COMMONWEALTH OF MASSACHUSETTS PENSION RESERVES INVESTMENT MANAGEMENT BOARD

Minutes of the Board Meeting Tuesday, August 17, 2021 commencing at 9:30 a.m.

(CONDUCTED REMOTELY)

PRIM Board Offices 84 State Street Boston, Massachusetts

ATTENDEES

(Via Zoom)

Board Members

- · Treasurer Deborah B. Goldberg, Chair
- · Robert L. Brousseau
- · Ruth Ellen Fitch
- · James B.G. Hearty
- Theresa F. McGoldrick, Esq.
- · Peter Monaco
- · Dennis J. Naughton
- · Paul E. Shanley, Esq.

Other Attendees:

- · Anthony Falzone
- · Alyssa Fiore
- Maria Garrahan
- · David Gurtz
- · Eleni Klempner
- · Joseph Kamotho
- \cdot Mini Kouame
- Emily Kowtoniuk
- · Chuck LaPosta
- · Jay Leu
- Bill Li
- · Christina Marcarelli
- · Michael McGirr
- · Eric Nierenberg
- · Tim Schlitzer
- · Michael Trotsky

1	PROCEEDINGS
2	A meeting of the Pension Reserves
3	Investment Management Board (PRIM Board) was held
4	remotely on August 17, 2021. The meeting was
5	called to order and convened at 9:30 a.m.
6	Treasurer and Receiver-General Deborah Goldberg
7	chaired the meeting.
8	TREASURER GOLDBERG: Good morning,
9	everyone. This meeting will be held by Internet
10	and telephone in accordance with the provisions of
11	an act extending certain COVID-19 measures adopted
12	during the state of emergency, which was signed
13	into law on June 16, 2021.
14	This act includes an extension until
15	April 1, 2022 of the remote meeting provisions of
16	the March 12, 2020 Executive Order that allows
17	remote participation by all members of a public
18	body and suspends the requirement that a quorum
19	and the chair be physically present, provided that
20	the public has access to the meeting through
21	technology that enables the public to clearly
22	follow the proceedings while they are occurring.
23	Accordingly, all members of this board
24	will participate today remotely via telephone and/

or Internet-enabled audio and videoconferencing,
and all votes in today's meeting will be taken by
roll call. Public access to the deliberations of
the meeting today will likewise be provided via
telephone with all documents referenced at the
meeting available to be viewed on PRIM's website,
www.mapension.com.

8 All persons speaking at today's meeting 9 are asked first to identify themselves. And the 10 Open Meeting Law requires anyone wishing to record 11 a meeting to first notify the chair so that the 12 chair can inform the other attendees.

So accordingly, I am informing you all
that the stenographer, Virginia Dodge from
Lexitas, is transcribing and also recording this
meeting.

17 If anyone else does intend to record
18 today's meeting, please first notify Steffanny
19 Rosario by email at srosario@mapension.com.

20Tony, have you heard from anyone else21about recording the meeting today?

MR. FALZONE: I have not. Thank you.
 TREASURER GOLDBERG: Additionally, the
 Attorney General's guidance on holding remote

1 meetings reads as follows: At the start of the 2 meeting, the chair must announce the name of the 3 member or members who are participating remotely. 4 I will now announce the names of all 5 PRIM Board members who are participating in 6 today's meeting. 7 Bob Brousseau, Ruth Ellen Fitch, Jim 8 Hearty, Theresa McGoldrick, Dennis Naughton, 9 Carly --10 Is Carly here? 11 MR. FALZONE: Carly is unable to make 12 it. TREASURER GOLDBERG: Ah, okay. 13 14 And Paul Shanley. 15 And you will notify me when Peter Monaco 16 arrives. 17 And oh, by the way, I'm Deb Goldberg. 18 Forgot to announce myself. 19 So with that, we will have the first 20 motion, which is I would seek approval of the PRIM 21 Board meeting minutes, that the Prim Board 22 approves the minutes of the May 26, 2021 meeting 23 attached as Appendix A of the expanded agenda, and 24 further to authorize the executive director to

take all actions necessary to effectuate this 1 2 vote. Is there a motion? 3 4 MR. SHANLEY: So moved. 5 TREASURER GOLDBERG: Is there a second? MS. McGOLDRICK: Second. 6 7 TREASURER GOLDBERG: By the way, I saw a 8 phone pop in. 9 Peter Monaco, is that you? MR. MONACO: It is. Good morning, Madam 10 11 Treasurer. 12 TREASURER GOLDBERG: Perfect. Your 13 timing is exquisite. You're bright, ready and 14 willing and able for a vote. So we have a motion, 15 and we have a second. I'm going to take you out of order and have you vote first. 16 17 MR. MONACO: Yes. 18 TREASURER GOLDBERG: Bob? 19 Did we lose Bob Brousseau? 20 MR. FALZONE: He's on mute. 21 TREASURER GOLDBERG: All right. We'll 22 come back to you, Bob. 23 Jim? 24 MR. HEARTY: Yes.

1	TREASURER GOLDBERG: Ruth Ellen?
2	Ruth Ellen?
3	MR. FALZONE: You're on mute too.
4	MS. FITCH: There it is. Yes. Sorry.
5	TREASURER GOLDBERG: Okay. Maybe I
6	should start the whole thing all over again.
7	All right. We've got Ruth Ellen, and
8	we've got Jim.
9	Theresa?
10	MS. McGOLDRICK: Yes.
11	TREASURER GOLDBERG: We already had
12	Peter.
13	Dennis?
14	MR. NAUGHTON: Yes.
15	TREASURER GOLDBERG: Paul?
15 16	TREASURER GOLDBERG: Paul? MR. SHANLEY: Yes.
16	MR. SHANLEY: Yes.
16 17	MR. SHANLEY: Yes. TREASURER GOLDBERG: Bob, we're coming
16 17 18	MR. SHANLEY: Yes. TREASURER GOLDBERG: Bob, we're coming back to you. Are you there?
16 17 18 19	MR. SHANLEY: Yes. TREASURER GOLDBERG: Bob, we're coming back to you. Are you there? MR. BROUSSEAU: Yes.
16 17 18 19 20	MR. SHANLEY: Yes. TREASURER GOLDBERG: Bob, we're coming back to you. Are you there? MR. BROUSSEAU: Yes. TREASURER GOLDBERG: Thank you.
16 17 18 19 20 21	MR. SHANLEY: Yes. TREASURER GOLDBERG: Bob, we're coming back to you. Are you there? MR. BROUSSEAU: Yes. TREASURER GOLDBERG: Thank you. And myself, yes. The motion carries.

1 Take it away, Michael. 2 MR. TROTSKY: Good morning, everyone. 3 Good morning, Treasurer. Thank you. 4 It's great to see everybody, and I hope 5 you're having a great summer so far and staying 6 safe. 7 We do have several guests on the line 8 today with us, including several clients, so we 9 want to welcome you all to the meeting. We also 10 want to remind all those speaking today that it is 11 now very typical in this remote environment that 12 the press records the proceedings. Sometimes they 13 show up late too. So they may be coming on. And 14 that of course allows verbatim quotes to be 15 included in their reporting. 16 So please keep that in mind as you 17 speak. Thank you very much. 18 Well, you've all heard this, but for the 19 benefit of our other guests who may not have 20 heard, the big news of this cycle is really that 21 the PRIT Fund recorded its best fiscal year in 22 PRIM's entire history with a return of 30 percent. 23 That's 29.5 percent, net of all fees. And also 24 its largest outperformance ever of 8.9 percent,

net, above benchmark. Almost 9 percent, we beat
 the benchmark by.

The total return surpassed the previous 3 high in 1986, the year that the fund was first 4 established, the PRIT Fund, when the fund returned 5 25.6 percent. So a big outperformance over that 6 year a long, long time ago. 7 The outperformance of 9 percent above 8 benchmark surpassed the previous high in the year 9 2000, when the fund outperformed by 5.9 percent. 10 And of course this return equates to a net 11 investment gain of an incredible \$22.1 billion for 12 one year, for the fiscal year, and that's 13 \$6.7 billion above a benchmark return. 14 Assets under management were also a 15 record at \$95.7 billion, while outflows to pay 16 pension benefits were approximately \$1.2 billion, 17 which is fairly typical. 18 We're very pleased with the strong one-19 year performance, but even more pleased that over 20 longer periods of time, through strong markets 21 like we've just had and enjoyed and through market 22 corrections, the PRIT Fund has proven to be very 23

high-performing, it's resilient, and it's very,

1 very cost-effective.

The PRIT Fund's trailing 3-, 5- and 10-year returns remain strong and consistently above benchmarks and also above the required actuarial rate of return, which is now 7 percent for the state and for the teachers.

7 Much of the success can be attributed to 8 our individual asset class teams, who are very 9 disciplined and focused on identifying the most 10 profitable sectors and the most skillful managers. 11 We also believe our innovative and acclaimed work 12 over the last 10 years to develop our own 13 proprietary and statistically driven tools for 14 asset allocation and also manager selection, those 15 tools, those techniques, are paying off. We've 16 successfully engineered a portfolio that performs 17 well in really a variety of market conditions, and 18 we're proud of that.

19 Remember, one of PRIM's principal 20 investment beliefs, probably our core belief, is 21 that all investment programs must -- must -- be 22 evaluated on three equal important parameters, and 23 those parameters are return, risk and cost. And 24 while we are delighted with the record return of

fiscal 2021, we're equally pleased that risk was
well-controlled and our costs remain very, very
low. This was in a period when by design we
invested more of the fund in higher performing,
but higher cost private investments.

Now, in strong markets, investors often become more focused on return and less focused on risk and cost. But I can assure you that we are all still as focused as ever on risk and cost here at PRIM. In fact, for fiscal year 2021, the riskadjusted returns were at a multi-year high, while costs were at a multi-year low.

And we measure this. Remember, there's an old saying: What gets measured gets managed. And last year, the PRIT Fund's Sharpe ratio was an astounding 4.05, and total costs, all-in costs, including everything, were 51 basis points, a half a percent.

As a reminder, a Sharpe ratio of over one is generally considered acceptable to most investors, and larger is better. 4.05 is astounding really. And 51 basis points cost, all-in, is very low for any portfolio, let alone for a portfolio that is approximately 35 percent -- 35 percent -- high-performing private assets like
 private equity, private debt, real estate and
 timberland.

Project SAVE initiatives now total
\$250 million annually. And importantly, we
learned last week that our returns are at the very
top of our peer group, even while we believe that
the risk of the PRIT Fund is near the bottom. And
costs remain low and well-controlled.

10 So in short, the PRIT Fund is high 11 return, lower risk than most, less volatile and 12 very, very low cost. And we believe this is an 13 indication that our manager selection, our asset 14 allocation and diversification techniques and 15 tools have been working as expected since they 16 were designed and implemented several years ago. 17 It also indicates the success of our maniacal 18 focus on controlling costs.

Operationally, we had a very productive
year. We researched and deployed more than
\$4.4 billion in new investments. In one year,
\$4.4 billion. We hired and on-boarded seven new
full-time employees -- seven new full-time
employees -- even while we struggled with the

COVID pandemic. We promoted five of our highest performing rising stars. We hired 13 interns last
 year.

4 And we launched several new initiatives, 5 including a groundbreaking agreement with the MIT 6 Sloan School designed to improve ESG investing, 7 and of course the program called the FUTURE 8 Initiative, which is designed to implement the 9 newly created Investment Equity Law, the law 10 created and championed by the Treasurer and her 11 staff, which was signed into law only in January 12 of this year.

13 The new law will help PRIM create an 14 enhanced pathway for diverse investment managers 15 and vendors to compete successfully for our 16 contracts, with the ultimate goal of achieving at 17 least 20 percent diversity in PRIM's vendor base. 18 But to recap our progress on this front, 19 let me first say that while there is always room 20 to improve, we're very, very proud of our 21 diversity and inclusion results to date, both in 22 regard to internal staff and external contracts Last fiscal year, PRIM placed 1.2 billion 23 too.

24 with diverse investment management firms and now

1 has more than \$6 billion in assets deployed.

2 With an affirmative board vote later 3 today, we'll add another billion dollar mandate to 4 this program. And prior to that, PRIM ranked 5 sixth in the nation in funds invested with diverse 6 managers -- sixth -- according to a recent *Pension* 7 and Investments survey. And that compares us to 8 plans that are far larger than us too. 9 Internally, 64 percent of PRIM's 10 workforce is diverse in regard to gender, race or 11 49 percent of PRIM's workforce is female. both. 12 38 percent of PRIM's senior management is diverse 13 in regard to gender, race or both. And 33 percent 14 of PRIM's senior management is female. 15 Importantly, we continue to enhance our 16 proxy voting guidelines to require the boards of

our publicly traded companies to be diverse in
terms of both gender and race. The Treasurer and
this board have taken a leadership position there.
But clearly, in all of these areas,
there is room to improve, but we are consistently
and materially making progress each and every

23 year.

