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2	NEW YORK CITY TEACHERS' RETIREMENT SYSTEM
3	INVESTMENT MEETING
4	Held on Thursday, November 5, 2020
5	Via
6	Zoom Videoconference
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8	ATTENDEES:
9	DEBRA PENNY, Chairperson, Trustee, TRS
10	THOMAS BROWN, Trustee, TRS
11	DAVID KAZANSKY, Trustee, TRS
12	JOHN ADLER, Trustee, Mayor's Office
13	CYNTHIA COLLINS, Trustee, Mayor's Office
14	JOHN DORSA, Trustee, Comptroller's Office
15	SUZANNE VICKERS, Trustee, Comptroller's Office
16	NATALIE GREEN GILES, Trustee
17	RUSSELL BUCKLEY, Trustee
18	PHILIP DUKES, Finance
19	PATRICIA REILLY, TRS, Executive Director
20	THADDEUS MCTIGUE, TRS, Deputy Executive Director
21	VALERIE BUDZIK, TRS
22	LIZ SANCHEZ, TRS
23	SUSAN STANG, TRS
24	RON SWINGLE, TRS
25	SANFORD RICH, BERS

- 1 ATTENDEES (Cont'd)
- 2 SHERRY CHAN, Chief Actuary
- 3 STEVE YUAN, Mayor's Office
- 4 SUMANTA RAY, Mayor's Office
- 5 ARISTEA AFTOUSMIS, TRS
- 6 DAVID LEVINE, Groom Law Group
- 7 ISAAC GLOVINSKY, TRS
- 8 ROBIN PELLISH, Rocaton
- 9 EMMA O'BRIEN, Rocaton
- 10 ANAE PETITO
- 11 NISA BIKRAM, Comptroller's Office
- 12 CARA SCHNAPER, Comptroller's Office
- 13 JIMMY YAN, Comptroller's Office
- 14 JOHN MERSEBURG, Comptroller's Office
- 15 DANIEL HAAS, Comptroller's Office
- 16 ROBERT FENG, Comptroller's Office
- 17 RONALD SWINGLE, TRS

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1	PROCEEDINGS
2	(Time noted: 10:00 a.m.)
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4	MS. REILLY: Good morning. Welcome
5	to the November 5, 2020 investment
6	meeting of the Teachers' Retirement
7	Board. I'll start by calling the roll.
8	John Adler?
9	MR. ADLER: Here.
10	MS. REILLY: Thomas Brown?
11	MR. BROWN: Here.
12	MS. REILLY: Natalie Green Giles?
13	MS. GREEN GILES: Here.
14	MS. REILLY: David Kazansky?
15	MR. KAZANSKY: Present.
16	MS. REILLY: Russell Buckley?
17	MR. BUCKLEY: Here.
18	MS. REILLY: Debra Penny?
19	CHAIRPERSON PENNY: Present.
20	MS. REILLY: Susannah Vickers?
21	MS. VICKERS: Present.
22	MS. REILLY: We have a quorum.
23	I'll turn it over to the Chair.
24	CHAIRPERSON PENNY: Good morning.
25	We'll start with the Passport funds,

1	performance review for September 2020.
2	Emma or Robin, who's going to start
3	us off?
4	MS. O'BRIEN: That would be me.
5	Good morning, everyone. Hope you're
6	doing well. We're going to start with
7	the review of the September performance
8	and then we're going to preview what
9	happened in the markets in October.
10	Real quick on markets and what we
11	saw in September. We did see a sell-off
12	in equity markets, still finishing the
13	third quarter in positive territory,
14	which was driven by the strong
15	performance we saw in July and August.
16	The S&P 500 was down 3.8 percent in
17	September, still up 5 1/2 percent year to
18	date. International developed markets
19	down 2.6 percent in September and down
20	about 7 percent year to date. Emerging
21	markets down 1.6 in September and down
22	about 1.1 percent year to date.
23	Over the last several months we've
24	highlighted two major themes that have
25	been happening in the market. Perhaps to

1	the point of sounding like a broken
2	record, in both of these we saw start to
3	reverse in September and that continued
4	in October.
5	So the first was the outperformance
6	of growth over value, which had been led
7	by a few large tech stocks. And the
8	second was continued outperformance of
9	large cap stocks over small cap stocks,
10	again driven by those few large cap tech
11	stocks.
12	As noted, we saw this start to
13	reverse in September. That continued
L 4	through October. The Russell 1000 growth
15	was down 4.7 percent in October versus
16	negative 2.5 percent for value stocks.
17	Growth still outperforming by about 35
18	percent year to date, but starting to
19	slowly see that dispersion close in.
20	The large cap stocks were down about
21	3.7 percent for September versus 3.3 for
22	small cap stocks, large cap stocks
23	outperforming by 15 percent year to date.
24	Within fixed income markets we saw
2.5	spreads tighten across most asset

