure.

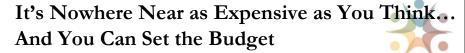
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# It's Nowhere Near as Expensive as You Think... And You Can Set the Budget

- Creating a fixed-pool of available funds has several advantages:
  - It avoids the need for a "blank-check"
  - It increases the likelihood of receiving approval for the project because now the total costs are known
  - The amount of available funds can be determined based on: 1) budgetary constraints, and 2) a company's level of risk aversion/tolerance
  - You can choose to focus on either: 1) the job titles with the largest exposure, or 2) the most egregiously underpaid employees (regardless of job title)

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### Risk Tolerance/Aversion Continuum

Conduct No Analyses: It's Better We Don't Know Identify and Completely Address All Problems

### Extremely Risk Tolerant

Extremely Risk Averse

Conduct Analyses: Limited Budget to Fix Issues – Issues Will Take Many Years to Address . . . But Exposure Will be Reduced Conduct Analyses: Moderate Budget to Fix Issues – Issues Will Take a Few Years to Address . . . But Exposure Will be Reduced



Moving in the right direction . . . but how long are you comfortable with the exposure?

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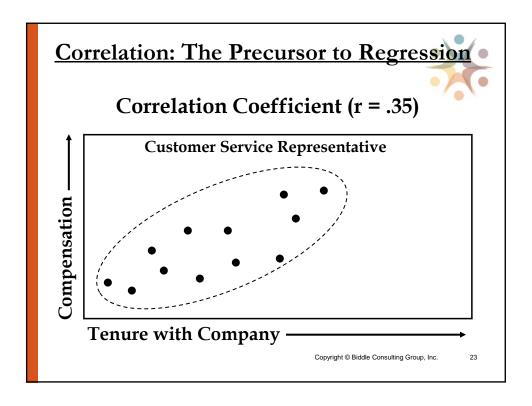
# **Understanding Multiple Regression (for the Stat-Phobic)**

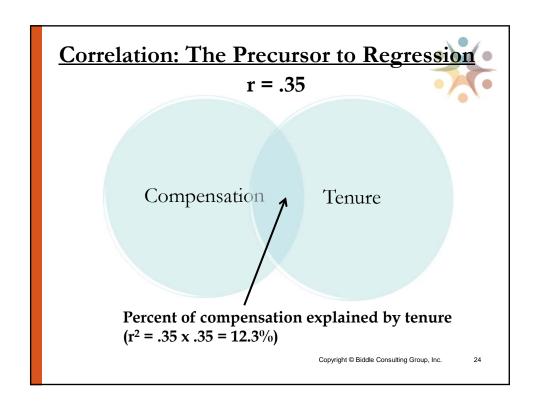
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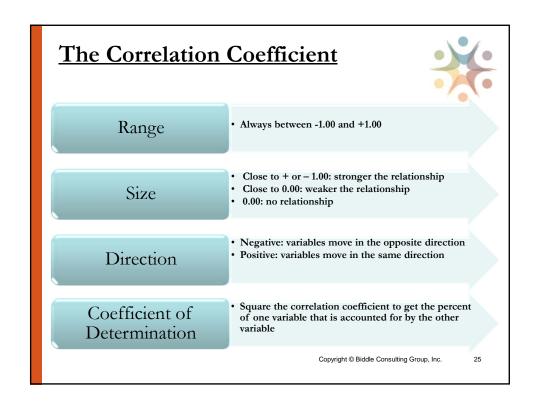
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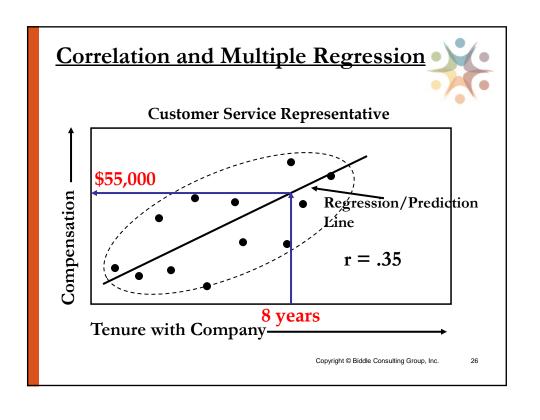
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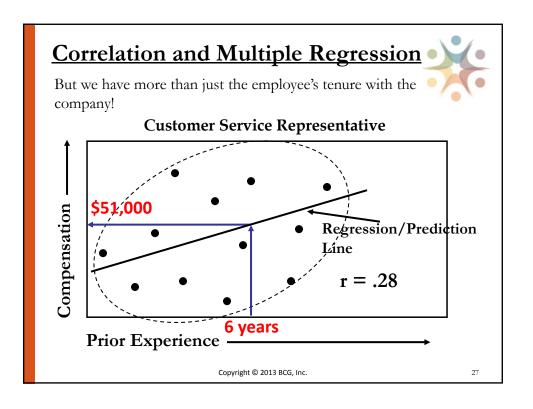
### **Multiple Linear Regression Multiple Regression** Gender Used to create a "model" to Experience Job Market Factors determine whether Performance differences in compensation are due to "legitimate job-Differences in related factors" or Compensation (perhaps) an employee's gender or ethnicity. Tenure Education