24 So great performance, low risk, low

1 High productivity, new hires, new costs. 2 promotions, diversity progress, research 3 leadership. These are results that we should all 4 be very, very proud of. 5 But I believe last year's achievements 6 are particularly remarkable because of the COVID 7 It was a major distraction, if not a pandemic. 8 major headwind, to our efforts. It was an 9 extremely difficult year, as we all know. 10 I couldn't be prouder of this team --11 they're rock stars -- and how we responded during 12 the crisis and how we overcame the challenges to 13 deliver these incredibly strong results. 14 And I'm thankful to the board, to the 15 staff, to our committee members for your support, 16 your dedication and hard work over the past year. 17 It's really a year we will not soon forget. And I 18 hope it's in our rear view mirror soon. 19 Now, a quick operational update, 20 beginning with four new hires. I announced three 21 during the committee cycle. We have one new 22 announcement since the committee meetings. Let me 23 start with him. And I think he's on. 24 Yesterday, we welcomed Joseph Kamotho.

1 Are you on? Yes, there you are. Joseph is joining us as a business 2 3 system analyst on the IT team. He will be working 4 to help IT support PRIM's systems and on-board new 5 technologies. Joseph previously worked at Man 6 Numeric as a database administrator, where he was 7 responsible for database design, management and 8 administration. 9 Previous to that, Joseph was a systems 10 administrator at Numeric Investors. Joseph holds 11 a bachelor of science in management information 12 systems from Northeastern University. 13 Welcome. Great to have you. 14 Next please join me in welcoming Helen 15 Huang, senior investment officer, private equity, 16 who began on June 1 and is reporting to Michael 17 McGirr. 18 Helen has more than 12 years of 19 investment management experience and will be 20 responsible for portfolio construction, manager 21 selection and contributing to PRIM's cutting-edge 22 private equity research. 23 She joined PRIM from China Growth 24 Capital, where she was a senior advisor. And

prior to that, she worked for the Harvard
 Management Company, the Harvard endowment, and
 also at Summit Partners, a local venture capital
 firm, in investment roles.

5 She started her career at Merrill Lynch/ 6 Bank of America. She has a bachelor of science 7 degree in finance from the University of Virginia 8 and an MBA from the Harvard Business School.

9 We're very happy to have her join the 10 team. She can't be with us today, but she has 11 already been an active participant in many of our 12 internal discussions.

And I'm particularly interested in the venture capital research she is leading. She has a lot of experience in venture capital. And that research looks very interesting. Hopefully, we will all hear more about that at the next board cycle.

Also, I see you on, Mini Kouame started
on July 26 as an investment analyst on the
research team, reporting to Maria Garrahan, PRIM's
director of research. Mini comes to us from
Potomac Group, a sovereign advisory firm, as a
senior associate. He has prior experience as a

consultant for the World Bank and was a project
 manager at KPMG Advisory.

Mini recently received his master's in
public administration and in international
development with a major in financial economics
from Harvard University. Congratulations on that
degree.

8 Mini also has his master's in management 9 with a major in finance from ESCP Europe Business 10 School in Paris, France, and a bachelor of science 11 in statistics from ENSEA in Ivory Coast. A lot of 12 great degrees. Can't wait for you to get going. 13 We're very happy to have you join the 14 team as well. Welcome to PRIM.

And last, but certainly not least, later
this month, Seth Gitell will be joining our
leadership team as our new chief external affairs
officer. And he'll report directly to me.

19 Seth is a seasoned public strategist, 20 experienced in strategic communications and media 21 relationships, as well as being a trusted counsel 22 to senior leaders. Most recently, Seth was chief 23 of staff for the office of the Massachusetts House 24 Speaker Bob DeLeo, the former House Speaker Bob

1 DeLeo.

2	His responsibilities included directing
3	and coordinating the daily and long-term
4	operations of the speaker's office and for
5	overseeing the office's communications efforts.
6	Prior to this role, Seth served as
7	Speaker DeLeo's director of communications. And
8	before that, in what was the top communications
9	role in the City of Boston, Seth was Mayor
10	Menino's press secretary.
11	Seth is a very talented writer, having
12	begun his career in political journalism, a former
13	reporter with the <i>Boston Phoenix</i> and <i>Forward</i> . He
14	has been published in <i>The Atlantic Monthly</i> , the
15	Wall Street Journal, The Boston Globe and the Los
16	Angeles Times. Seth is very well-known for his
17	sound judgment and his professionalism.
18	He has a bachelor of arts degree, magna
19	cum laude, in American history from Harvard and a
20	law degree from NYU School of Law.
21	We're very excited to have Seth join our
22	team later in the month.
23	So welcome to PRIM, everyone. We're
24	extremely happy to have you.

Now, before moving on to markets and
 PRIT Fund performance, I'm pleased to report that
 last month, the American Investment Council
 announced that PRIM Private Equity ranked number 4
 in private equity returns among nearly 200 U.S.
 public pension funds. And that's based on 10-year
 performance.

8 PRIM is the only fund that has been in 9 the top 5 of all private equity portfolios in 10 every single year the American Investment Council 11 has performed that study, including number 1 rankings in 2019, 2018, 2015 and 2013. We're 12 13 extremely proud of this accomplishment yet again. 14 Congratulations to the private equity 15 team for this outstanding accomplishment. Mike 16 McGirr will have more to say about that and the 17 performance later in today's agenda. 18 And I do think it's safe to say with a 19 return of more than 70 percent, seven, zero, 20 70 percent in fiscal year 2021, we're very 21 optimistic about next year's ranking.

Also, we are pleased to announce that the PCS team, portfolio completion strategies team, under Bill Li is one of four finalists for

partnership of the year at the 2021 *Institutional Investor* Allocators' Choice Awards to be held in
 New York next month.

4 This is the sixth time PRIM has been 5 recognized for outstanding innovation by 6 Institutional Investor as nominated by our 7 industry peers and colleagues. You may recall 8 that we were winner of Plan of the Year in 2016 9 and nominated for Plan of the Year in 2017, 2018, 10 2019. And of course my own Lifetime Achievement 11 Award, which is very gratifying to me, which was 12 awarded in 2019, which a few of you attended.

This year, we are being recognized for our PCS partnership with Fir Tree Partners because as *Institutional Investor* said, and I quote, "PRIM kicked off a SPAC investment mandate before SPAC became a buzzword." That deal made MassPRIM money while invigorating Fir Tree's business as well.

We were really very early on the whole
SPAC theme, and congratulations to Bill, Eric, for
spotting that opportunity, and the entire PCS
team. Good luck in September.

Now turning to PRIT Fund performance and
markets, as you know, the financial markets

continued to rebound through the June quarter. At
 the investment committee meeting two weeks ago, we
 discussed the outlook.

4 And member Connie Everson, who is our 5 resident economist and strategist, she discussed 6 the possibility that the next 10 years in the 7 markets are likely to be very different from the 8 last 10 years. Namely, the forces that dominated 9 for the last 10 years, which are persistently low 10 interest rates, low inflation and an economy that 11 really tried and failed repeatedly to resume 12 sustained growth. This economy may finally break 13 out and show some sustained growth and inflation. 14 We noted that demand in the economy is

15 surging. And it is currently being held back by
16 supply issues, low inventory and labor shortages.
17 There are nearly 10 million workers still
18 unemployed. And their return to the workforce
19 could help keep demand surging.

We spoke about how it probably won't take two years until the Fed tapers and/or tightens. In fact, we discussed that if it does take that long, this recovery might also be considered another failure.

1 Now, this was a very rosy outlook 2 indeed, but I want to assure you that we at PRIM 3 remain steadfast in our core investment 4 philosophies that, number 1, nobody can predict 5 the future, so we don't try. And nobody can 6 predict the financial markets, so we don't try. 7 Instead, we have designed a long-term 8 portfolio with components that will perform well, 9 whatever the future brings, and we don't 10 believe -- do not believe -- in short-term 11 tactical asset allocation. We like how this 12 portfolio is positioned for the long term, and 13 we're very confident. 14 Let me just end with some performance 15 slides before turning it over to the next --16 And Tony, do you want to pull up 17 slide 6? 18 First of all, in Q4, the June guarter, 19 the markets were strong. The S&P was up 8 and a 20 half percent. Developed international markets and 21 emerging markets were up 5 percent. Bonds were 22 even up almost 2 percent. This is for the June quarter. And long-duration bonds were up 23 24 9.6 percent.

For the year, for the year ended 2021, 1 2 the S&P was up 40.6 percent. Developed 3 international markets were up 32 percent. 4 Emerging markets were up more than 40 percent, and 5 bonds -- as you would expect in rising interest 6 rate environment, bonds were down, diversified 7 bonds were down a percent and a half. And long-8 duration bonds that are more sensitive to interest 9 rate moves, they were down more than 10 percent. 10 Overall, a 60/40 mix of stocks and bonds 11 was up 23.3 percent. And the PRIT Fund fared 12 better than a 60/40 mix. It was up 30 percent. 13 Turning to that slide that Tony has put 14 in front of you, you can see the staggering 15 increase in assets under management. Despite 16 paying out 1.2 billion in benefits, we reached a 17 new all-time high of \$95.7 billion. 18 Next slide. For the one-year period, 19 the PRIT Fund was up 30 percent, and that equates 20 to 29.5 percent net. That's an outperformance of 21 9.4 percent gross or 8.9 percent net. And this 22 equates of course to an investment gain of 23 22.1 billion, \$6.7 billion above benchmark. 24 You can see on this slide longer term,

three-, five-year periods up 12 percent or more
 and well above our benchmark. And even the
 10-year number up 9.5 percent also, above the
 benchmark.

Next slide. You can see on the left
private equity led the way at 72.7 percent gross.
That equates to 70.5 percent net. For the oneyear period, we compare this to itself.

9 Private equity is a long-term asset 10 class so we don't have a one-year benchmark that 11 we show to you. Over a longer period of time, we 12 compare private equity to a public markets return, 13 plus an illiquidity premium of 3 percent. The 14 public markets benchmark is the Russell 3000, and 15 of course the 70 percent is far above that. 16 You can see global equities up 17 42.4 percent gross, 42.1 percent net. That's 18 1.7 percent net above a benchmark. And I think 19 that's particularly impressive, considering that 20 this total portfolio is 61 percent passive. It's 21 61 percent indexed, which means that 61 percent of 22 the portfolio has no chance of beating the 23 benchmark. So it's the other 40 percent that is

24 active that is doing a very good job.

Next, you can see value-added, fixed
 income, real estate, PCS. All posted strong
 absolute returns.

4 PCS was a little below benchmark, mainly 5 due to the fact that our managers were somewhat 6 defensive during the year, as you might expect in 7 a year like we just had. And they were defensive. 8 It was indicated by a realized beta of only 0.1. 9 So really not very much market exposure, net. 10 And then on the right, as I mentioned, 11 core fixed income was weaker, as you would expect 12 with rising interest rates.

13 And I'll end on the next slide, which 14 shows again on the left that private equity led 15 the wav. Global equities were also very strong, 16 and fixed income on the right was weaker, 17 especially long-duration bonds, as I mentioned. 18 And importantly, the PRIT Fund was up 19 30 percent, 29.5 percent net, and that equates or 20 compares in the middle to a 60/40 mix, which is a 21 common benchmark that people like to use, which 22 was up 23 percent.

I'll stop there with my comments and
take any questions you might have before turning

1 it over to the next agenda item.

2 TREASURER GOLDBERG: Any questions for 3 Michael? 4 Hearing none, we're actually coming up 5 on Michael's favorite moment. next-to-favorite 6 moment of the year. Correct, Michael? 7 MR. TROTSKY: That's correct. But this 8 year, I guess I can keep you from seeing me blush 9 if I shut my video down. 10 TREASURER GOLDBERG: No, no, no, no, no. MR. TROTSKY: I do have a couple of 11 12 comments to make. 13 MS. McGOLDRICK: You know what we're 14 going to do? We're going to make it more 15 uncomfortable. We're all going to shut our 16 cameras down and have you be --17 Tony, we're going to put it on speaker 18 view, even if he's not speaking, and have him fill 19 up the whole screen. 20 MR. TROTSKY: I do have a couple of 21 comments before you get started on that. 22 TREASURER GOLDBERG: Okay. So why don't 23 you go ahead? 24 MR. TROTSKY: As the Treasurer

mentioned, the next agenda item is my fiscal 2021
performance evaluation, and you'll be responsible
for approving my fiscal year '22 goals and
objectives, which were presented at each and every
committee meeting, and I've received some feedback
on them.

Just to start, the accomplishments of the fiscal year were highlighted in my opening remarks. And these accomplishments can also be found in more detail in your expanded agenda. I'm not going to go through them. Hopefully, you've had a chance to review that.

Also my annual self-assessment was sent two weeks ago. And many of you have also reached out to me with your thoughts and feedback. I appreciate that.

17 I'm excited to put fiscal year 2021 in
18 the record books, and also to build on that
19 success for fiscal '22.

20 You'll see that fiscal 2022 sets forth 21 an ambitious set of goals and objectives that are 22 outlined in Appendix D. And as a courtesy, the 23 document also includes highlights of the board-24 approved annual plans of each functional area.

