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NEW YORK CITY TEACHERS' RETIREMENT SYSTEM  
INVESTMENT MEETING

2

held on Thursday, March 4, 2010

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at

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55 Water Street

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New York, New York

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ATTENDEES:

7

MELVYN AARONSON, Chairperson, Trustee

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SANDRA MARCH, Trustee

MONA ROMAIN, Trustee

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DIANE BRATCHER, Finance, Trustee

LIZ CALDAS, Comptroller's Office

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ALISON CRUZ, Finance, Trustee

JOHN DORSA, Comptroller's Office

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MARTIN GANTZ, Comptroller's Office

MARK GROSS, Comptroller's Office

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THADDEUS McTIGUE, Comptroller's Office

KALI NDOYE, Comptroller's Office

13

YVONNE NELSON, Comptroller's Office

MORAIMA PARES, Comptroller's Office

14

LARRY SCHLOSS, Comptroller's Office

NELSON SERRANO, Comptroller's Office

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JOEL GILLER, Teachers Retirement System

MARC KATZ, Teachers Retirement System

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SUSAN STANG, Teachers Retirement System

PAUL J. RAUCCI, Teachers Retirement System

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ROBERT C. NORTH, JR., Actuary

KAREN SEEMEN, Corporation Counsel

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CAROLYN WOLPERT, Corporation Counsel

CHRIS LYON, Rocaton

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ROBIN PELISH, Rocaton

ROBERTA UFFORD, Groom Law Group

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BUD LARSON, Office of Management and Budget

STEVE BURNS, Townsend

21

SARAH CACHAT, Townsend

MICHELLE DAVIDSON, PCG

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MICHAEL TAYLOR, PCG

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P R O C E E D I N G S

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(9:55 a.m.)

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MR. SERRANO: We're going to begin the  
March 4, 2010 investment meeting of the Teachers'  
Retirement System by calling the roll.

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7

Melvyn Aaronson.

8

ACTING CHAIRPERSON AARONSON: Here.

9

MR. SERRANO: Kathleen Grimme.

10

(No response.)

11

She is not present.

12

Tino Hernandez.

13

(No response.)

14

Also not present.

15

Bud Larson.

16

MR. LARSON: Here.

17

MR. SERRANO: Thad McTigue, representing  
the Comptroller's Office.

18

MR. McTIGUE: Here.

19

MR. SERRANO: Sandra March?

20

MS. MARCH: Right here.

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MR. SERRANO: Mona Romain?

22

MS. ROMAIN: Here.

23

MR. SERRANO: We do have a quorum. And

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we need to elect an acting chairperson.

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MR. LARSON: I nominate Mel.

2

MR. SERRANO: Any second?

3

MR. McTIGUE: Second.

4

MR. SERRANO: All in favor, say "aye."

5

(A chorus of "Ayes.")

6

Opposed?

7

ACTING CHAIRPERSON AARONSON: We are now  
in session.

8

9

MR. SERRANO: Nobody opposed, no

10

abstentions.

11

12

ACTING CHAIRPERSON AARONSON: So, today,  
I think the order of business is we're going to do  
the public agenda on both the variable funds and  
the pension funds. After the public agenda, we are  
going to go into client-lawyer privileged session.  
And when we come out of the client-lawyer  
privileged session, we are then going to go into  
the private agenda of the executive agenda. First,  
the pension fund, and then the variable funds. And  
then, at the end of that, we are going to hear a  
report from the Bank of New York on how they are  
going to service our members.

13

Is that okay with everybody?

14

So, public agenda, we will start with

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the report on the pension funds.

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1 MR. SCHLOSS: Martin?

2 MR. GANTZ: Everyone.

3 ACTING CHAIRPERSON AARONSON: Either use  
4 a stentorian voice or come up a little closer. I  
5 know you have that stentorian voice.

6 MR. GANTZ: It's a baritone voice,  
7 actually. If my projection doesn't work, just let  
8 me know.

9 ACTING CHAIRPERSON AARONSON: Yeah, that  
10 didn't work.

11 (Laughter.)

12 Thank you. It is nice to be kind to old  
13 people. Someday you'll be here.

14 MR. GANTZ: Everyone should have a copy  
15 of the flash report in front of them. We have  
16 extras, if you don't. The flash report shows  
17 returns through the close of business of March 2,  
18 2010.

19 If you draw your attention to the column  
20 of numbers on the left, which start with the fiscal  
21 year-to-date numbers, they show that the U.S.  
22 Equity returns we estimate were 24.63 percent,  
23 matching the Russell 3000 benchmark, which is not  
24 surprising since most of the assets are passively  
25 managed.

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1 For the non-U.S. Equity managers, the  
2 return we estimate would be 17.69 percent; 18 basis  
3 points ahead of the EAFE index.

4 REIF managers returned 45.92 percent,  
5 which is 341 basis points behind the benchmark.  
6 Also, I want to point out the number directly to  
7 the right of that, and that's quite a rebound from  
8 the decline in the markets, and we've heard from a  
9 manager last month about the REIF market.