1	classes, which led to substantial
2	rebounds in non-investment grade asset
3	classes during the third quarter. So
4	core fixed income markets were flat in
5	September, up about, just shy of 7
6	percent year to date. High yield
7	emerging market debt were up about single
8	digits in the third quarter, and
9	continued strong performance from
10	convertibles. These were up 14 percent
11	in the third quarter, and up about 22
12	percent year to date.
13	So, if we think about how that
14	translates to performance for the
15	Passport funds, so we have the September
16	performance report up. Starting with the
17	diversified equity fund, about 15.7
18	billion in assets as of the end of
19	September. The fund was down 3.06
20	percent for September versus a return of
21	negative 3.6 percent for the Russell
22	3000.
23	If we look at the underlying
24	components for that performance, the
25	passive equity composite was in line with

1	the benchmark. The defensive strategies
2	were down 2.23 percent, outperforming the
3	custom benchmark and the Russell 3000 for
4	the period.
5	The outperformance relative to the
6	benchmark was driven by active management
7	within your convertibles managers, as
8	well as within your tactical global
9	allocation managers.
10	Moving on to the active U.S. equity
11	composite. This was down 3 percent in
12	September, versus 3.64 for the Russell
13	3000. The small-cap value bias in the
14	portfolio that we had talked about at the
15	last meeting contributed to the
16	performance relative to the Russell 3000.
17	As I noted, both small cap and value
18	outperformed growth and large cap
19	counterparts during the month, which led
20	to the positive relative performance of
21	about 65 basis points.
22	And then, lastly, the international
23	equity composite, down about 12 1/2 for
24	the month, outperforming by about 70
25	basis points. And we continue to see

1	strong relative performance from your
2	international managers relative to the
3	benchmark on the year to date period.
4	Any questions on the diversified
5	equity fund?
6	(No response.)
7	Great.
8	Moving on to the balanced fund,
9	assets of about \$510 million as of the
10	end of September and in line with the
11	benchmark. As noted, international
12	equity fund, strong relative performance
13	as it's outperforming the benchmark by
14	about 70 basis points in September, and
15	by about 300 basis points year to date.
16	Assets in that fund totalled about \$183
17	million as of the end of September.
18	The sustainable equity fund, \$332
19	million as of September, down 1.7 percent
20	in the month versus the benchmark return
21	of negative 2.2 percent.
22	There's one underlying fund within
23	this fund, Brown Capital, and we had seen
24	some performance challenges in July and
25	August, as the benchmark for this

1	strategy is the Russell 1000 growth,
2	which has been pretty heavily
3	concentrated within a few tech stocks.
4	And as a result the manager was
5	underweight, which had caused them to lag
6	as the stocks had rallied in July and
7	August. We saw the strategy rebound in
8	September as there was a sell-off within
9	these particular stocks.
10	And then finally, the U.S. equity
11	index fund, international equity index
12	fund, total assets of \$28 million and \$4
13	million as of the end of September
14	respectively. There were two large cap
15	slows that occurred in late September in
16	both of these funds, which has led to
17	some tracking at the total fund level.
18	But if we look at the individual index
19	fund performance, they are tracking their
20	benchmarks.
21	Any questions on September
22	performance?
23	(No response.)
24	So, if you pull up the other
25	attachment we had sent on Monday, the

1	October benchmark report, I'll highlight
2	what's happened in markets in October and
3	some of the preliminary performance
4	numbers that we included.
5	October was an interesting month in
6	that in the first half we generally saw a
7	positive performance from equity markets.
8	And then we saw a sharp sell-off in the
9	second half of October. As we saw rising
10	Covid cases, hospitalization rates
11	increased, and we saw a statement of some
12	national lock-downs within Europe.
13	In the last week of October in
14	particular the S&P 500 had its worst week
15	since March, despite the fact that we saw
16	strong earnings come in and we also had
17	some modest positive economic results;
18	notably third quarter GDP had grown at an
19	annualized rate of about 33 percent,
20	which was above consensus expectations,
21	and was actually the best quarterly rise
22	since World War II.
23	U.S. equity markets, the S&P 500
24	down 2.7 percent in October, still up 2.8
25	percent year to date. We saw the

1	continued sell-off of growth stocks in
2	October. The Russell 1000 growth was
3	down 3.4 percent versus negative 1.3
4	percent for the Russell 1000 value.
5	Small cap continued to outperform
6	large cap. Small cap stocks were up 2
7	percent for the period. Large cap stocks
8	were down 2.4 percent for the period.
9	International equity markets lagged
10	U.S. markets due to some of the more
11	serious Covid concerns that we saw
12	spiking cases overseas. France and the
13	U.K. announced that they were going under
14	strict lock-downs. And as a result, we
15	saw international developed markets fall
16	by about 4 percent in October. And these
17	are down 10 1/2 percent year to date.
18	Emerging equities outperformed U.S.
19	markets and international developed
20	markets. Largely driven by Asia
21	performance, emerging markets were up
22	about 2 percent in October and they are
23	positive 1.2 percent year to date.
24	Lastly, fixed income markets
2.5	delivered relatively flat returns as we