1 Those goals and objectives are 2 consistent with past years, but I will highlight 3 just two new objectives. 4 Number 6 on that, successfully implement 5 the FUTURE Initiative to comply with the 2021 6 investment equity legislation. I mentioned that 7 in my opening remarks. That should look very 8 familiar to you all. 9 What might be new is number 7. And 10 that's a new one, to collaborate with the 11 Treasurer's Office, together with the board and 12 committee. I know several members are interested 13 in this. The MIT Sloan School also wants to 14 participate and also other members of the 15 Aggregate Confusion Project. MIT Sloan School's 16 ESG consortium is called the Aggregate Confusion 17 Project. 18 And number 7 really is a plan to develop 19 and execute a comprehensive ESG initiative that 20 we've already started on. You've heard from Maria 21 Garrahan in the past. 22 This will require that we work 23 cooperatively with the Treasurer's Office. We're 24 very much looking forward to this. Several board

and committee members have expressed an interest 1 2 in this. And we may have to work with the 3 legislature to come up with an agreeable ESG law. 4 That's a new goal of PRIM for fiscal year 2022. 5 I appreciate any of your direct 6 feedback. Many of you have already offered 7 helpful comments to me this year and also in past 8 years. So I very much look forward to speaking with you soon. 9 10 You know how to reach me. Please 11 contact me directly or through Marliese if you 12 would like to set up a time to speak, and I'd look 13 forward to that very much. 14 TREASURER GOLDBERG: All set, Michael? 15 MR. TROTSKY: All set. 16 TREASURER GOLDBERG: So all in all. I 17 think we can agree that lots of fabulous news and 18 positive information. I think not only do we have 19 results, but we also have a forward-thinking 20 organization, which I think, you know, it's often 21 said that organizations that are innovative are 22 the most successful. Organizations that are the 23 most inclusive are more successful. And I feel 24 that that's exactly what I've been seeing occur

1 year after year.

2 And so with that, we move into the 3 performance evaluation, and then we have a voting 4 item that will be the fiscal year 2022 goals and 5 objectives. 6 So I think at this point, it's probably 7 appropriate to turn this over to you, Bob. 8 Wouldn't you agree? 9 MR. BROUSSEAU: I think so, Madam 10 Treasurer. First of all, a few comments, probably 11 12 five or six minutes, that I would like to make. 13 But I want to say good morning and welcome to all 14 of you to this annual summer ritual that we go 15 through in August. It is the performance 16 evaluation of the executive director and, as 17 Michael said, the approval of his goals for the 18 next fiscal year. 19 I want to remind you that state law 20 requires an open public evaluation of the 21 executive director, and we do this every year. 22 After 11 years of course, we are 23 accustomed to the process. However, as the 24 Treasurer noted, this has never been one of

Michael's favorite days. I think over the last
 few years, I think he's been able to relax and
 accept the fact that, yes, this is one of his
 happiest days, and he should bask in the sunshine,
 of course, of the evaluation by his peers here on
 the board, of the trustees.

7 To review the process, I think you all 8 know that the executive director forwards his self-9 evaluation and his goals and objectives for the 10 coming year. Today, we evaluate this performance 11 for the fiscal year that ended on June 30 of this 12 year.

There were two documents that were sent to you, of course. You received the performance as well as the goals. These two documents were provided to the board and to the three advisory committees for any comments they choose to make.

I would say that included in this document was a discussion guide. The discussion guide is there for your use. It is not to be returned to me. You're to use it as a jumping-off point so that you can evaluate the goals and also not only the goals from last year, but the performance of these goals by the executive

1 director.

I think as board members, we encourage 2 you to use this performance guide, as Michael said 3 earlier, if you want to sit down with him and have 4 a conversation or talk to him. I know he welcomes 5 that, and he does welcome the feedback. 6 Now, as chair of the Administration and 7 Audit Committee, I don't evaluate his 8 performance. All I do is coordinate the process as 9 it states in our governance documents, that the chair 10 of the Administration and Audit Committee 11 coordinates the process. And of course that's 12 what I will do today. 13 Board members are not required to 14 forward their evaluation to me. They may do so, 15 as many of you have done today. 16 Today's proceedings become -- I want to 17 remind you -- become a public record of the ED's 18 evaluation. The results, I received 19 10 evaluations from board and committee members: 20 five from board members and five from committee 21 members. 22 And beforehand, I just want to thank all 23 of you for participating in this process. 24 It

certainly makes my life a lot easier when it comes
 to getting a narrative together.

This year's evaluation is no different than the ones we have heard for the last 10 years. In fact, they get better each year. And of course, this year is no exception.

7 Michael is highly respected and received 8 outstanding reviews by all of the evaluations that 9 I received. There was no criticism, not one 10 criticism, in any of the evaluations that I 11 received.

Words like -- last year, the word 12 "outstanding" appeared on several of the 13 evaluations. After a while last year, I guess 14 some people felt we have out-used this word. And 15 now the word that I found a lot in this year was 16 "creativity" and especially the term "innovation." 17 This is the quality that Mike uses in running that 18 organization, and we see the results. 19

20 Another one, "team building." Staff 21 working in teams for the common goals.

And another thing that came through, that in this pandemic year with all of its volatility, the results speak for themselves.

Here we see a 95-plus billion dollar fund gained 1 over \$22.2 billion over the last fiscal year, 2 which is phenomenal. 3

What was mentioned in these evaluations, 4 the ESG initiative or MIT Sloan program that we 5 are working with. The diversity and inclusion 6 program. The FUTURE, the FUTURE Project, being 7 handled by David Gurtz at this point. The real 8 estate leverage project that we are going to be 9 voting on today. And finally, all of the PRIM and 10 PRIM staff, recognition for our staff and for what 11 we have done here. 12

So these are the things I'm sure that 13 you would expect to have seen in these 14 evaluations, and they were here. However, I think 15 you have to get a flavor for all of this so what 16 I've tried to do is at least take some quotes from 17 the evaluations that I received so you're 18 realizing it's not Bob Brousseau saying these 19 things. These are the exact words of the 20 evaluators who evaluated Michael's performance. 21 I'll start with one. "This year capped 22 a very long-term era of over 10 years, I believe, 23 of spectacular PRIM performance. I was a bit

24

1 disappointed that we did not celebrate it more 2 because I think the whole team and especially Mike 3 deserve real kudos and a very hearty thank you. 4 The performance was consistent through various 5 market conditions, challenges and even political 6 and health issues. It was a collaborative effort 7 by a team that Mike has so carefully forged and 8 guided."

9 Stated here: "He guided PRIM through 10 the COVID environment with barely an issue. He 11 continued to drive the team to excel and innovate. 12 And he continued to hire and develop exceptional 13 people.

14 "Thanks to a large degree to Mike, PRIM
15 remains a thought leader, a highly respected
16 organization and a huge contributor to the well17 being of the state and the state's retirees."

Another comment stated, "This has been another extraordinary, challenging year for PRIM. Michael again had to face the combined challenges of COVID and a volatile market, and I believe that he has once again met these challenges superbly." Some of the things that were mentioned in this evaluation. "He has shepherded a huge

growth of the PRIT Fund in 2021 to \$95 billion, 1 2 fostering a true sense of team at PRIM, especially 3 by going out of his way to recognize individual 4 contributions to group success, continuing in a 5 very collaborative relationship with Treasurer 6 Goldberg, entering a groundbreaking research 7 relationship with MIT Sloan School on ESG 8 investing, significantly further expanding 9 diversity of our staff, continued success of 10 Phase II of Project SAVE, and continued close 11 attention to client services and smooth transition 12 in client services leadership from Paul Todisco to 13 Francesco Daniele.

14 "If past performance is a predictor of 15 future success, we are most fortunate to have 16 Michael at the helm at PRIM. Quite simply, this 17 has proven to be true beyond our fondest dreams." 18 And another evaluation stated. "We all 19 have to stand in great respect for the investment 20 management results of the just-closed fiscal year. 21 Even the highly vaunted and largest public fund in 22 America, CalPERS, came in significantly behind 23 PRIM in overall performance. At the end of the 24 day, this is the most important thing we do."

Quoted, "This is not just a one-shot 1 2 pony with a streak of luck. Indeed, the results 3 demonstrate investment integrity and stellar 4 performance across the board, executed by a superb 5 team of investors. This is about the leadership 6 that Michael exhibits." 7 "The continued advancement in Project 8 SAVE has borne impressive results as PRIM's 9 adoption of progressive proxy voting guidelines to 10 help influence corporate behavior. These 11 dimensions of Michael's performance help to shape 12 the future of our business, and he does an 13 exemplary job of leadership therein." 14 And another comment made here.

15 "Michael's performance is outstanding. He 16 consistently displays excellent leadership and 17 management of the PRIM team, and the extraordinary 18 investment results as well as the strength of the 19 team are evident of this assessment.

20 "Michael is an excellent communicator
21 and consistently articulates clear principles,
22 expectations, information that keeps staff,
23 committee and board members informed of the team's
24 investment activity and results.

1 "The quality of staff he has assembled 2 and his management style encouraging 3 collaboration, innovation and professional growth 4 are consistently on display in one of our interactions with staff as well as in committees 5 6 and board meetings. His professionalism and 7 consistent, thoughtful investment approach 8 inspires confidence in what was an exceptionally 9 challenging year. 10 "The ongoing emphasis on learned teaming 11 and innovation are part of the culture of PRIM, 12 and it is exciting to observe new investment 13 recommendations and initiatives that result from 14 these efforts throughout the organization. 15 "Michael is a leader in embracing D&I, 16 diversity and inclusion, both in the organization 17 and throughout the manager line-up." 18 These, I think, are some of the goals, 19 some of the thoughts that appear on many of these 20 also so I'm not going to repeat. 21 But here is another evaluation from 22 another person. "I continue to be very impressed 23 with Michael's leadership of the PRIM team, his

24 investment skills and discipline and his openness

1 to new ideas to improve the fund. One recent 2 example is cross-team collaboration to address the 3 challenge of optimizing the debt facilities in the 4 real estate area. By utilizing the best ideas in 5 the real estate team, the fixed income team, the 6 portfolio completion team and the accounting 7 finance team, significant interest, cost savings 8 and operational flexibility were achieved." 9 And another evaluation, the person

stated, "Michael has continued to provide great
leadership and guidance to the board, trustees,
committee members and the entire staff, whose work
has been recognized by our peers and many
distinguished organizations across the country.

"Michael has continued to put together a team that I would put up against any of their peers in the public sector. I again think this is the best team we have had at PRIM, but as I said last year, this says a lot, as we have had some very talented people pass through the doors of PRIM.

22 "Again, a team with extremely talented
23 individuals and not only provide outstanding
24 leadership for their particular discipline, but

just as importantly, the generosity they share
 working with the other teams is something Michael
 can be greatly proud of."

4 And I think just a few more here. "The 5 work he and the PRIM staff have done under his 6 guidance is magnificent for the fiscal year and 7 almost unbelievable. I agree Michael deserves the 8 very highest marks and congrats for the 2021 9 results. I am in awe of his and the staff's 10 sensitive and excellent work and proud to be a 11 board member."

12 Another one here. "A comment I would 13 share about Michael's performance is the 14 following. In addition to the trailing investment 15 results being outstanding over the short, medium 16 and long term, what has impressed me about 17 Michael's leadership is the culture of 18 collaboration and continuous improvement that he 19 seems to have engrained in the staff, as I think 20 that increases the likelihood of continued success of the fund." 21

And I believe -- the other one stated here said, "I've said it before, and I repeat it again. Michael is perhaps PRIM's greatest asset

and clearly its most valuable employee. While I 1 2 hope and expect that Michael remain with PRIM for 3 a long time to come, given his importance to the 4 organization and, to me, the absence today of an 5 obvious in-house successor, should the board 6 devote some time to contingency succession 7 planning? As it stands, I think the only plan is 8 that in the event of a void in the ED role, a 9 search committee would be formed to identify a 10 successor."

11 Now we all know -- finally, I'd like to 12 summarize by saying as I went through my 13 evaluation, there were all of the same things and 14 the same goals that were mentioned. The 15 inclusivity of the organization, Michael's culture 16 of openness, the way he runs the organization, 17 especially the way he has built a staff and treats 18 the staff.

And also the respect. I believe he
holds everybody he comes in contact with in such
high regard.

I know, Michael, that you've been with us now for 11 years, longer than any other executive director in the history of PRIM.

1 I've worked with all of them since the 2 inception of PRIM back in 1984, and it's certainly 3 been my pleasure -- even though I enjoyed very 4 much working with Jim Hearty. He was with us for 5 about two years as the executive director in the 6 early part of the century and then moved on to 7 probably better things. I don't know. 8 But, Michael, your 11 years have been an 9 absolute joy, I know, for me to experience. And I 10 wish you well and wish well to your family and 11 hope that you are with us for many years to come. 12 And please wait until after I retire 13 because I do not want to have to go through 14 another search before I retire. 15 Thank you very much, Madam Treasurer. I 16 will turn the meeting to you, and I think the next 17 item is the voting item. 18 And I would say overly that board 19 members at this point should feel free to offer 20 their own evaluations, if they have not already 21 Remember, this is a public document, and done so. 22 it becomes part of the public record when we 23 evaluate the executive director. 24 And then we'll be voting on Michael's

1 goals and objectives.