10 Opportunistic equity returns are  
11 18.15 percent; 273 basis points behind the MSCI  
12 world index.

13 Private equity and real estate, last  
14 month we started showing actual returns. But, of  
15 course, these returns are on a lag basis. So,  
16 these are the same returns you saw last month,  
17 which was the returns for the period ending  
18 September 30th.

19 In the case of Private Equity, the  
20 return was 25 percent; 176 basis points ahead of  
21 their benchmark. And for Private Real Estate, the  
22 return was a negative, negative 8.3, or behind the  
23 benchmark by 525 basis points.

24 We estimate the Total Equity Return at  
25 22.03 percent, and that's 245 basis points behind

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1 the Total Equity Policy Benchmark.

2 The U.S. Fixed Income, we'll start with  
3 the Core+5 investment grade sector program, and  
4 that's 155 basis points ahead of the benchmark  
5 index, and that is 7.91 percent versus  
6 6.36 percent.

7 TIPS managers were behind by 1 basis  
8 point, returning 5.41 percent. High-yield managers  
9 were at 16.99 percent; 39 basis points ahead of the  
10 Citigroup BB/B index. And convertible bond  
11 managers were at 21.29 percent behind the benchmark  
12 of 25.25.

13 You'll see opportunistic fixed income  
14 has an "n/a." Next month, that "n/a" will come out  
15 and you will see numbers just like what's shown in  
16 the private equity and real estate.

17 Total Fixed Income returns are  
18 9.62 percent; 79 basis points ahead of the  
19 benchmark. And when you take all these numbers  
20 together, we estimate that the total Teachers  
21 return, fiscal year-to-date, comes to  
22 17.68 percent.

23 And when you back out 14 basis points of  
24 public market fees, it's a net-of-fee return of  
25 17.54 percent behind the adjustment policy

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1 benchmark of 19.43 percent. And those are the  
2 numbers through March 2nd.

3 Are there any questions?

4 ACTING CHAIRPERSON AARONSON: Thank you.

5 MR. GANTZ: So, starting with the  
6 quarterly, I have a handout here. There was a  
7 page, page 10, that had a typo in there.

8 (Indicating.)

9 So, if you would pass those around, we  
10 will get to this page.

11 But to start with, I want to point out  
12 that fourth quarter of 2009 was a good quarter for  
13 overall market returns. The economy grew greater  
14 than a 5 percent clip and interest rates remained  
15 low and accommodated.

16 The broad market, as represented by the  
17 Russell 3000, returned 5.9 percent for the quarter,  
18 and 28 percent for the year. And as far as style  
19 goes, growth generally beat value as risk takers  
20 returned to the market.

21 For non-U.S. Equity, the EAFE index  
22 returned 2.18 percent for the quarter and  
23 31 percent for the year. The dollars declined  
24 during 2009 versus major occurrences contributed to  
25 the performance, although -- in reading that, that

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1 trend has reversed in the past few weeks as the  
2 euro had declined versus the dollar. But for the  
3 period that we're talking about now, it was helping  
4 the returns.

5 And while fixed income returns are not  
6 nearly as high, low short-term rates and narrowing  
7 credit spreads helped returns. The Core+5 index  
8 was essentially flat for the quarter and was up  
9 6.28 percent for the year. TIPS were up 11 percent  
10 for the year. But the real action in fixed income  
11 was in high yield, where lower-quality issues led  
12 the rally and spread Titans considerably from the  
13 extreme levels over a year ago.

14 A high yield is measured by the primary  
15 benchmark as Citigroup BB/B index returned  
16 4.7 percent for the quarter and 40 percent for the  
17 year, while the Merrill High Yield Master II index  
18 returned 57.5 percent for the year. That's the  
19 benchmark that we measured high against, and that  
20 includes CCCs. And CCC has doubled during 2009,  
21 and they are the most speculative issues in the  
22 benchmark.

23 So, starting with the returns, the total  
24 portfolio returns, that would be on page 9, which  
25 shows that the total return for the Teachers'

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1 Retirement System was 3.86 percent versus 4.06 for  
2 the policy benchmark that's 20 basis points behind.  
3 The fund, by the way, as of December 31st was at  
4 \$35.3 billion.

5 The fiscal year and one-year returns  
6 for -- on an absolute basis, very strong but lagged  
7 behind the policy benchmark. This is primarily due  
8 to two reasons: Number one, there was an  
9 overweight to fixed income, and overweight to fixed  
10 income in a very strong equity market detracted  
11 from performance. And also, private equity and  
12 real estate returns were negative, and that  
13 detracted from performance.

14 However, it will go through  
15 the attributions later. You'll see that what hurt  
16 in 2009 actually helped in 2008. And so, the net  
17 effect over the three years is okay.

18 The longer-term returns on page 9 were  
19 ahead of the policy benchmark. And again, we'll  
20 soon see the attribution.

21 So, I just distributed page 10, or  
22 revised page 10. The reason I revised page 10 is  
23 because the lower part of the chart had some  
24 incorrect rebalancing ranges. In your handouts,  
25 you'll have the correct numbers. But the top part

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1 of the page shows the pie chart of where assets are  
2 actually invested. And the bottom of the chart, of  
3 course, is the overweight and underweight versus  
4 policy as of December 31st. As of that period, all  
5 asset classes were within the rebalancing ranges  
6 and the overall fund was at 68.3 percent total  
7 equity.