1	saw yields increase. So, Core fixed
2	income down about 50 basis points for the
3	month of October. Non-Core investment
4	grade markets provided modestly better
5	performance as credit spreads tightened,
6	which offset some of the increase in
7	yields.
8	If we look at how that translates to
9	performance for the benchmarks within the
10	portfolio, the diversified equity fund,
11	the Russell 3000 was down 2.16 during the
12	month of October, and the hybrid
13	benchmark we developed was down 2.18
14	percent for the period.
15	The balanced fund fell by 70 basis
16	points. The international composite
17	benchmark down about 2 1/2 percent.
18	Notably, as I mentioned, continued strong
19	performance from Brown due to the fact
20	they're underweight to the large tech
21	stocks, down 60 basis points using the
22	mutual fund as the proxy for the month of
23	October versus the benchmark return of
24	negative 3.4 percent.
25	And then lastly, for the two index

1	funds, using the mutual funds as proxies,
2	these were down 2.13 percent and 2.29
3	percent, tracking their benchmarks for
4	the period.
5	Any questions?
6	(No response.)
7	CHAIRPERSON PENNY: Thank you so
8	much, Emma. That was great.
9	Do we have anything else for the
10	public agenda?
11	MS. PELLISH: Can I mention one
12	thing? I wanted to follow-up on the
13	recent discussion we had about active
14	U.S. equity. We had a discussion about
15	performance of active U.S. equity in
16	general and within Variable A
17	specifically. And there was a fair
18	amount of data presented that showed the
19	challenges that active U.S. equity has
20	had over the past decade, really.
21	And we thought it might be, before
22	the Board comes to a final decision, we
23	thought it might be of interest to the
24	Board to hear some arguments that might
25	support active equity and the opportunity

1	to add value going forward, based on a
2	variety of perhaps potentially changing
3	characteristics of the U.S. equity
4	market, including greater dispersion of
5	stock returns, et cetera.
6	So, we would like to propose
7	bringing in a speaker next month at the
8	investment meeting, to talk about active
9	equity management within the U.S. equity
10	market for the Board's consideration,
11	prior to a final decision on this matter.
12	CHAIRPERSON PENNY: That would be
13	great.
14	MS. GREEN GILES: Absolutely, that
15	would be great.
16	What is our time frame for
17	decision-making? Do we know?
18	MS. PELLISH: It's at the Board's
19	pleasure, of course. I think this is
20	really the final piece we had prepared,
21	expected to present to the Board. And
22	following that, I think it's a matter of
23	discussion by the Board and determination
24	of how you would like to proceed.
25	CHAIRPERSON PENNY: So at least

1	we'll hear from them next month. Sounds
2	good.
3	MS. PELLISH: Great.
4	CHAIRPERSON PENNY: Do I hear a
5	motion to move into executive session?
6	MR. BROWN: So moved.
7	CHAIRPERSON PENNY: A second?
8	MR. ADLER: Second.
9	CHAIRPERSON PENNY: Thank you.
10	All in favor of the motion please
11	say "Aye."
12	(A chorus of "Ayes.")
13	All opposed?
14	(No response.)
15	We're moving into executive session.
16	(Discussion off the record.)
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12	CHAIRPERSON PENNY: Great.
13	So then, do I have a motion to come
14	out of executive session and go into
15	public session?
16	MR. BROWN: So moved.
17	CHAIRPERSON PENNY: A second?
18	MS. VICKERS: Second.
19	CHAIRPERSON PENNY: Thank you.
20	All in favor of the please say
21	"Aye."
22	(A chorus of "Ayes.")
23	Any opposed?
24	(No response.)
25	(Discussion off the record.)
1	(Whereupon, the Board returned to
2	<pre>public session. )</pre>
3	CHAIRPERSON PENNY: We are back in
4	public session.
5	Susan, would you like to report out?
6	MS. STANG: Certainly.
7	In executive session we received
8	presentations from two vendors, and two
9	short manager updates.
10	CHAIRPERSON PENNY: Thank you,
11	Susan.

12	I think we're ready to adjourn.
13	Do I have a motion to adjourn?
14	MR. KAZANSKY: So moved.
15	CHAIRPERSON PENNY: A second?
16	MS. VICKERS: Second.
17	CHAIRPERSON PENNY: All in favor of
18	adjourning please say "Aye."
19	(A chorus of "Ayes.")
20	Any opposed?
21	(No response.)
22	We stand adjourned.
23	(Whereupon, at 12:42 p.m. the
24	meeting was concluded.)
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1	CERTIFICATION
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3	I, Jeffrey Shapiro, a Shorthand
4	Reporter and Notary Public, within and for the
5	State of New York, do hereby certify that I
6	reported the proceedings in the within-entitled
7	matter, on Thursday, November 5, 2020, and that
8	this is an accurate transcription of these
9	proceedings.
10	IN WITNESS WHEREOF, I have hereunto
11	set my hand this 6th day of November, 2020.
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17	JEFFREY SHAPIRO
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