2 Thank you.

3 TREASURER GOLDBERG: Thank you, Bob.
4 And I'd like to open it up to members of
5 the board. Is there anyone who would like to
6 comment?

7 Theresa.

8 MS. McGOLDRICK: Yes. I'm sorry, Madam 9 Treasurer, but I did not make it in time to do the 10 evaluation until today, so I just wanted to give 11 my comments now.

12 Michael continues to amaze me with his 13 inspiring leadership, expertise, professionalism, 14 work ethic and his success in leading our fund to 15 the highest return in its history during a time of 16 tragedy, turmoil, inconsistency in the markets and 17 especially in the world. It is so comforting to 18 know that he is at the helm of our fund, 19 protecting our assets while growing them to new 20 heights.

And I just want to say that it's almost repetitive every year what we say because every year, I am more comforted by the fact that we have him in charge of our beneficiaries' fund. And I 1 feel that we're really blessed with it.

2 And this year just -- I mean in a time 3 when you could count on nothing else really going 4 consistently, you could count on this, and that 5 just brings me a lot of peace, representing the 6 people that I represent, who completely depend on 7 their pension being there when they go to retire. 8 So thank you for all you do. 9 TREASURER GOLDBERG: Thank you, Theresa. 10 Is there anyone else? 11 Well, then it's my turn. 12 So I did speak with Bob yesterday. And 13 I listened very carefully to all of the comments 14 and accolades of your summary, Bob, and I thank 15 you for your hard work on that. 16 I have to say it's probably getting 17 easier because very often people use the same 18 adjectives over and over. 19 I think for this past year, the most 20 remarkable feature was the cohesiveness of the 21 team during an adjustment to remote and to the 22 pandemic, and Michael's true expression of concern 23 for his team and for what was happening out there 24 in the world.

Michael, you often started our meetings,
 if you did come downtown, commenting on how
 disturbing it was for you to see the restaurants
 closed, the shops closed, the streets abandoned.
 Which takes you above and beyond your perception
 of what was going on.

And truly, the team, because of you and 7 8 your support of them and your engagement with my 9 office, helped, as I used consistently with not 10 just our offices, but also with the national group 11 of treasurers I work with, we kept on getting the 12 job done. And we kept on getting it done on 13 behalf of the people. And in PRIM's case, it's 14 the beneficiaries, Theresa, and it's also the 15 taxpayers.

16 And so we understand our double goals. 17 And this past year rose very much above what -- I 18 mean so many things could have been considered 19 acceptable, but not in Michael Trotsky's world. 20 Performance and adjustment to whatever the 21 circumstances may be, this year proved that the 22 strategy of return, risk and cost is the strategy 23 to live by. And this year, it paid off 24 enormously.

1 So when you use the word "innovative," I 2 think that's what has really been a key driver of 3 this organization, willing to take risks in being 4 innovative, which is different than taking risks 5 in investments, and that's what was one of the key 6 facets, Michael, that you really drive the bus 7 with.

8 And so I think that overall -- by the 9 way, I just wanted to let you know, no one gets to 10 retire unless I do. And so I have a new idea this 11 year that I'm going to beat Bob Crane's record of 12 number of years served as Treasurer. So we're all 13 going to be really old by the time we retire. So 14 don't have any thoughts of sitting on a beach and 15 enjoying yourself because at that point, we'll all 16 be going over to Hebrew SeniorLife.

17 But all kidding aside, this is great 18 teamwork between my team and yours. And I think 19 that members of the board who are looking forward 20 to getting engaged in how we evaluate and how we 21 move forward in ESG this --

22 With everything with the pandemic going 23 on, the only other major issue that you see 24 consistently talked about and concern about is

1 just what is happening with climate and climate 2 risk. And the collaborations that you are working 3 on putting together to address how do we as 4 investors impact that? 5 I think a major thing that happened this 6 year is that Engine 1, a group of investors, 7 gained two board seats on Exxon, the Exxon board. 8 And if we can get a group like Exxon engaged in 9 helping support how we save our planet, that would 10 be a really good thing. 11 So we have lots more to do together. 12 And at the same time, make sure that we have the 13 kind of returns together that are so important for 14 our beneficiaries and the taxpayer. 15 And I look forward to this conversation again in a year. Bob, I just think you should 16 17 make copies of that because we're going to say it 18 again. Please, God. 19 So with that, Michael, do you have any 20 response to all of this? I do see a little bit of 21 red in your face. 22 Otherwise, would you like me to move on 23 to the voting item, or would anyone else care to 24 comment?

1 MR. NAUGHTON: Madam Treasurer, I would 2 just make a guick comment. I apologize to Bob for the multifarious accolades that I sent to him 3 4 regarding Michael. 5 And directly to Michael, thank you for 6 being you. 7 MR. TROTSKY: Well, thank you, Dennis, 8 Treasurer, Theresa, Bob. 9 It's hard for me. These comments mean 10 the world to me because -- and thank you to 11 everyone else who participated. You know, we work 12 very hard to gain your confidence and your support 13 and to produce good results for the more than 14 300,000 beneficiaries of the fund. 15 We're very proud of the work we do and 16 the results we deliver, but I was very, very happy 17 to hear that most of the comments also attributed 18 my own success to that of the staff. 19 And really, I do believe that my job is 20 made easy because of this excellent staff we've 21 assembled and supported. And it's because of 22 their commitment to the fund and to each other 23 that we're able to celebrate this success. 24 This team is phenomenal. And really I

1 do believe that they deserve all the credit 2 because they really do all the work. And more 3 importantly, it's heartwarming to me because they 4 deserve the recognition more than me for producing 5 these strong results. 6 And they also deserve my gratitude for 7 being able to sit here and get your accolades. 8 Thank you. Thank you for all the work you do. 9 Someone said it, and I'll say it again, 10 that this staff is the best in the country, if not 11 the world. And again, I'm so happy that they 12 received as much recognition as I do really, and 13 they deserve it. And so congratulations to 14 everybody. 15 TREASURER GOLDBERG: Thank you, Michael. 16 Any other comments before we move on to 17 the vote for goals and objectives for '22? 18 MS. FITCH: Just a guick well-said by 19 Michael because it's really important for the 20 staff support. But this has been an incredible 21 year. Thank you. 22 TREASURER GOLDBERG: Okay. Thank you, 23 Ruth Ellen. 24 With that -- that's right, Michael.

Have a sip of water. You can breathe again. 1 2 We will turn to the fiscal year 2022 3 goals and objectives vote. Let me get the actual 4 wording. 5 I seek a motion that the PRIM Board 6 approve the Administration and Audit Committee's 7 recommendation to approve the executive director's 8 fiscal year 2022 goals and objectives as contained 9 in Appendix D of the expanded agenda and further 10 to authorize the executive director to take all 11 actions necessary to effectuate this vote. 12 Is there a motion? 13 MR. BROUSSEAU: I move that we adopt the 14 goals and objectives. 15 TREASURER GOLDBERG: So we had a lot of 16 chorus line people. 17 So let's see. Bob, we'll let you do the 18 motion, and I didn't quite hear everyone else's 19 voice. 20 Jim, was that you who had a motion? 21 MR. HEARTY: It was not. I'll be happy to do so, but it wasn't I. 22 23 TREASURER GOLDBERG: All right. Who 24 else made noise?

1	MR. SHANLEY: It was me.
2	TREASURER GOLDBERG: All right. Then
3	let me have a second from somebody.
4	MR. NAUGHTON: Second.
5	MS. McGOLDRICK: I'll second it.
6	TREASURER GOLDBERG: All right. Thank
7	you.
8	Discussion?
9	So I'm assuming everyone has read them.
10	And we had a thorough conversation, went over them
11	at Admin and Audit. And so since there's no
12	further discussion or comment, I will do a roll
13	call vote.
14	Robert Brousseau?
15	MR. BROUSSEAU: Yes.
16	TREASURER GOLDBERG: Ruth Ellen Fitch?
17	MS. FITCH: Yes.
18	TREASURER GOLDBERG: James Hearty?
19	MR. HEARTY: Yes.
20	TREASURER GOLDBERG: Theresa McGoldrick?
21	MS. McGOLDRICK: Yes.
22	TREASURER GOLDBERG: Peter Monaco?
<u></u>	
23	MR. MONACO: Yes.

1 MR. NAUGHTON: Yes. 2 TREASURER GOLDBERG: Paul Shanley? 3 MR. SHANLEY: Yes. 4 TREASURER GOLDBERG: Myself, yes. The 5 motion carries. Thank you very much. 6 7 Now we will turn to our investment 8 report and begin with public markets. 9 Dave, you're up. 10 MR. GURTZ: Good morning, everybody. 11 I'm David Gurtz, deputy CIO, director of public 12 markets. 13 And let me just jump right into 14 performance. I'll go through that very briefly 15 before we turn to our two voting items. 16 So Tony, would you mind opening up 17 page 15, and we're going to start with global 18 equities. 19 So global equities returned, as Michael 20 said, a terrific 42 percent for the fiscal year, 21 outperforming its benchmark by 2 percent gross or 22 165 basis points net of fees. 23 It's a very impressive relative return 24 when you consider that approximately 60 percent of the global equities portfolio is passively
 managed. Importantly, the relative outperformance
 was also broad, with each subasset class
 contributing to this outperformance.

5 I think there was three key reasons I 6 believe why this year was special and why every 7 asset class outperformed. One, good manager 8 selection; two, good portfolio construction; and 9 three, methodical rebalancing.

10 First, good manager selection. We have 11 selected strong managers in each subasset class, 12 resulting in relative outperformance across the 13 board. For example, two years ago, we added four 14 new U.S. microcap managers to our U.S. small/SMID 15 cap portfolio. And these four managers 16 collectively produced an absolute return of nearly 17 93 percent this past fiscal year, helping to make 18 U.S. small/SMID the highest-performing global 19 equity asset subasset class.

Additionally, these four microcap managers outperformed their benchmarks by over 16 percent, net of fees, providing significant relative outperformance.

24

Second, good portfolio construction. We

have constructed the global equity portfolio to
use active strategies in inefficient markets and
passive management in more efficient markets. For
example, a couple of years ago, we moved our
emerging markets portfolio to 100 percent actively
managed.

In this past fiscal year, our \$5 billion
emerging markets portfolio produced the best
relative performance. EM returned 48 percent,
outperforming its benchmark by over 5 percent or
44 and a half percent, net of fees.

12 On the other end of the spectrum, our 13 U.S. large cap portfolio is 100 percent passively 14 managed to the S&P 500 because that market is so 15 efficient.

16 And lastly, methodical rebalancing. As 17 Michael says, we do not predict the future, and so 18 we methodologically rebalanced the portfolio 19 between the U.S., developed international and 20 emerging markets, as well as between large cap and 21 small cap within each of these. And additionally, 22 we track and rebalance within our portfolios 23 between growth and value managers.

24 So collectively, a great year. Global

1 equities produced very strong absolute and

2 relative returns for those reasons.

3 Turning to page 16 and a review of our 4 fixed income portfolio, looking at the top left 5 graph, U.S. rates as of June 30, the yellow line 6 is higher compared to a year ago, the reddish 7 orange line there.

8 And when rates rise, bond prices fall, 9 all else equal. And while the rates have risen 10 this past year from their all-time lows of last 11 summer, the rates as of June 30 are still very 12 historically low.

The bottom right graph shows the U.S.
credit spreads. These credits continue to tighten
to levels last seen since 2004.

16 So what has happened this year is our 17 valued-added managers or our value-added fixed 18 income portfolio, which has mostly credit 19 exposure, has done very well, while our more 20 interest rate-sensitive assets in core fixed 21 income has suffered due to the rise in the yields. 22 So turning to the next page, on the 23 right-hand graph, you can see OCO, or other credit 24 opportunities, high yield, emerging market debt

and bank loans, all within our value-added fixed
 income, all produced double-digit returns this
 past fiscal year, thanks to credit spreads
 tightening.

5 The OCO portfolio, which has grown to 6 approximately \$900 million, was the best fixed 7 income performer, returning over 20 percent, but 8 more impressively outperforming its benchmark by 9 nearly 16 percent, net of fees, as our managers 10 took advantage of dislocations in credit markets 11 to deliver these outsized returns.

12 Our high yield portfolio returned 13 17.3 percent, net of fees, on the back of credit 14 spreads tightening over 300 basis points during 15 this fiscal year. And again, they outperformed 16 the benchmark by over 2 percent, 171 basis points, 17 on a net-of-fees basis.

And emerging market debt returned nearly 19 16 percent, beating its benchmark by 9 percent, 20 while bank loans returned 10.1 percent, lagging 21 the benchmark by nearly 2 percent.