8 The next several pages --

9 MR. SCHLOSS: One second.

10 Hopefully by next month we're going to  
11 give you, as part of the monthly package, charts  
12 that look like that track where the value was  
13 created month by month amongst the asset classes.  
14 And then we'll walk you from that directly into  
15 which managers help and which managers didn't help.  
16 So, we'll walk through that every month.

17 So, something like this should be  
18 completely old news by the time you get a quarterly  
19 report. But we'll get off to something that's  
20 simple as a one-pager and get into some real meaty  
21 stuff early in the meeting as we talk about  
22 managers and performance.

23 So, then they'll go directly to the  
24 watch list, which would be pretty obvious, if you  
25 watch these guys not make it every month, then they

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1 go to the watch list and then get rid of them.

2 Anyway, sorry.

3 MR. GANTZ: That's okay.

4 So, the next several pages, starting on  
5 page 11, show the attribution of returns. And  
6 page 11 shows the quarter ending December 31st, and  
7 you will see that both the allocation effect -- the  
8 allocation effect is the effect of being over- or  
9 underweight versus policy and the management  
10 effect. And that's how the actual managers did  
11 versus their individual benchmarks, but both of  
12 those effects were slight negatives for a total  
13 negative of minus 20 basis points. But the overall  
14 return is 3.86 percent.

15 The one-year attribution in the next  
16 page shows negative allocation effect, and that's  
17 mostly from the fixed income overweight during much  
18 of the year when equity returns were quite strong.

19 The negative management effect is mostly  
20 from private equity and real estate, because  
21 private equity is measured on a lag basis. So,  
22 during the year, the Russell 3000 benchmark had a  
23 very strong set of results, but the private equity  
24 managers, of course, were in the midst writing  
25 things down.

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1 But if you turn to the next page on the  
2 three-year number, you will see that the negative  
3 2009 numbers are still down and reversed in the  
4 three-year returns. The same fixed income  
5 overweight that hurt in 2009 helped in 2008, and  
6 private equity and real estate were also ahead in  
7 2008. And in case you're wondering, as I mentioned  
8 before, we're very close to the policy weight,  
9 total equity and fixed income.

10 Page 14 shows the management effect  
11 broken down by asset class. And clearly, the  
12 largest numbers on the page were private equity and  
13 real estate, and this is because the managers --  
14 the funds were writing things down during that time  
15 period. At the same time, that, in the case of  
16 private equity, the benchmark was going up; in the  
17 case of real estate, the real estate benchmark was  
18 not going down as much. And Yvonne will be talking  
19 about that a little bit later.

20 Page 15 shows how Teachers ranks versus  
21 other large public funds. And the number on the  
22 left -- numbers on the left show that Teachers was  
23 in the top quartile for the December quarter and in  
24 22nd percentile for the year, and that's towards  
25 the middle of the page. TRS was in the

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1 25th percentile just inside the top quartile.

2 The following page shows results for the  
3 annualized periods ending December 31st. So,  
4 you'll see that the -- during most of those time  
5 periods, the Teachers' results were near the  
6 median. Generally speaking, the results are  
7 strongly driven by the effects of U.S. Equity. And  
8 over time, we are diversifying away into other  
9 asset classes.

10 So, the equity analysis starts on  
11 page 18, and the pie chart shows the total equity  
12 allocation. And, of course, the largest slice of  
13 that pie is in red, and it's the U.S. Equity  
14 allocation at 63.9 percent. That represented  
15 \$24.1 billion or, like I said, total equity is at  
16 68 percent of the fund.

17 So, if you want to see how the  
18 individual sectors did, turn to the next page on  
19 page 19. And the pie chart, again, is dominated by  
20 the passive results. The other color or the  
21 smaller slices are the active managers. And the  
22 only active managers that we have here in this  
23 program would be from the emerging manager or  
24 managers and the developing managers. But you'll  
25 see, the good news is in the difference column; all

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1 of the sectors outperformed during the quarter.

2 Page 20 shows small cap returns, this is  
3 \$126 million, and this represents the developing  
4 managers. The small cap and large cap allocations  
5 represent the developing managers. Small cap  
6 returns were very strong on an absolute and  
7 relative basis, returning more than 25 percent for  
8 the fiscal year-to-date, and they were ahead of the  
9 benchmark as well, the benchmark being the  
10 Russell 2000.

11 Large cap results are somewhat similar,  
12 except for the fiscal year-to-date, they were  
13 2 basis points behind the benchmark. But on an  
14 absolute basis, the returns were quite strong. And  
15 on quarterly basis, they were strong and beat the  
16 benchmark as well.

17 MR. KATZ: Martin, these are gross of  
18 fees?

19 MR. GANTZ: These are gross of fees.

20 Page 22 shows the emerging managers,  
21 which are the manager of managers, and that's -- we  
22 show the quarter and the year, and those numbers  
23 have been good. The quarter 5.96 percent and the  
24 year was 29.70 percent; that is 136 basis points  
25 ahead of the benchmark. The two-year number,

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1 however, was behind the benchmark.