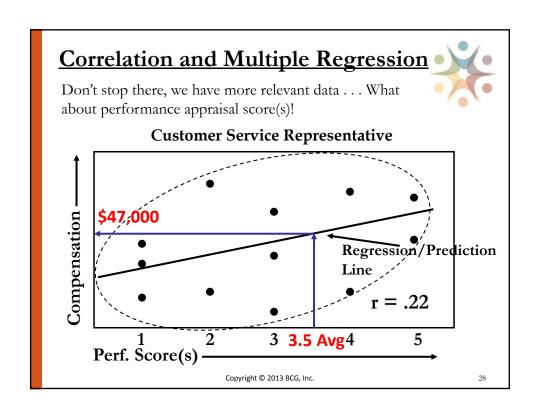




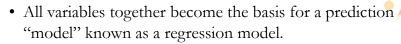








### The Regression "Model"



• The regression model predicts a certain percentage of what makes up an employee's compensation.

$$R = .67$$

$$R^2 = 45\%$$

$$Compensation$$

$$Tenure w$$

$$Company$$

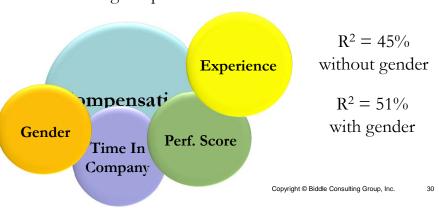
$$Perf. Score$$

### The Regression "Model"



Q: So how does regression help to identify discrimination in pay?

A: If the prediction model becomes significantly better *after* including the protected variable.





# Practical Strategies and Recommendations

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### Strategies and Recommendations



### Policy/Personnel-Based

**Step 1: Audit Current Pay Documentation Practices** – Verify sufficient documentation exists to clearly support compensation decisions. Focus primarily on rationale behind **starting pay** and performance-based specifics.

Step 2: Develop Specific Criteria for Compensation Decisions – Develop objective and measurable guidelines for compensation decisions and apply them consistently. For example: establish (narrow) starting salary ranges for specific positions.

**Step 3: Review Compensation Decisions** – Establish third-party internal review process for compensation decisions (e.g., starting salary, yearly increases, etc.) . . . review should be conducted by personnel with knowledge of identified issues.

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### Policy/Personnel-Based (cont.)

Step 4: Revise Document Retention Practices as Necessary – Maintain records regarding compensation decisions to ensure data/evidence is available in the event of future litigation.

**Step 5: Train Supervisors and Managers –** Train all supervisors and managers regarding new policies/procedures.

Step 6: Conduct Periodic Statistical Analysis of Compensation Data – Proactively determine whether pay disparities exist. Once identified, make adjustments to eliminate unexplained disparities (only make adjustments after a statistical and cohort-level review have been conducted)

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### Strategies and Recommendations Nothing "sells" the need for action like **Analytical** liability calculations! Step 1: Create pivot tables (as initial investigation) Total Liability (\$) Count of GENDER \$14.52 \$12.80 \$152,256.00 \$12.08 16.8% Average of Salary Average of Time in Compa Average of Performance 3.1 4.6 3.5 Average of Time in Job Count of GENDER \$1.96 14.8% \$244,608.00 Average of Salary \$11.29 \$13.25 \$12.94 Average of Performance 3.4 Average of Time in Job Count of GENDER \$0.06 \$14,040.00 Average of Salary \$14.29 \$14.35 \$14.31 Average of Time in Company Average of Performance 3.0 3.0 Average of Time in Jol Count of GENDER \$15.97 \$17.42 \$1.45 8.3% \$60,320.00 \$16.92 Average of Salary Average of Time in Job 4.2 4.2 Count of GENDER 0.0% \$0.00 \$0.00 Average of Salary \$23.70 \$23.70 \$23.70 Average of Time in Comp Average of Performance Average of Time in Job 1. Potential Liability = "Make-Whole Relief" = Difference (\$) x 2080 (hours) x 2 (years) x # impacted x 1.25 (benefits + interest)

### Analytical (cont.)

**Step 2: Prioritize your efforts** (focus on the low-hanging fruit – i.e., a statistically significant difference with a large number of employees

**Step 3: Conduct statistical regression analyses** (if differences are identified in initial review)

**Step 4: Conduct "cohort" review** (i.e., a file-by-file review to identify why differences remain – *starting salary*, education, prior salary, quantity or quality of previous experience)

• Starting salary is often the culprit . . . But the question is why are the starting salaries different and do you have the information necessary to justify the difference?