22 On the other end of the spectrum, core 23 fixed income strategies fared worse, given the 24 rise in interest rates this fiscal year. The TIPS portfolio returned 5.8 percent, largely due to the
 4.2 percent adjustment from realized inflation in
 the U.S., which flows directly into the returns
 for TIPS.

5 Our agg portfolio returned a modest 6 1 percent but outperformed the benchmark by over 7 1 percent. And finally, our STRIPS portfolio 8 returned a negative 13.9 percent on the back of 9 long rates rising 65 basis points over this 10 period.

11 And despite the low overall level of 12 interest rates, STRIPS continue to be negatively 13 correlated with equities, which served to dampen 14 overall portfolio volatility.

15 So I'll pause there and see if there's 16 any questions before we jump right into the voting 17 items.

18 TREASURER GOLDBERG: Any questions at19 all, or are we ready to vote on items?

200kay then. I'll seek a motion and a21second, and then we can kick that off.

22 So I seek a motion that the PRIM Board 23 approve the Investment Committee's recommendation 24 to approve an initial allocation of up to

1 \$1 billion to Rhumbline Passive S&P 500 Index as 2 described in Appendix E of the expanded agenda, 3 and further to authorize the executive director to 4 take all actions necessary to effectuate this 5 vote. 6 Is there a motion? 7 MR. SHANLEY: So moved. 8 MR. BROUSSEAU: Second. 9 MS. FITCH: Second. 10 TREASURER GOLDBERG: Go ahead. 11 MR. GURTZ: Thank you. So at the last meeting, we proudly 12 13 launched our FUTURE Initiative. It's our firm-14 wide effort to increase the diversity of our 15 investment managers and vendors. And since the 16 last meeting in May, we continue to make 17 significant progress. 18 So in July, we held a Diverse Manager 19 Roadshow with the NAIC, that's the National 20 Association of Investment Companies. That's the 21 largest network of diverse private equity and 22 hedge fund managers. We had 20 PRIM investment 23 staff members meet with 24 diverse private equity, 24 hedge fund and real estate firms. And this event

1 was a great success and helped us continue to 2 build a deeper pipeline of diverse managers. 3 We continue to meet with and vet 4 advisors to help build our emerging diverse 5 manager program for each asset class. 6 And as part of the FUTURE Initiative, we 7 are working to ensure all diverse managers have a 8 clear path to success at PRIM, whether it's 9 diverse emerging managers, diverse active managers 10 or even diverse passive managers, which is what 11 we're talking about today. 12 So I am very pleased to recommend 13 Rhumbline, a diverse manager, to passively manage 14 an initial allocation of \$1 billion of our S&P 500 15 portfolio. 16 Now. the addition of Rhumbline will 17 benefit PRIM in three immediate ways. The first 18 is it reduces a manager concentration risk for the 19 PRIT Fund. Per PRIM's investment policy 20 statement, no passive managers should manage more 21 than 25 percent of the PRIT Fund assets. 22 State Street Global Advisors, or SSGA, currently manages approximately 26 percent of the 23 24 PRIT Fund assets. We continue to view State

Street as a key partner, managing a significant
 portion of the PRIT Fund, but this initial billion
 dollar allocation to Rhumbline will bring State
 Street in compliance by reducing their exposure to
 below 25 percent.

Second, it reduces the investment
management fees in our largest asset class.
Rhumbline's fees are competitive with peers and
were lower than our existing SSGA mandate.

10 Leveraging this recommendation and the 11 fee quote, we successfully renegotiated fees with 12 State Street, who reduced their fees by over 13 50 percent. And so collectively, between the 14 lower Rhumbline fees and the reduced State Street 15 fees, we will be saving approximately \$1 million 16 annually, certainly a clear indication that 17 Project SAVE is part of our DNA here.

And third, hiring Rhumbline will increase PRIM's allocation to diverse investment managers as part of PRIM's FUTURE Initiative. Rhumbline has been a diverse firm since its founding in 1990.

And so this truly is in my mind a win-win-win recommendation.

1 So Rhumbline was founded in 1990. They're a Boston-based diverse investment manager 2 3 that specializes in index-based products. 4 As of June 30, Rhumbline's assets 5 totaled \$92 billion invested in 60 unique index 6 strategies for nearly 300 clients. Approximately 7 two thirds of Rhumbline's assets are from public 8 funds like us. And the majority of these assets 9 are managed in domestic equity and index 10 strategies. 11 Rhumbline will use a full replication 12 approach to closely track the S&P 500 index and 13 customized to exclude PRIM's restricted 14 securities. Their track record of performance is competitive with peers and certainly within 15 16 expectations. 17 Funding for this investment will be 18 sourced from our existing SSGA Passive S&P 500 19 Index portfolio, which is currently over 20 \$18 billion. Therefore, and importantly, this 21 allocation will not change our exposure to 22 equities. It does not increase it. 23 Overall, Rhumbline is well-positioned to 24 manage PRIM's passive S&P 500 index portfolio.

1 The firm offers a competitive 30-year track record with substantial AUM and a diversified client 2 3 base. And this recommendation helps us remain in 4 compliance with our investment policy statement. 5 It helps us lower our fees, and it increases the 6 use of diverse investment managers. 7 So with that, I will stop and take your 8 questions. 9 TREASURER GOLDBERG: Any questions at 10 all for Dave? 11 I like you're using my expression, Dave. MR. GURTZ: That's what I did. 12 13 TREASURER GOLDBERG: Win-win, win-win-14 win-win. 15 MR. GURTZ: Yes. I stole it from you. 16 TREASURER GOLDBERG: This was a win-win-17 win-win. So with that, win-win-win, are there 18 any other questions? 19 MS. FITCH: Not a question. A comment. 20 Smart move. 21 TREASURER GOLDBERG: And Bob, I see your 22 hand. 23 MR. BROUSSEAU: Just a very positive 24 I guess I'm old enough to remember that comment.

we were invested with Rhumbline. Right after they
 organized in the 1990s and became a firm, it was
 in the mid-'90s. I know that Jim Hearty was on
 the board and recalls that.

5 And I recall when Wayne Owen was the 6 contact, was actually the person who represented Rhumbline with PRIM. And I don't know how many 7 8 years we were with them at the time. It was I 9 think several years when there was a change. And 10 my aged memory forgets why that occurred. 11 But we were one of the first firms I 12 think to invest with Rhumbline when they were, 13 even at that point, a diverse organization. 14 I'm pleased to see that we're coming back to work with Rhumbline. I think they are a 15 16 quality firm. 17 TREASURER GOLDBERG: Great. 18 Any other comments? 19 If I may, Madam MR. NAUGHTON: Treasurer. Thank you. 20 21 I just want to mention, I know that we

have like 85-plus people who are listening to our meeting. And I just want to emphasize that the reason you don't hear more questions is because

the board members regularly attend the 1 2 subcommittee meetings, including the investment 3 committee meetings. And so we have had our 4 opportunity to hear these things through 5 thoroughly in those venues. 6 I just wanted to mention that as an 7 informational. 8 TREASURER GOLDBERG: Yes. That is 9 absolutely true. A good point to be made, Dennis. 10 We have an extensive subcommittee 11 process. And what I always think is terrific is 12 how even if members of the board are not members 13 of the subcommittees, many people attend. And 14 then we have people on the subcommittees who are 15 not members of the board who equally do attend our 16 board meeting. So there's a lot of integration. 17 And it's a good point to be made. 18 With that, we have a motion. We have a 19 And I think I will proceed to a vote if second. 20 there are no further questions. 21 Hearing none, all those in favor. 22 Bob Brousseau? 23 MR. BROUSSEAU: Yes. 24 TREASURER GOLDBERG: Ruth Ellen?

1	MS. FITCH: Yes.
2	TREASURER GOLDBERG: Jim?
3	MR. HEARTY: Yes.
4	TREASURER GOLDBERG: Theresa?
5	MS. McGOLDRICK: Yes.
6	TREASURER GOLDBERG: Peter?
7	MR. MONACO: Yes.
8	TREASURER GOLDBERG: Dennis?
9	MR. NAUGHTON: Yes.
10	TREASURER GOLDBERG: Pau1?
11	MR. SHANLEY: Yes.
12	TREASURER GOLDBERG: Myself, yes. The
13	motion carries. Okay.
14	MR. SHANLEY: Thank you, Dave.
15	MR. GURTZ: Thank you.
16	TREASURER GOLDBERG: Now, next item.
17	Just flip through my papers here.
18	It looks like we have another voting
19	item.
20	MR. GURTZ: We do. And Chuck and Eleni
21	are going to go through Newmarket.
22	TREASURER GOLDBERG: Great.
23	What I'll do is I'll seek a motion and a
24	second, and then we'll go through Newmarket.

I seek a motion that the PRIM Board
approve the Investment Committee's recommendation
to approve an initial allocation of up to
\$150 million to Newmarket IIFC III Fund-of-One,
LLC, as described in the expanded agenda, and
further to authorize the executive director to
take all actions necessary to effectuate this
vote.
Is there a motion?
MR. BROUSSEAU: So moved.
TREASURER GOLDBERG: Second?
MS. FITCH: Second.
TREASURER GOLDBERG: Got it. Go ahead,
Chuck.
MR. LaPOSTA: All right. Thank you very
much, and good morning, everybody.
The proposed strategy will be a new
credit investment for our OCO portfolio which
focus on loans to global infrastructure products
as collateral.
I'd like to thank my colleague Eleni
Klempner, who contributed her expertise of
infrastructure assets, among other things, to the
diligence process, as well as to Jay Leu for

providing his assessment of the relative risks of
 the strategy.

3 The fund of one investment will invest 4 in Newmarket Capital's International 5 Infrastructure Finance Company Fund III, as well 6 as other direct transactions in the regulatory 7 capital relief, or RegCap, space, in which 8 Newmarket has expertise underwriting and investing 9 within this niche segment of the market. 10 Newmarket is Philadelphia-based and is 11 led by cofounders, which include Andrew Hohns, the 12 CEO, and Molly Whitehouse, the primary portfolio 13 manager. 14 Newmarket consists of 17 full-time 15 professionals, supported by an external investment 16 committee of four, which includes Dr. Hohns, the 17 CEO, and a board of advisors comprised of five individuals. 18 19 The firm is focused on the niche of 20 underwriting regulatory capital relief instruments 21 on bank-held infrastructure lending books. This will be their third fund dedicated to this 22 23 strategy. 24 The group has been doing this for

10 years as part of a prior organization, Mariner.
 In 2013, they raised Fund I, which was a
 \$500 million fund. In 2017, they raised Fund II,
 which was 630 million. Both Fund I and II are
 fully invested and have generated strong returns,
 as expected.

Based on the opportunity set in front of
them, in 2018, the team elected to exercise a
buyout option that was in the initial sponsorship
agreement with Mariner. In early 2020, they spun
out of Mariner and became Newmarket, bringing over
their entire team.

They are now raising Fund III, which has a target of \$1 billion, and is also targeting a net return of 8 percent, which is consistent with prior funds.

Newmarket focuses on RegCap trades
within the infrastructure space with banks who
have a deep history in infrastructure lending.
RegCap transactions are designed to ease the
burden of retained capital requirements resulting
from certain risk-weighting categories that banks
must hold against their loan portfolios.

24 By entering into a RegCap transaction

with Newmarket, banks can reduce their capital
 requirements to as little as 15 percent, which
 frees up capital to make additional loans and
 allows the bank to maintain connections with their
 borrowers.

6 For their part, Newmarket is paid a 7 coupon of 9 to 12 percent above LIBOR for a period 8 of five to seven years and retains exposure to the 9 credit risk of an 8 percent slice of the total 10 loan portfolio.

11 Credit risk is defined by three distinct 12 events: bankruptcy, failure to pay principal and 13 interest, or a distressed restructuring. These 14 are the only events that will impair or impact the 15 investment that Newmarket makes.

16 The fund strategy focuses on 17 infrastructure as an asset class, due to its 18 historical track record of low defaults, high 19 recoveries and low correlation with other major 20 markets.

The strategy typically targets transactions with the core infrastructure lending portfolios of banks which have an established footprint in the local jurisdiction. Importantly, the strategy focuses on established infrastructure
 projects with steady cash flows and limits
 development exposure to projects which are near
 the end of construction phase.

5 The team conducts due diligence on both 6 the bank counterpart as well as the individual 7 loans in the proposed reference pool in order to 8 gain comfort around the fundamental risks.

9 Newmarket brings an experienced and 10 cohesive team with expertise in transaction 11 structuring as well as credit underwriting and 12 project finance, which helped establish their 13 competitive position by specializing in this more 14 labor-intensive segment of the RegCap market and 15 solidified them as an incumbent partner for 16 leading global infrastructure lenders.

With that, I will open it up to anyquestions.

19TREASURER GOLDBERG: Questions for20Chuck? Any whatsoever? Any additional comments21or questions?

Hearing none, I will go through a rollcall vote.