2 The single largest area of your  
3 portfolio belongs to the passive managers in the  
4 Russell 3000 space, and that's shown on page 23.  
5 This represents 41 percent of the total fund, or  
6 \$14.6 billion. And as expected, the managers track  
7 the benchmark very closely. The results are strong  
8 for the quarter and the year. You'll see that the  
9 results are right on top of the benchmark for all  
10 of the periods shown.

11 Page 24 shows the total domestic equity.  
12 And, of course, since the passive results are over  
13 90 percent of total equity, those dominate these  
14 returns. So, this slide looks very much like the  
15 other slide where the returns are on top of the  
16 benchmark.

17 And then we have the opportunistic  
18 equity slide, which is on page 25, and this  
19 represents the environmental sustainable and  
20 activist strategies. And the managers trail the  
21 MSCI World benchmark for the quarter and for the  
22 12-month period. But on an absolute basis, the  
23 managers return 28.72 percent for the year.

24 So the non-U.S. Equity discussion starts  
25 on page 26, and all of your managers are



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1 actively -- or all of your managers employ active  
2 strategy. And you'll see on this pie chart on the  
3 bottom that the EAFE-developed market managers are  
4 diversified among value, growth and core styles.

5 The returns are on page 27, and you will  
6 see that, for the quarter, the managers were behind  
7 by 17 basis points for the quarter, but then were  
8 ahead for the year by 82 basis points, returning  
9 32.60 percent. And they were also ahead for all of  
10 the longer time periods, as well. The negative  
11 2008 results obviously impact the long-term results  
12 that you see there.

13 And the last page on the equity analysis  
14 would be page 28. This is the REIT managers. The  
15 REIT managers saw very strong absolute returns and  
16 they beat the benchmark, 9.24 percent versus 9.01  
17 for the quarter. But for the fiscal year to date,  
18 they were behind. The 12-month period and all the  
19 other longer term periods, the managers were ahead  
20 in the program have added a value of longer time  
21 periods, and for the year, they were ahead by 185  
22 basis points returning 30.86 percent.

23 Since the inception, they have returned  
24 10.44 percent versus 8.98 percent for the  
25 benchmarks. So, as we discussed last month, this

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1 is a program that's done quite nicely. Fixed  
2 income starts on page 30 and we start with the pie  
3 chart of weighing your fixed income assets are  
4 allocated on an actual basis and the largest slice  
5 of the pie belongs to core plus 5 investment grade  
6 structured program at 55 percent of the pie. High  
7 yield was at 19 percent and the fixed income assets  
8 were \$11.2 trillion or about 32 percent of the  
9 fund.

10 Getting to a little bit more detail on  
11 the Core+5 program on page 31 and the December  
12 quarter was the first full quarter of performance  
13 for the new Core+5 managers. You will recall the  
14 combined sectors into one sector, that's why we  
15 have three slices instead of four, and that's our  
16 renamed credit sector. And the largest sector  
17 continues to be the mortgage sector at 49 percent.

18 The table on the bottom of the page  
19 shows that we were underweight. Treasuries in  
20 overweight mortgages and credit just turns out to  
21 be something that's added to performance because  
22 treasuries were just about the only public market  
23 asset class in the quarter that declined as  
24 investors look for more risky assets and risk  
25 returns to the market. The really good news here

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1 is that if you look under the Difference column,  
2 each of the three sectors beat the benchmark for  
3 the quarter. So, it was a good quarter and a good  
4 year for Core+5.

5 Page 32 shows the returns versus the  
6 benchmark, and the benchmark was flat primarily  
7 because treasuries were negative versus the  
8 positive returns in the credit sectors. There was  
9 an added 59 basis points for the quarter and added  
10 226 basis points for the 12 months returning  
11 8.54 percent. That, of course, reverses out the  
12 negative returns that we saw in 2008. And so, for  
13 the three- and five-year numbers, you still see  
14 negative returns, but 10- and 15-year numbers are  
15 back to benchmark levels.

16 On page 33, we see TIPS returns, and  
17 managers were ahead of the benchmark by 8 basis  
18 points returning 1.84 percent. You'll see they  
19 were behind for the year while it has strong  
20 absolute return at 10.14 percent. There was a  
21 pricing anomaly on December 31st, 2008. And to  
22 show that, you will see the three- and four-year  
23 numbers. Managers were ahead by about 20 basis  
24 points. When we get to December 31st, that pricing  
25 anomaly disappears. It reverses out and the

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1 managers are comfortably ahead for the periods.

2 Page 34 shows the Enhanced Yield  
3 returns. And as I mentioned in my opening  
4 comments, this is where the really strong returns  
5 were. And the managers beat the primary benchmark  
6 for the quarter 4.78 percent versus 4.68 percent.  
7 And for the year, it returned 38.75 percent  
8 trailing the benchmark 162 basis points, but the  
9 results were very strong on the absolute basis.

10 And on the longer term results, you will  
11 see in three years, the managers beat by 325 basis  
12 points and they were ahead for the other periods as  
13 well. Effectively, what happened here is Triple Cs  
14 led the rally, the lowest quality. Now, Triple Cs  
15 are not in the benchmark, but managers are allowed  
16 to own them. And one manager, McKay Shields, has  
17 Triple Cs in their benchmark. So, they  
18 underperformed on that basis.