Step 5: Make changes where differences cannot be justified statistically <u>or</u> by cohort review (must use regression analyses to identify the amount needed for each impacted individual)

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### Strategies and Recommendations



Sample Cohort Analysis Ordered by Salary (Descending)



			Time in Co.	Avg. Perform.	
Name	Gender	Salary (\$)	(Years)	Scores (3 years)	Educ. (Years)
Steve Randall	M	\$57,000	7.3	3.5	18
Chris Avery	M	\$52,350	4.9	3.3	16
Leigh Barrows	F	\$51,950	12.1	3.9	18
Danielle Yoko	F	\$51,500	11.0	3.4	16
Mike Freeman	M	\$51,000	13.9	2.9	16
Frank Viola	M	\$50,500	8.7	3.2	16
John Smith	M	\$50,000	8.5	3.5	16
Frank Robison	M	\$49,560	12.1	2.7	16
John Cameron	M	\$49,250	9.5	3.0	16
Mike Stevens	M	\$48,995	10.9	4.0	16
Shelli Jackson	F	\$48,000	8.5	2.9	16
Desiree Laub	F	\$47,580	8.9	3.8	16
Dan Bostick	M	\$43,675	9.2	2.9	16
Nina Ling	F	\$42,850	3.6	3.9	18
Heather Monte	F	\$42,678	4.9	3.8	16
Shana Larris	F	\$40,750	13.8	3.9	18
Nancy Tramel	F	\$40,500 V	5.6	3.3	16

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### **Cohort Review (Example 2)**

Sample Cohort Analysis Ordered by Time in Company (Descending)

			Time in Co.	Avg. Perform.	
Name	Gender	Salary (\$)	(Years)	Scores (3 years)	Educ. (Years)
Mike Freeman	M	\$51,000	13.9	2.9	16
Shana Larris	F	\$40,750	13.8	3.9	18
Leigh Barrows	F	\$51,950	12.1	3.9	18
Frank Robison	M	\$49,560	12.1	2.7	16
Danielle Yoko	F	\$51,500	11.0	3.4	16
Mike Stevens	M	\$48,995	10.9	4.0	16
John Cameron	M	\$49,250	9.5	3.0	16
Sarah Norris	F	\$47,560	9.2	2.9	16
Dan Bostick	M	\$43,675	9.2	2.9	16
Desiree Laub	F	\$47,580	8.9	3.8	16
Frank Viola	M	\$50,500	8.7	3.2	16
John Smith	M	\$50,000	8.5	3.5	16
Nancy Tramel	F	\$40,500	5.6	3.3	16
Heather Monte	F	\$42,678	4.9	3.8	16
Chris Avery	M	\$52,350	4.9	3.3	16
Nina Ling	F	\$42,850	3.6	3.9	18

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### Strategies and Recommendations

### Impact of Starting Salary (Example 1)

Longitudinal Impact of \$4,000 Difference in Starting Salaries (Assuming a Constant 4% Yearly Increase)

Year	Salar	Salary (\$)		
iear	Mike	Stephanie	- Pay Disparity (\$)	
Starting	\$40,000.00	\$36,000.00	\$4,000.00	
5	\$46,794.34	\$42,114.91	\$4,679.43	
10	\$56,932.47	\$51,239.23	\$5,693.25	
15	\$69,267.06	\$62,340.35	\$6,926.71	
20	\$84,273.97	\$75,846.57	\$8,427.40	
25	\$102,532.17	\$92,278.95	\$10,253.22	
30	\$124,746.06	\$112,271.45	\$12,474.61	

Accumulated difference over 30 years: \$224,339.75

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### Impact of Starting Salary (Example 2)

Longitudinal Impact of \$4,000 Difference in Starting Salaries (Assuming: 4% Yearly Increase for Mike / 5% Yearly Increase for Stephanie)

Year	Salary (\$)		DD:(¢)
	Mike	Stephanie	Pay Disparity (\$)
Starting	\$40,000.00	\$36,000.00	\$4,000.00
1	\$41,600.00	\$37,800.00	\$3,800.00
2	\$43,264.00	\$39,690.00	\$3,574.00
3	\$44,994.56	\$41,674.50	\$3,320.06
4	\$46,794.34	\$43,758.23	\$3,036.12
5	\$48,666.12	\$45,946.14	\$2,719.98
6	\$50,612.76	\$48,243.44	\$2,369.32
7	\$52,637.27	\$50,655.62	\$1,981.66
8	\$54,742.76	\$53,188.40	\$1,554.37
9	\$56,932.47	\$55,847.82	\$1,084.66
10	\$59,209.77	\$58,640.21	\$569.56
11	\$61,578.16	\$61,572.22	\$5.95
12	\$64,041.29	\$64,650.83	
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