24 Bob?

- 2 TREASURER GOLDBERG: Ruth Ellen?
- 3 MS. FITCH: Yes.
- 4 TREASURER GOLDBERG: Jim?
- 5 MR. HEARTY: Yes.
- 6 TREASURER GOLDBERG: Theresa?
- 7 MS. McGOLDRICK: Yes.
- 8 TREASURER GOLDBERG: Peter?
- 9 MR. MONACO: Yes.
- 10 TREASURER GOLDBERG: Dennis?
- 11 MR. NAUGHTON: Yes.
- 12 TREASURER GOLDBERG: Paul?
- 13 MR. SHANLEY: Yes.
- 14 TREASURER GOLDBERG: Myself, yes. The
- 15 motion carries. Thank you very much.
- 16 MR. LaPOSTA: Thank you.
- 17 TREASURER GOLDBERG: Now let's see. We
 18 have strategy group coming up. Hi, Eric.
- MR. NIERENBERG: Hi. Thank you, MadamTreasurer.
- 21 TREASURER GOLDBERG: So first, Eric will 22 do a performance summary, and then we will have a 23 voting item on an RFP. Go ahead, Eric.
- 24 MR. NIERENBERG: Thank you very much.

Eric Nierenberg, chief strategy officer. Great to
 see all of you this morning.

I first want to welcome Mini to our group. He's the 11th member of our Strategy Group. We now have enough people to field our own soccer or football team so we're looking forward to that.

8 I also want to mention we have five 9 interns with us right now. Tiana Xiong from 10 Brandeis. And we have four interns from the 11 University of Washington master's program in 12 computational finance: Vivian Liang, Navid 13 Bahadoran, Yang Wong and Peng Fei. And they've 14 been doing great work across our group.

As a reminder, we have three teams within strategy: research, risk and portfolio completion strategies. And those teams work collaboratively with each other and then also with their counterparts throughout PRIM on both the investments and operations side.

At the Investment Committee meeting a couple weeks ago, we talked about a number of the research, risk and investment initiatives that we have been working on within the group.

1 Today you'll be hearing from all three 2 of our directors: Bill Li, director of portfolio completion strategies; Maria Garrahan, director of 3 4 research and Jay Leu, director of risk. 5 With that, I'm going to turn it over to 6 Bill, who will take you through PCS performance 7 summarv. 8 MR. LI: Thank you, Eric. Good morning, 9 everybody. 10 This is Bill Li, director of portfolio 11 completion strategies. 12 Jump right into performance. For 13 trailing one year, PCS delivered 15.6 percent 14 versus the benchmark's 17.1 percent. Hedge funds 15 account for over 80 percent of PCS. Last fiscal 16 year, PRIT hedge fund returned 17.4 percent, 17 lagging the benchmark by 150 bps. In a 10-year 18 time frame, PRIT hedge fund annualized 19 4.8 percent, outpacing the benchmark by 100 bps. 20 As mentioned by Michael earlier, post 21 the March 2020 selloff, our overall hedge fund 22 portfolio had turned defensive, as indicated in a 23 realized beta of merely 0.1, lower than the hedge 24 fund industry's 0.4 beta. Missing out significant 1 market rally explained part of the relative

2 performance.

That said, we're comfortable with the lower beta profile, which was expressed bottom-up from our investment partners, who collectively took a cautious stance.

7 Despite a lower-risk profile, the
8 absolute return of 17.4 percent greatly exceeded
9 expectation.

10 More specifically, the stable value 11 bucket, which is of minimal beta and currently 12 accounts for two thirds of PRIT hedge fund, 13 returned 13.9 percent trailing one year. Bonds 14 relative values were the major contributor 15 strategy type, while systematic macros detracted. 16 The remainder one third are directional 17 hedge funds, which are of moderate beta. It had 18 seen exceptional performance across the board. 19 All together, the directional bucket delivered 20 28 percent. And we remain constructive that 21 today's rapidly evolving environment is conducive 22 to the security selection alpha, and that's also 23 our sourcing focus the next three years.

24

Zoom out of last year, since a decade

1 ago, PRIT hedge fund has come a long way.

Firstly, governance has been vastly enhanced, with
most investments in separate accounts that enable
control and fee savings.

Secondly, we successfully instilled a
diverse mindset sourcing and assessing talents.
Now, 54 percent of PRIT hedge fund are managed by
emerging managers and roughly a quarter by
minority managers.

10 Thirdly, through custom mandates, 11 co-investments and intelligence sharing, we have 12 built a roster of partners that's part of the 13 cornerstone for PRIM's ongoing success. The 14 innovative partnership approach is also what got 15 us the *Institutional Investors* recognition, 16 nominated by peers and asset managers.

17 Now, turning from hedge funds to put 18 spread collar enhanced equity program, which is 19 slightly over 1 percent of total PRIT and now 20 resides within domestic equity. The program 21 delivered 35.9 percent, outpacing benchmark by 22 about 790 bps. The superb performance was partly 23 due to rich volatility premium caused by 24 imbalanced supply and demand. And that's the

1 market environment we've been seeing and want to 2 share with you as well. 3 And with that, I'm happy to take any 4 questions regarding the performance as such. 5 TREASURER GOLDBERG: Any questions for Bill at all? 6 7 Okay then. 8 MR. NIERENBERG: Next we have a voting 9 item, Treasurer, from Maria Garrahan. 10 TREASURER GOLDBERG: I'm going to -- all 11 right. Here we go. 12 I seek a motion that the PRIM Board 13 approve the Investment Committee's recommendation 14 to select NEPC to provide asset allocation 15 advisory services as described in Appendix G of 16 the expanded agenda, and further to authorize the 17 executive director to take all actions necessary 18 to effectuate this vote. 19 Is there a motion? 20 MR. SHANLEY: So moved. 21 TREASURER GOLDBERG: Is there a second? 22 MS. FITCH: Second. 23 TREASURER GOLDBERG: All right then. 24 Maria.

MS. GARRAHAN: Good morning, everyone.
 Before we dive into the asset allocation
 advisory recommendation, I would like to share a
 quick update on the ESG initiative.

5 First, I'm excited to share that we have 6 a new addition to the research team. As Eric 7 described a few minutes before, Mini Kouame joined 8 a few weeks ago as an investment analyst. His 9 initial research focus will be on ESG as we 10 continue to build upon PRIM's existing ESG 11 research.

12 As a reminder, MassPRIM has taken a 13 leadership role as the founding member of MIT's 14 Aggregate Confusion Project, which is an ESG 15 research consortium aimed at addressing issues 16 around the lack of quality and consistency of ESG 17 data. In regard to the membership, MFS and AQR 18 have officially signed on as the second and third 19 members of the consortium.

20 MIT researchers have been focusing on, 21 one, attribute preferences and, two, noise 22 reduction techniques. These two work streams are 23 the vital foundation required in order to make 24 progress towards consistent and reliable ESG data.

Jason Jay and Roberto Rigobon plan to give a more 1 detailed update regarding these ongoing research 2 initiatives at the upcoming cycle. 3 And now we can jump into the asset 4 advisory services. 5 PRIM issued RFP for asset allocation 6 advisory services on August 24, 2020. PRIM 7 received four responses by the deadline of 8 September 25, 2020. Respondents are as follows: 9 Meketa, Verus, RVK and NEPC. 10 The evaluation committee consisted of 11 the investment committee member, Glenn Strehle, 12 and the following PRIM staff: Michael Trotsky, 13 Eric Nierenberg, myself, Maria Garrahan; David 14 Gurtz; Jay Leu and Matt Liposky. 15 The virtual finalist interviews were 16 held on October 13, 2020 for all four respondents. 17 All responses were thoroughly reviewed, and 18 finalists were selected based on criteria detailed 19 relative experience, stability and in the RFP: 20 depth of the proposed team dedicated to PRIM, 21 quality and suitability of the firm, client 22 references and fee proposal. 23 24 The evaluation committee would like to

bring forward to the PRIM Board our recommendation
 to select NEPC for the asset allocation advisory
 services as a result of this RFP process.

Headquartered in Boston, NEPC has been
solely focused on investment consulting, offering
these advisory services since inception in 1986.
The key persons dedicated to the PRIM relationship
are Michael Manning, Phil Nelson and Jennifer
Appel.

10 NEPC tailored their presentation to meet 11 the needs of MassPRIM's proprietary asset 12 allocation framework. In addition to the standard 13 scope of services, NEPC has extended this with the 14 inclusion of quarterly deliverables comprised of 15 the following: quarterly capital market 16 assumptions and macroeconomic landscape, an update 17 on peer asset allocation challenges and peer 18 capital market assumptions.

Finally, the proposed fee by NEPC of 20 230,000 annually for a five-year period with two 21 one-year extensions is a competitive bid as it is 22 a flat fee.

I would like to ask if anyone has anyquestions or comments at this point.

1	TREASURER GOLDBERG: Any questions or
2	comments?
3	I think you were very thorough, Maria.
4	MS. GARRAHAN: Thank you.
5	TREASURER GOLDBERG: If there are none,
6	I will proceed with the roll call vote. Everybody
7	ready?
8	Bob?
9	MR. BROUSSEAU: Yes.
10	TREASURER GOLDBERG: Ruth Ellen?
11	MS. FITCH: Yes.
12	TREASURER GOLDBERG: Jim?
13	MR. HEARTY: Yes.
14	TREASURER GOLDBERG: Theresa?
15	MS. McGOLDRICK: Yes.
16	TREASURER GOLDBERG: Peter?
17	MR. MONACO: Yes.
18	TREASURER GOLDBERG: Dennis?
19	MR. NAUGHTON: Yes.
20	TREASURER GOLDBERG: Paul?
21	MR. SHANLEY: Yes.
22	TREASURER GOLDBERG: Myself, yes. The
23	motion carries.
24	MR. TROTSKY: Thank you.

1 Before we move on, I just want to 2 acknowledge that Maria has a very important date 3 coming up on Saturday. She'll be getting married. 4 And on behalf of staff and the board, we 5 want to say congratulations and best wishes. 6 Enjoy your honeymoon. 7 MS. GARRAHAN: Thank you. I made sure 8 to plan the wedding around the board meeting 9 because I felt like that would be the best, you 10 know, kickstart to the wedding festivities. 11 I'm actually not kidding. 12 TREASURER GOLDBERG: I'm sure you're 13 not. Good for you. 14 MS. GARRAHAN: Thank you, everyone. 15 TREASURER GOLDBERG: You too. You're 16 officially off the hook now. 17 Okay. Next on the agenda is real 18 estate, and we have a voting item. Real estate 19 leverage. It's not real estate. 20 MR. LEU: That's right. 21 TREASURER GOLDBERG: That's right. It's 22 misleading, real estate. 23 Go ahead, Jay. 24 MR. LEU: Okay. And this is a voting

1 item so --

2 TREASURER GOLDBERG: So I'm going to do 3 the motion and the second, and then you'll go 4 ahead. 5 MR. LEU: Okay. Great. 6 TREASURER GOLDBERG: All right. I seek 7 a motion that the PRIM Board approve the 8 Investment Committee's recommendation to approve --9 now, this is multifaceted so hang in there. 10 One, eSecLending, PRIM's current 11 securities lending manager, to manage a general 12 collateral, primarily U.S. Treasury, securities 13 lending program and repurchase agreement as 14 needed; and Parametric, PRIM's current overlay 15 manager, to manage futures, total return swaps and 16 repos as needed, as described in Appendix H; and 17 further to authorize the executive director to 18 take all actions necessary to effectuate this 19 vote. 20 Now, I will tell you this had a lot of 21 discussion. So let's have the motion. 22 MR. SHANLEY: So moved. 23 MR. BROUSSEAU: Second. 24 TREASURER GOLDBERG: Okay. Great.

1	And now, Jay, go ahead.
2	MR. LEU: Thank you.
3	Hi. I'm Jay Leu, director of risk. And
4	as the Treasurer mentioned, please refer to
5	Appendix H in your materials.
6	And Tony, can you pull up and turn to
7	slide 2.
8	Okay. Thanks.
9	While I'm presenting the real estate
10	leverage recommendation today, I'd like to point
11	out that this has been a team effort with
12	collaboration across asset classes, public
13	markets, real estate and risk.
14	David Gurtz, Chuck LaPosta, John La
15	Cara, Matt Liposky, Tim Schlitzer, Shannon Ericson
16	and myself have worked together on this quite
17	closely and for quite a period of time on this.
18	And we've been exploring the financing options
19	from various different perspectives and various
20	different vendors.
21	And as was mentioned before, we've
22	received a lot of feedback and comments from
23	individual committee and board members, both from
24	the education seminar and the real estate

investment committee meetings and the material
 that were sent out. So we very much appreciate
 that collaboration as well.

4 David Gurtz and Chuck LaPosta were 5 co-presenters at the educational seminar last 6 month. And Chuck and David and Tim are on the 7 call and are each available for questions.

8 Today, we are looking to add tools or 9 financing options to PRIM's existing real estate 10 leverage program. And note: The PRIM real estate 11 asset class has a board-approved real estate 12 leverage policy.

And the real estate group manages the leverage program within the constraints of that policy. Among other things, the real estate group decides on the size or amount of borrowing; two, whether the borrowing is fixed or floating interest rate; and then the term or average maturity of the borrowing.