19 Managers are generally defensive through  
20 most of the period, and as returns normalized, you  
21 will not going to see 40 percent returns every year  
22 in high heels. This is a simple snap back from the  
23 extreme levels that we saw before. We expect that  
24 the differentials would be more muted.

25 ACTING CHAIRPERSON AARONSON: Could you

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1 refresh my recollection on the difference between  
2 the BBD index and the BBD capped index?

3 MR. GANTZ: Sure. About three years  
4 ago, we added a secondary benchmark, the Citigroup,  
5 double B, single B capped index. The difference is  
6 that the uncapped index or the standard benchmark  
7 keeps securities in there at whatever weight they  
8 are.

9 And in 2005, if you recall, Ford and  
10 General Motors was downgraded into high yield land.  
11 Ford and General Motors, at the time, comprise  
12 16 percent of the benchmark. The managers, basic  
13 risk control, would indicate that they would never  
14 own 15 percent of these issues. And quite frankly,  
15 they owned barely anything of those issues at the  
16 time. Because -- well, the universe -- we want to  
17 represent what the entire universe is, which is  
18 double B, single D index.

19 We also wanted to show you what the  
20 reality is at how the managers invest. And there  
21 is a benchmark for Citigroup double B capped index  
22 that cap is at issue at 2 percent. Our managers  
23 are generally not going to own more than 2 percent  
24 of risk purposes. And so, if a particular issue  
25 goes up to 7, 8, 9, 10 percent, that will show up

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1 in the standard benchmark, but managers will not  
2 own that.

3 So, in an event such as in 2005, when  
4 autos returned 24 percent of the year and 15  
5 percent of the benchmark, our managers  
6 significantly underperformed. So, we introduce  
7 this benchmark that show that while they  
8 underperform because of that reason versus the  
9 capped benchmark, they actually outperformed. That  
10 underperformance reversed out as autos got hurt in  
11 the following years.

12 So, over time, the benchmark should  
13 converge in any one particular year. When you have  
14 a particularly volatile year, you may find big  
15 differences. And so, we show the capped index as a  
16 reflection of what the managers really do. And  
17 that's why we added it.

18 MR. SCHLOSS: That aside, we're going to  
19 do a complete review of all the benchmarks. One of  
20 the other pension funds asked about them. And so,  
21 we'll do a complete review in rationalizations in  
22 where they are. It might have been corrected in  
23 sort of old benchmarks and the answer might be --  
24 well, that worked five years ago, but it's not  
25 right anymore.

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1           So, we'll come back to the complete top  
2 to bottom based on what you have and all the right  
3 benchmarks. If not right, we'll come back if they  
4 look at that one if there should be changes. It's  
5 overly sophisticated, but gets a wrong answer.

6           ACTING CHAIRPERSON AARONSON: We're not  
7 going to change benchmarks because of the fact that  
8 our funds --

9           (Laughter.)

10          MR. SCHLOSS: Benchmarks are supposed to  
11 help you, but it can be useful.

12          MR. GANTZ: So, convertible bond  
13 returns, as shown on page 35 -- and the convertible  
14 bond management has a strong absolute return, but  
15 they did trail the benchmark for the quarter. They  
16 returned 5.23 percent. That was 35 basis points  
17 behind their primary benchmark. And for the year,  
18 they returned 34.16 percent, and that was  
19 significantly behind the primary benchmark of  
20 47 percent.

21          The reason generally here is the  
22 managers are defensive. Unlike our high yield  
23 benchmark, this benchmark contains Triple Cs in the  
24 benchmark. And so, Triple Cs, as I described to in  
25 the high yield universe, doubled their price. In

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1 convertible bond land, they more than doubled their  
2 price, because in convertible bonds, not only can  
3 you can get the spread, but you can actually get  
4 price increases because the underlying stock price  
5 increase. The managers have been somewhat more  
6 defensive and we would -- this is not surprising  
7 and we would expect this to happen.

8          If you recall, in 2008, when the returns  
9 were significantly negative, the managers  
10 outperformed significantly the benchmark. We will  
11 see that in the watch list going forward, but in  
12 public session here, I just want to note that the  
13 managers were more defensive and we would expect  
14 that they would be going forward. And finally, on  
15 page 36, we show the target returns which were  
16 ahead for each of the period shown and -- is Kathy  
17 Martino here?

18          THE SPEAKER: No.

19          MR. GANTZ: Kali is here, and she's  
20 going to take you through more detailed analysis of  
21 the target.

22          MS. NDOYE: Kathy is not feeling well  
23 today, that's Kathy Martino. So, we are rather  
24 pleased about the performance of the target  
25 investments -- target investment whether the

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1 economic price as well because we had no trouble  
2 such as subprime loans. Most of your investments  
3 are largest and will take you in your biggest  
4 investments. It's in the HIT hit and CPC. Also  
5 what contributed to the performance is that CPC  
6 average coupon is 6.27, where today's coupon  
7 average 5.5 and under. If you can turn to page 7  
8 in your package. We are looking at TPAR.

9 MR. SCHLOSS: I want a different  
10 package.

11 (Discussion off the record.)

12 MR. SCHLOSS: Page 7. And looking at  
13 TPAR of this quarter, it shows 9.5 million rate  
14 locked in Bronx, Manhattan in Brooklyn. Also the  
15 purchase for this quarter totalled \$5.7 million  
16 primarily in Brooklyn, Manhattan, Bronx and Queens.  
17 And if you look at the historical performance below  
18 the graph on the left, the historical investments  
19 of -- mostly in Manhattan were actually all the  
20 boroughs.

21 But in Brooklyn, you had  
22 30 some-million, 30.6 million; Manhattan, 22.0;  
23 Bronx, 22.9; and Queens, 19.9. And the graph on  
24 the right shows you're committed for the five  
25 boroughs. Brooklyn has the most activity and CPC

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1 is the most active in this space.

2 The next page is the AFL-CIO HIT. The  
3 AFL-CIO HIT is continuing the investment in  
4 New York City. This quarter, we saw 80 million  
5 investment in New York, \$16 million in multifamily  
6 and the remaining in single family. And in Phase 2  
7 of the New York City community investment  
8 initiative, 862 loans have been made to TRS  
9 members, and that's showed on the chart on the  
10 right, mostly in Brooklyn and Queens.

11 ACTING CHAIRPERSON AARONSON: Kali, how  
12 do the members find out about the availability of  
13 these loans?

14 MS. NDOYE: It's outreach from the HIT,  
15 outreach for the unions that have an outreach  
16 program.

17 The next page -- this is a new  
18 initiative since third quarter of 2009. This the  
19 Workforce Housing Initiative. And this actually  
20 was initiated third quarter of 2008, and since we  
21 have \$22 million invested in the preservation of  
22 multifamily, Mitchell-Lama houses, primary  
23 Mitchell-Lama projects, there's no change in the  
24 space since the last quarter. But we do have a \$22  
25 million investment.

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1           The next chart is the CPT revolver and  
2 Teachers is one of about 70 participants in this  
3 space. And the revolver continues to be active in  
4 construction lending and funding in affordable  
5 housing and in a retail and low and moderate areas.  
6 And currently, most of the revolver activity is in  
7 Brooklyn. It's in the chart on the bottom.

8           The next chart is access capital. And  
9 technically, this has been actively managed  
10 portfolio by buy-and-hold strategy and does not  
11 allow change since the last quarter reporting. But  
12 this manager was just awarded \$100 million  
13 allocation across the systems. And so, you will  
14 see no activity to report on the next quarter.

15           The last page of performance breakdown  
16 by manager and, as Martin mentioned, we  
17 outperformed our benchmark every sector in  
18 one year, sector by 252 basis points, 52 basis  
19 points and the five-year by 61 continued by 34.  
20 Again, we are quite proud of the work that happens  
21 in the retail space.

22           MS. ROMAIN: I think this is where we  
23 should put all our money in real estate. I really  
24 truly believe that.

25           MS. NDOYE: Any questions?

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1           MR. SCHLOSS: If that's been the  
2 introduction, we should go to real estate.  
3 (Laughter.)

4           MS. MARCH: By the way, thank you and  
5 welcome to the Teachers' Retirement System.

6           MS. NDOYE: Thank you very much.

7           MS. NELSON: Real estate is long term.

8           (Laughter.)

9           Start on page 16 of the board book. And  
10 as Martin mentioned that they were talking about  
11 the benchmarks and the performances, I'm going to  
12 start by focusing on the quarterly performance and  
13 take us directly into the conversation about that  
14 benchmark.

15           So, for the third quarter of 2009, the  
16 NPI, the benchmark, as Martin indicated, delivered  
17 a return of negative 3.3 while the Teachers'  
18 Retirement System delivered a return of negative  
19 7.9 on gross basis. And then after fees from the  
20 manager, the quarterly result was negative 8.3.

21           So, the NPI has been in use in the real  
22 estate industry for private real estate since late  
23 '80s. It is the best index that's available.  
24 There are other options, as Larry mentioned.  
25 There's going to be a wholesale review of that, but

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1 just to focus on real estate.

2 The NPI index is an index that comprises  
3 100 percent of core properties -- that strategy,  
4 low-risk strategy, where the properties are  
5 substantially leased. Most institutional investors  
6 in real estate have a combination of real estate  
7 investments in their portfolio that reflect  
8 different strategies. And so, some decide to use  
9 the NPI knowing that their portfolio is a mixture  
10 of core, non-core and other things while others  
11 have developed in private.

12 I would say the key reason for the  
13 disparity in the benchmark today is debt. This  
14 index -- if it's an unleveraged index, there's no  
15 debt on it. The Teacher's portfolio as of this  
16 moment is about 61 percent leverage, and that does  
17 have some influence on the performance that we are  
18 seeing disparity that we are seeing.

19 The other thing is, I mentioned about  
20 the index is comprised of core properties,  
21 100 percent, and our portfolio right now is  
22 predominantly non-core. The other thing that I  
23 would point out is that the index is comprised of  
24 about maybe 6,000 properties reported, and they're  
25 owned by institutions that own the properties

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1 directly.