Today, we are not talking about those
decisions. We are talking about adding financing
options to the program.

23 So today, we are looking to add tools or 24 financing options to PRIM's existing real estate

1 leverage program. Currently, the real estate 2 program utilizes direct financing through, one, property mortgages; two, bank loans; and three. 3 4 private placement notes. 5 The real estate leverage program also 6 utilizes internal financing through PRIM's 7 securities lending program, where we lend out 8 largely equity securities. 9 Today, we're looking to add the 10 following tools or financing options: general 11 collateral, primarily U.S. Treasury lending in 12 PRIM's securities lending program. So we've been 13 lending out stocks. Now we're looking to add U.S. 14 Treasuries, but specifically general collateral U.S. Treasuries. 15 16 Two, repurchase agreements or repos, 17 very similar in spirit to the U.S. Treasury 18 securities lending; three, futures on equities and 19 U.S. Treasuries; and four, total return swaps on 20 equities and U.S. Treasuries. 21 Now, why are we looking to add these 22 tools or expand these financing options? The 23 reasons are really threefold. We're looking to 24 add these tools, number 1 and primarily, to lower

our financing cost; number 2, diversify our 1 2 financing options and increase our flexibility as markets change; and three, potentially add 3 4 leverage capacity if we seek it. 5 Now, on the cost front, these internal 6 financing options will have a lower interest rate 7 cost of over 100 basis points per year versus bank 8 loans or private placement notes. 9 Bank loans and private notes are 10 expensive, carrying a spread currently of 120 to 11 140 basis points for PRIM real estate. And PRIM real estate borrows at roughly a BBB level. 12 13 Internal financing, either securities 14 lending, Treasury repo, futures or total return 15 swaps, in contrast, is a cheap financing source at 16 roughly flat or zero spread to LIBOR. 17 Furthermore, general collateral Treasury 18 securities lending is and will be the lowest cost 19 of financing because it represents a 20 collateralized loan, with the highest quality 21 collateral being U.S. Treasuries. 22 So again, these internal financing 23 options -- repo, futures, total return swaps --24 will have a lower interest rate cost of over

100 basis points per year versus bank loans or
 2 private placement notes.

3 And note, all of these additional 4 tools -- this is just an aside -- repo, futures, 5 total return swaps, are short-term financing. 6 These tools can be coupled with interest rate 7 swaps to achieve fixed-rate financing for a term. 8 And we have been and are currently using interest 9 rate swaps for this purpose in the real estate 10 leverage program. In 2017, we combined a LIBOR-based bank 11 loan with an interest rate swap to get four-year 12 13 fixed-rate debt. So we have also used interest 14 rate swaps in conjunction with securities lending. 15 So while we are adding the short-term 16 financing tools, this does not mean we are turning 17 to short-term borrowing. Those tools can, as I 18 mentioned, be coupled with interest rate swaps, as

19 we have done in the past.

Now, in order to expand PRIM's financing options, we are recommending utilizing two of our existing managers. We're not looking to add new managers in this recommendation, but rather expand the tools or financing options of two of our 1 existing managers.

2 ESecLending has managed PRIM's 3 securities lending program since December 2014 and 4 is the largest independent securities lending 5 agent in the market. ESecLending's fee will be 6 approximately 10 basis points. 7 And Parametric has managed PRIM's cash 8 overlay program since October 2013, using futures 9 to equitize PRIM cash. Parametric manages over 10 \$137 billion in notional synthetic exposure for 11 235 institutional investors. Parametric's fee is 12 an extension of their current fee structure, and 13 that would be approximately two to three basis 14 points. 15 So the recommendation, in summary, at 16 the bottom is PRIM staff recommends, number 1, 17

approving eSecLending, which is PRIM's current
securities lending manager, to manage general
collateral, primarily U.S. Treasury, securities
lending program; and two, repo agreements. So
expanding their existing mandate for those two
options and to do that as needed.

And then the second recommendation is
PRIM staff also recommends approving Parametric,

1 PRIM's current overlay manager, to manage futures, 2 total return swaps and repo as needed. 3 So with that, I will ask if anyone has 4 any questions. 5 TREASURER GOLDBERG: Are there any 6 additional questions for Jay? 7 Boy, Jay. It had a lot more discussion 8 when we were at the investment committee level, 9 didn't it? 10 MR. LEU: Yes. 11 TREASURER GOLDBERG: I think probably, 12 for people here on the board, though, the 13 questions that we raised were all answered. 14 If there are no more questions, I will 15 move this to a roll call vote. 16 MR. BROUSSEAU: Madam Treasurer, just 17 could I just offer a comment? 18 TREASURER GOLDBERG: Sure. 19 MR. BROUSSEAU: I'm very much in support 20 of this article, but from a personal vantage 21 point, I want to give kudos to the entire group, 22 to Michael especially, for using this as a board 23 educational opportunity on July 13, when we had 24 that special Zoom meeting.

1 I don't know how many -- we all 2 participated in it, but there were a lot of the 3 concepts here that a nonprofessional investor --4 I'm a board trustee. A lot of these terms that 5 we're using, like repos and swaps and all that, 6 kind of foggy in your mind, but this put it all in 7 very clear perspective. 8 I'm hoping that in the future because of 9 this pandemic we've been in, when we have issues 10 like this, that Michael and the staff could put 11 together some more training sessions, which again, 12 is good board education, which we've been trying 13 to do. The retreats of course have been something 14 probably we have to cut down on because of the 15 pandemic. 16 But kudos to all of them. And I like 17 this kind of a format when we have an issue like 18 this. 19 TREASURER GOLDBERG: Agree. 20 MR. LEU: Thanks. 21 TREASURER GOLDBERG: So any other 22 comments before I do the vote?

23 Okay then. Bob?

24 MR. BROUSSEAU: Yes.

1 TREASURER GOLDBERG: Ruth Ellen? 2 MS. FITCH: Yes. 3 TREASURER GOLDBERG: Jim? 4 MR. HEARTY: Yes. 5 TREASURER GOLDBERG: Theresa? 6 MS. McGOLDRICK: Yes. 7 TREASURER GOLDBERG: Peter? 8 Peter? 9 MR. MONACO: Yes. 10 TREASURER GOLDBERG: Dennis? 11 MR. NAUGHTON: Yes. 12 TREASURER GOLDBERG: Paul? 13 MR. SHANLEY: Yes. 14 TREASURER GOLDBERG: Myself, yes. The 15 motion carries. 16 Okay. Moving right along, we're going to private equity, and we'll do a quick 17 18 performance summary, commitment summary, and then 19 we have one, two, three voting items. 20 MR. McGIRR: Thank you, Madam Treasurer. 21 This is Michael McGirr, director of private 22 equity. 23 First off, I'd like to welcome Helen 24 Huang to the private equity team. We're thrilled

1 to have her join. She's hit the ground running. I'll just have a few comments on the 2 private equity market before moving to performance 3 and opening up for questions and comments before 4 moving into our voting items today. 5 In short, the private equity market is 6 on fire. Private equity industry is on pace to 7 set records in 2021, across deal activity, exits, 8 fundraising. And this is all driven by government 9 stimulus, rebounding economy and the strong public 10 equity markets. 11 Global M&A in the first of 2021 half 12 topped \$2.8 trillion, which is an all-time record. 13 Buyout deal volume is on pace to pass records set 14 from the boom years of 2006 and 2007. 15 There's been a resurgence in IPO 16 activity, and that continued throughout Q2. For 17 example, there are 410 companies that went public 18 on the Nasdaq in the first half of 2021, which is 19 an all-time record. 20 Venture capital has certainly been a 21 beneficiary of the strong IPO activity, hitting 22 all-time records in the first half for capital 23 invested, exits and IPOs. Very strong 24

1 performance in that asset class.

Private equity valuations remain 2 elevated. U.S., median, EV to EBITDA multiples 3 for 2020 and into 2021 are topping 14 times. And 4 those high valuations continue to be supported by 5 accommodating debt markets. 6 Fundraising activity in our markets 7 8 continues at a robust pace. Currently there are 9 over 5,000 private equity and venture capital 10 funds in the market which are raising new equity, 11 which is an all-time record. 12 So with that as a market backdrop, some 13 quick comments on performance. Private equity had 14 a very strong quarter. We're up 14.8 percent 15 gross, 14.5 percent net. And that brought our one-16 year number up to 72.7 percent gross or the 17 70 percent net that Michael had mentioned earlier 18 in the meeting. 19 And that 70 percent compares very 20 favorably to the public market over comparable 21 periods of time. The Russell 3000, up 63 percent. 22 MSCI Europe up 48 percent for similar time 23 periods. 24 So that very strong one-year number, it

helped drag up our 3-, our 5- and our 10-year
numbers to 29, 26 and 21 percent, respectively,
all gross numbers.

Venture capital had an extremely strong quarter, up 35 percent for the quarter. And a very strong year, up 96 percent. So that performance essentially doubled the size of PRIM's venture capital program. Don't get to say that yery often.

10 Our entire PE program's assets have 11 increased to 13.8 billion. That's the biggest 12 it's ever been. As a percent of PRIT, we're 13 14.5 percent, also a new high watermark for 14 private equity.

Now, the increase in value has been driven by valuations, but it's also been driven in large part by realizations. Year to date 2021, the PE program has received back \$1.7 billion in distributions. So the portfolio continues to grow, but we're getting cash back on that treadmill that we've described before.

However, we're on pace to meet the goals that we set in our February meeting in terms of commitments. To date, we've committed roughly

\$2.3 billion to new funds and new co-investments. 1 And importantly, I'd like to join 2 Michael in congratulating the board and the entire 3 PRIM team on our strong 10-year performance, 4 recognized by the American Investment Council. 5 PRIM's private equity portfolio landed in the 98th 6 percentile for the 10-year net performance number 7 as of 6/30/2020. 8 So as a reminder, this is 6/30/2020. 9 It's about a year lag. So it doesn't include our 10 70 percent rate of return that I just mentioned. 11 So, excited to see how we land next year. 12 I'm going to stop my comments on 13 performance there, open up to comments, questions 14 on the portfolio or the market in general before 15 moving to our voting items today. 16 TREASURER GOLDBERG: Any questions on 17 all of this? 18 19 20 Mike, why don't you move along? Okay. 21 MS. FITCH: Just a comment. Fabulous 22 work. 23 MR. McGIRR: Thank you. 24 TREASURER GOLDBERG: Ruth Ellen, I think

actually you should make some signs. 1 2 MS. FITCH: Okay. 3 TREASURER GOLDBERG: "Fabulous work. 4 Innovation. Great team. Right on." 5 MS. FITCH: And don't forget, "Rah-rah." 6 TREASURER GOLDBERG: I'll get the 7 I'll send them out to everyone. We need pompoms. 8 team colors here. Any votes? 9 Just a little lightheartedness two hours 10 into our meeting. 11 Okay then. We should move on to the voting items. So let me pull that up. Give me 12 13 one second. I like to check off everything we've 14 completed. 15 MR. McGIRR: Sure. And our first voting 16 item is going to be presented by Alyssa Fiore with 17 regards to Stone Point. 18 TREASURER GOLDBERG: I will do the 19 motion and the second. And then, Alyssa, you can 20 take over. I seek a motion that the PRIM Board 21 22 approve the Investment Committee's recommendation 23 to approve the commitment of up to \$150 million to 24 Stone Point Trident IX LP, as described in the

expanded agenda, and further to authorize the 1 2 executive director to take all actions necessary 3 to effectuate this vote. 4 Is there a motion? 5 MR. BROUSSEAU: So moved. TREASURER GOLDBERG: 6 Second? 7 MR. SHANLEY: Second. 8 MS. FITCH: Second. 9 TREASURER GOLDBERG: Okay. Go ahead, 10 Alyssa. 11 MS. FIORE: Thank you, Madam Treasurer. 12 So just to remind everyone, at the last 13 board meeting, we tried a new format to spend less 14 time on our high conviction re-ups to free up time 15 to focus on new managers as well as initiatives on 16 the private equity team. 17 We received positive feedback from you 18 all, so we're going to try that format again 19 But please let us know of any questions or today. 20 additional feedback. 21 So turning to Stone Point. Stone Point 22 is an existing manager, and PRIM has made two fund 23 investments since 2017, as well as completed four 24 co-investments. All these investments are

1	performing well, and this is a great example of
2	how we've been able to scale a relatively new
3	relationship over a short period of time.
4	Stone Point is a leading private equity
5	firm that has been investing in financial services
6	for over 20 years. Trident IX will make
7	investments in large and middle market companies
8	in North America and seeks to partner with best-in-
9	class management teams.
10	Stone Point is raising seven and a half
11	billion for Trident IX, but we are recommending a
12	commitment of up to 150 million.
13	I'll now open the floor for any Q&A.
14	TREASURER GOLDBERG: Any Q&A?
15	We have none. So with that, we will do
16	the vote.
17	Bob?
18	MR. BROUSSEAU: Yes.
19	TREASURER GOLDBERG: Ruth Ellen?
20	MS. FITCH: Yes.
21	TREASURER GOLDBERG: Jim?
22	MR. HEARTY: Yes.
23	TREASURER GOLDBERG: Theresa?
24	MS. McGOLDRICK: Yes.