2 And they also have their own policies  
3 as to when they are going to appraise. And these  
4 properties are typically appraised on a one to  
5 three-year cycle which is much slower than our  
6 portfolio which is exclusively held. But fund  
7 managers who are appraising properties particularly  
8 on the core side sometimes as much as every quarter  
9 in response to what's going on today in terms of  
10 the credit crisis.

11 I just wanted to be able to explain all  
12 of those factors to you so when you look at the  
13 benchmark, you can be mindful of what  
14 characteristics our portfolio has and kind of do  
15 your own plus and minus exercise.

16 So, I'm going to move on to other  
17 aspects of the highlights about the portfolio. The  
18 market value of the portfolio at the third quarter  
19 of 2009 was \$364 million. We have about  
20 \$367 million in commitments that are not yet  
21 funded. And altogether, that comes to  
22 \$731 million.

23 We're about halfway through our real  
24 estate allocation. And in terms of total plan  
25 assets, we are 1.1 percent funded and 2.2 percent

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1 committed, as the trustees have approved the  
2 5 percent allocation to real estate. In terms of  
3 what's going on in the markets, Townsend provided a  
4 commentary in the second paragraph. And they will  
5 be here in executive session because of what it was  
6 and the appropriate time to revisit the asset  
7 class, the markets and your portfolio in  
8 particular.

9 There are some signals, macroeconomic  
10 signals, that a recovery is underway. But  
11 historically, real estate has lagged as much as  
12 24 months behind that. And in this particular  
13 instance, it's going to be kind of difficult to  
14 estimate that because in real estate, it is not  
15 good unemployment numbers.

16 You need a healthy consumer. You need  
17 jobs, quite frankly, for the office space, for our  
18 household formation, for apartments, for  
19 discretionary income for people that had spent at  
20 retail properties and for export and imports. So,  
21 real estate is highly dependent on the health of  
22 the consumer. And we are waiting for those things  
23 to converge.

24 So, the graph at the bottom shows you  
25 the fact that we've had some near-term

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1 underperformance in the portfolio. But yet, for  
2 longer periods, the Teachers' portfolio continues  
3 to outperform.

4 On the next page, on page 17, there is,  
5 at the bottom, net and gross returns for the  
6 Teachers' portfolio. I just want to kind of circle  
7 around the five-year, which is the program  
8 benchmark, a rolling five-year of NPI plus 100.  
9 So, the benchmark of 6.2, you add a 100 basis  
10 points to that. So, the benchmark is 7.2. And as  
11 you will see on a gross basis and on a net basis,  
12 the Teachers' portfolio outperforms that program  
13 benchmark.

14 Moving on to page 18, we take a look at  
15 the portfolio composition which, as of third  
16 quarter of 2009, there was a potential program size  
17 of about \$1.7 billion. As we kind of look into the  
18 next section that talks about trial sector  
19 allocation, pursuant to the annual plans and ideas  
20 that have been approved by the trustees, there's an  
21 allocation to core, a minimum of 40 percent, and an  
22 allocation to non-core, a minimum of 40 percent.

23 That 20 percent bandwidth kind of gives  
24 us some play to respond to what's happening into  
25 the markets and to bring you prudent investments



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1 that are consistent with the plan.

2 In terms of where we are on a funded and  
3 committed basis, we are 30 percent core and we're  
4 about 70 non-core, which would include the emerging  
5 in that. In terms of what we have available to  
6 invest dry powder, that's about \$968 million  
7 between core and non-core. And there is some  
8 activity in the marketplace today for new  
9 opportunities -- they actually are strategies that  
10 can be exploited by investors throughout the cycle,  
11 even in times like these.

12 I saw a recent survey of plan sponsors,  
13 and plan sponsors do believe that they're going to  
14 be deploying money this year. And probably, we'll  
15 look into what areas where strategies are more kind  
16 of income-oriented, something that has more  
17 stability in the income, like core properties or  
18 debt.

19 Moving on to page 19, just want to focus  
20 a little bit on the primary compliance metrics that  
21 we put together in the IPS. In terms of the  
22 portfolio composition, we have talked about the  
23 fact that we're 30 percent core; that's just  
24 underweight to the policy of 40 percent. The  
25 history here, as you may recall, is that we have

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1 shied away from core for many, many years, given  
2 the fact that the pricing was just plain  
3 overheated.

4 Finally, I think things are -- there is  
5 an inflection point there, and we might see some  
6 core opportunities. As you know, there was a core  
7 investment that was made on behalf of the system's  
8 last quarter; we think that that's going to be  
9 likely to continue. People are proceeding ahead  
10 patiently and prudently and definitely focuses on  
11 downside risk protection.

12 In terms of the leverage, you will see  
13 that the leverage is at 61 percent; that is also  
14 above the policy benchmark of 50 percent. I would  
15 point out to you that we have not updated our IPS  
16 since 2005, and the shifts that we made in the  
17 portfolio composition have an impact on what this  
18 benchmark should really be. And you will see  
19 something coming soon with respect to updated IPS  
20 consistent with how we are managing the portfolio  
21 today.

22 Lastly, on page 20, there's  
23 diversification charts, property type and  
24 geography. And I would only point out here on the  
25 upper half of the page to the left, on property

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1 type diversification, we have asked Townsend to  
2 give us a little bit more clarity on what "other"  
3 is. And so, you will see now that there are  
4 categories such as land, condo and others, to kind  
5 of give us a little bit more color to what is in  
6 our portfolio. In Townsend, we will be here in  
7 executive session and we'll make that presentation  
8 to you regarding the markets and their portfolio.

9 Any questions?

10 MR. SCHLOSS: And this is just a  
11 quarterly private equity?

12 MS. CALDAS: Starting on page 24 of your  
13 booklet, in the quarterly would be for private  
14 equities at the third quarter of 2009. I'll start  
15 with performance.

16 As of third quarter, your IRR since  
17 inception is at a 4.4 percent, performing well  
18 against the benchmark, but relatively well with the  
19 Russell 3000 for 500 basis points, 4.7 percent, and  
20 the venture economics median, negative 0.8 percent.

21 Your portfolio is still really young,  
22 with the weighted average here of 3.12 years. Your  
23 policy, if you recall, that 4 percent are right now  
24 your allocation based on fair market value, is at  
25 its allocation percent target at 4.1 percent.

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1 And you will see that further below on  
2 the page that your portfolio is allocated as such.  
3 It's still heavily weighted at corporate finance,  
4 about 70 percent there, 11 percent at venture  
5 capital and 19.4 percent in others. If you recall,  
6 "others" represents mezzanine, secondaries,  
7 fund-to-funds and other types of special  
8 situations.

9 If you turn to page 26, you will see  
10 more highlights. First, I want to point out that  
11 there were no new commitments for the third quarter  
12 of 2009. You'll also want to point out the  
13 appreciation. You'll see at your portfolio, it  
14 appreciated for the quarter at \$75 million; that's  
15 a bigger appreciation from previous quarters, as  
16 you will see there. That's reflective of 51 funds  
17 that had write-downs of \$9.8 million and 69 funds  
18 that had write-ups of \$84.3 million.

19 You'll also see the IRR has come up  
20 slightly over the -- since the first couple of  
21 quarters of 2009 and last quarter of 2008, but it's  
22 still not at the pre, the earlier 2008, 2007  
23 numbers. So, hopefully, as the economy gets better  
24 and your portfolio matures, the IRR is increasing.

25 If you look further below, you'll see

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1 your portfolio summary. Again, you have  
2 \$3.38 billion committed across 125 funds. Of that,  
3 58 percent has been invested at \$1.9 billion. You  
4 will see that your fair market value is  
5 \$1.39 billion and the total exposure to private  
6 equity is \$2.1 billion. Your total value multiple  
7 is 1.089 and, again, your IRR is 4.1 percent.  
8 Any questions?  
9 (Discussion off the record.)

(At this time the meeting went into executive session.)

6 ACTING CHAIRPERSON AARONSON: We're back  
7 in public session.  
8 And during the executive session, the  
9 board discussed matters leading to the appointment  
10 or dismissal of particular vendors providing  
11 investment management in banking services.  
12 During the attorney-client session, the  
13 board discussed matters relating to current  
14 litigation.  
15 (Discussion off the record.)  
16 MR. McTIGUE: During the attorney-client  
17 session, the board heard a presentation from  
18 outside counsel and adopted a recommendation  
19 supported by the Comptroller's Office and the Law  
20 Department, the details of which will be made  
21 public at the appropriate time.  
22 (Discussion off the record.)  
23 ACTING CHAIRPERSON AARONSON: In the  
24 executive session, the board received a report on  
25 proposed policy matters and initiatives.

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1                   We received a report on the quarterly  
2 performance and current fundamentals of the real  
3 estate private equity programs, and current  
4 fundamentals of the real estate private equity  
5 programs.  
6                   The board agreed to two RFPs. Details  
7 will be disclosed when the procurement is formally  
8 initiated.  
9                   The board received an update on a real  
10 estate manager. The board received an update on a  
11 private equity partnership. The board received an  
12 update on a potential vendor procurement.  
13                   Does that cover?  
14                   MR. LARSON: I'm sure it did.  
15                   Motion to adjourn.  
16                   ACTING CHAIRPERSON AARONSON: Any  
17 objections?  
18                   MR. McTIGUE: Second.  
19                   ACTING CHAIRPERSON AARONSON: We are  
20 adjourned.  
21                   (Matter concluded.)  
22                   (Time noted: 2:43 p.m.)  
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C E R T I F I C A T I O N

I, Jeffrey Shapiro, a Shorthand Reporter  
and Notary Public, within and for the State of New  
York, do hereby certify that I reported the proceedings  
in the within-entitled matter, on Thursday, March 4,  
2010, at the offices of the NEW YORK CITY TEACHERS'  
RETIREMENT SYSTEM, 55 Water Street, New York, New York,  
and that this is an accurate transcription of these  
proceedings.

IN WITNESS WHEREOF, I have hereunto set my hand  
this \_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
JEFFREY SHAPIRO