1 TREASURER GOLDBERG: Peter? 2 I think we lost Peter. 3 I'll try Dennis. 4 MR. NAUGHTON: Yes. 5 TREASURER GOLDBERG: Paul? 6 MR. SHANLEY: Yes. 7 TREASURER GOLDBERG: Myself, yes. The 8 motion carries. 9 Okay. Next item. 10 MR. McGIRR: The next item is Tidemark. 11 TREASURER GOLDBERG: Right. 12 MR. McGIRR: And we have a fund 13 recommendation as well as a voting item to add 14 Tidemark --15 TREASURER GOLDBERG: The co-investment 16 bench. Right. 17 So I'm going to take each one by itself. 18 So I'm going to seek a motion that the PRIM Board 19 approve the Investment Committee's recommendation 20 to approve the commitment of up to \$75 million to Tidemark Fund I LP as described in the expanded 21 22 agenda, and to further to authorize the executive 23 director to take all actions necessary to 24 effectuate this vote.

1	Is there a motion?
2	MR. NAUGHTON: So moved.
3	MR. BROUSSEAU: Second.
4	TREASURER GOLDBERG: Okay. Go ahead.
5	MR. McGIRR: Thank you, Madam Treasurer.
6	I'm going to be presenting this
7	investment recommendation for Tidemark, which is a
8	first-time fund that we're recommending
9	\$75 million.
10	Tidemark is led by Dave Yuan, who is a
11	former general partner at Technology Crossover
12	Ventures, TCV, with whom PRIM has invested with
13	since 2006.
14	We first learned of Dave leaving TCV in
15	the fall of 2020. And in January of this year,
16	2021, Dave founded Tidemark Capital, a San
17	Francisco-based private equity firm. Tidemark is
18	a diverse and emerging manager.
19	Dave spent the last 15 years at TCV.
20	I've gotten to know Dave over that period of time,
21	covering our positions with Technology Crossover
22	Ventures.
23	And because we've been invested with TCV
24	and we've known Dave, we're able to diligence his

body of work fairly easily. And what we found is
he's an incredibly hard worker. He's built up an
exceptional network, has the skills to source
attractive, hard-to-access investment
opportunities and has extremely sound investment
judgment.

Dave will employ the same investment
strategy at Tidemark that he's refined throughout
his career. He and his team will focus on
investing in small, growing, category-leading tech
businesses located primarily in New York.

12 Tidemark will target SaaS companies, 13 software as a service, dedicated to specific 14 industry verticals that provide small businesses 15 with a system of record. Tidemark likes these 16 businesses because they have the opportunity to 17 combine enterprise software, data, consumer 18 marketplaces and fin tech together to create 19 strategically important and fundamentally sound 20 businesses.

21 An example of this type of business 22 model is the company Toast. And many of you all 23 will recognize that company, either through the 24 point of sale at restaurants or through the app on

2	Tidemark Fund I will make between 10 and
3	20 minority growth equity investments in companies
4	with revenues greater than \$10 million.
5	We're recommending a \$75 million
6	commitment to Tidemark Fund I. And we'd also like
7	to add them to the co-investment bench.
8	I'll stop my comments there. Happy to
9	take any questions or comments.
10	TREASURER GOLDBERG: Any questions?
11	Comments?
12	Hearing none, we will proceed to a vote.
13	Bob?
14	MR. BROUSSEAU: Yes.
15	TREASURER GOLDBERG: Ruth Ellen?
16	MS. FITCH: Yes.
17	TREASURER GOLDBERG: Jim?
18	MR. HEARTY: Yes.
19	TREASURER GOLDBERG: Theresa?
20	MS. McGOLDRICK: Yes.
21	TREASURER GOLDBERG: Did we get Peter
22	back? It's not lit up. I wonder if something
23	happened with his phone?
24	Okay. Dennis?

1	MR. NAUGHTON: Yes.
2	TREASURER GOLDBERG: Paul?
3	MR. SHANLEY: Yes.
4	TREASURER GOLDBERG: Myself, yes. The
5	motion carries.
6	Next motion, I seek a motion that the
7	PRIM Board approve the Investment Committee's
8	recommendation to add Tidemark Capital to the
9	board-approved co-investment manager bench as
10	described in the expanded agenda, and further to
11	authorize the executive director to take all
12	actions necessary to effectuate this vote.
13	Is there a motion?
14	MR. BROUSSEAU: So moved.
15	TREASURER GOLDBERG: Second?
16	MS. FITCH: Second.
17	MS. McGOLDRICK: Second.
18	TREASURER GOLDBERG: Okay. Mike, quick.
19	MR. McGIRR: We're adding Tidemark to
20	the bench. We're hopeful to work on co-investment
21	opportunities with them.
22	The overall co-investment program
23	continues to perform. We're excited about it.
24	And we're excited to share more details in

1	upcoming IC and board meetings on the
2	co-investment program in general.
3	TREASURER GOLDBERG: Great. Thank you.
4	So any further questions on that? If
5	not, I'll proceed to a vote.
6	All right. Ready?
7	Bob?
8	MR. BROUSSEAU: Yes.
9	TREASURER GOLDBERG: Ruth Ellen?
10	MS. FITCH: Yes.
11	TREASURER GOLDBERG: Jim?
12	MR. HEARTY: Yes.
13	TREASURER GOLDBERG: Theresa?
14	MS. McGOLDRICK: Yes.
15	TREASURER GOLDBERG: Yes, I know. I'm
16	just trying but Peter
17	MS. McGOLDRICK: I didn't think you
18	heard me.
19	TREASURER GOLDBERG: Yes.
20	Dennis?
21	MR. NAUGHTON: Yes.
22	TREASURER GOLDBERG: Paul?
23	MR. SHANLEY: Yes.
24	TREASURER GOLDBERG: Myself, yes. The

1 motion carries.

2 I think that's all for private equity. 3 MR. McGIRR: Thank you. 4 TREASURER GOLDBERG: It is. We're 5 moving on. Moving along, everyone, to real estate and timberland. Tim. 6 7 MR. SCHLITZER: Good morning, everybody. 8 We've got a couple of items today --9 TREASURER GOLDBERG: Hang on. You're 10 going to do performance, and then we've got one 11 voting item. 12 MR. SCHLITZER: That's right. 13 TREASURER GOLDBERG: Okay. 14 MR. SCHLITZER: So just for the record, I'm Tim Schlitzer. I'm director of real estate 15 16 and timberland. I'm not going to be referring to 17 any written materials today. 18 I just want to start off by thanking the 19 In the office, five days a week for the team. 20 entire fiscal year, really working hard. Have 21 been traveling a lot during 2021. Multiple trips 22 to the West Coast, the South, the mid-Atlantic 23 during this year to tour acquisition opportunities 24 and current holdings.

1 It's a really hands-on asset class, and 2 you know, we've been encouraged by the Real Estate 3 Committee and very much agree with them that we 4 should be out there seeing the assets. So we've 5 been doing that.

6 You just heard about the great work 7 being done to improve an already strong balance 8 sheet within the real estate LLC. John La Cara 9 leading that effort from our team. But as Bob and 10 others have said, a really collaborative effort 11 and a great effort. And you'll be hearing from 12 Christina in a moment on an opportunity that she 13 is leading that we have very strong conviction in. 14 The

14 So just a few words on the markets. The 15 capital markets in commercial real estate are 16 robust with significant capital-seeking 17 opportunities these days. I'm somewhat echoing I 18 think what Mike McGirr said as well.

At 250 billion in year-to-date volume in the U.S., the equity capital markets are tracking toward what would be a top-five year within the last 20 in terms of transaction volume.

23 Commercial real estate continues to be24 inexpensive compared to traditional fixed income

1 metrics. And this is important in a world with 2 potentially increasing inflation. I think we're 3 seeing that now. Less certain in terms of how 4 consistent that will be in the future. 5 But as demand recovers to varying 6 degrees in real estate, this is providing a lot of 7 comfort to investors, whether that inflation 8 continues or not. 9 So at this point in the calendar year, 10 we're closed or pending closed on 10 new 11 investments for approximately \$750 million in And that's not including the 12 total. 13 recommendation today from Christina. 14 That said, we think that we could 15 receive at least that much back in proceeds from 16 dispositions, so we continue to look for high 17 quality investments with scale. We do think that 18 the Berkshire investment fits the bill there. 19 You'll hear more on that. 20 Market fundamentals are strong. 21 Although still differentiated by property type, 22 PRIM did collect 96 percent of rents in the second 23 quarter, with no segment below 89 percent. And 24 that being retail, where we do remain underweight

1 and primarily holding grocery-anchored centers,

2 which have held up fairly well.

I'll just make a few points on
performance. So total real estate for the year
returned 17 percent. That's 847 basis points
above benchmark. Both the private and the public
strategies had strong performance. All managers
outperformed their benchmarks for the year, which
we were very glad to see.

10 On the private side, we did 12.5 percent 11 return. That's 511 basis points over the unlagged So that's the actual June benchmark. 12 benchmark. 13 The lagged performance was quite a bit in excess 14 of that, but I think this is the appropriate 15 apples-to-apples comparison. So good 16 outperformance, really driven by our overweights 17 to apartment and industrial use assets.

18 Portfolio leverage worked this year,19 adding 204 basis points to the core return.

And then on the public side, the REIT portfolio had a 38 percent return, more in line with public markets. And our managers did outperform in aggregate by 339 basis points. All sectors in global regions had strong performance 1 during the year.

2	And then I'll just echo what Michael
3	said earlier, which is particularly in real
4	estate, although across all asset classes, our
5	gross-to-net spread for the year was 60 basis
6	points. So that's our cost. And that includes
7	all of the corporate costs. So extremely
8	efficient for a private market portfolio.
9	Just moving to timberland, U.S. housing
10	starts do remain strong at 1.6 million units.
11	That's annualized. That was the June number. Up
12	6 percent month over month and up 29 percent for
13	the year.
14	Permits have been off a little bit.
15	They were off in June, but lumber prices have
16	fallen back to levels that are really much more
17	within a normal historical range, which I think
18	should support construction going forward.
19	You know, no doubt that you've read
20	about the forest fire activity in British
21	Columbia, in Oregon. Significant activity there.
22	I did want to point out that PRIM has no exposure
23	to these fires.
24	Containment has improved substantially

across the board. And I just saw that the big one 1 2 in Oregon, which was over 400,000 acres, was 3 actually 100 percent contained as of today, so 4 good news there, relatively speaking. 5 And while we'd obviously never wish for 6 it, these fires will take timber offline longer 7 term, which will likely increase timber prices 8 across certain segments going forward. 9 The capital markets in timberland have 10 picked up recently as housing strengthens, as I mentioned, and investors do focus more on 11 12 inflation. We're also seeing real evidence of 13 timberland demand driven by ESG considerations. 14 And that's expectations for an increased need for 15 carbon offsets by investors, corporations, 16 governments. 17 I'll mention -- this is public 18 information -- that one of PRIM's managers is 19 being acquired by a large New York-based asset 20 manager for this exact reason. So it's 21 interesting to see this playing out. 22 Just a few points on performance in timberland. Total timberland for the year 23 24 returned 8 percent. That's 489 basis points above

1 the, again, unlagged benchmark. So that's the 2 actual June number. Positive performance was 3 driven by our Pacific Northwest and our 4 Australasian portfolios, which returned 5 14.6 percent. 6 These regions have benefited from strong 7 Asian export markets as well as domestic markets 8 in Australia and New Zealand and a lower supply 9 overhang than the southern U.S. 10 And then lastly, I'll just mention 11 similar real estate. Very low gross-to-net spread 12 so our costs for the year just below 50 basis 13 points so also extremely efficient for a private 14 international portfolio. 15 So that is my report. I'm happy to take 16 any questions. Otherwise, I will hand it over to 17 Christina. 18 TREASURER GOLDBERG: Any questions for 19 Tim? 20 Is Christina going to be -- should I do 21 the motion? Is this on the vote? 22 MR. SCHLITZER: Yes. I think that would 23 be appropriate at this time for Berkshire. 24 TREASURER GOLDBERG: Okay. So I am

going to seek a motion that the PRIM Board approve 1 2 the Real Estate and Timberland Committee's 3 recommendation to approve the following: One, 4 commitment of up to \$25 million to Berkshire 5 Multifamily Value Fund V; two, investment of up to 6 \$75 million in the Multifamily Co-Investment 7 Opportunity, and three, up to \$100 million to be 8 invested in potential future co-investment 9 opportunities to be deployed at staff discretion, 10 subject to criteria as described in the expanded 11 agenda, and further to authorize the executive 12 director to take all actions necessary to 13 effectuate this vote. 14 Is there a motion? 15 MR. BROUSSEAU: So moved. 16 TREASURER GOLDBERG: Is there a second? 17 MR. SHANLEY: Second. 18 TREASURER GOLDBERG: Okay then. 19 Christina. 20 MS. MARCARELLI: Thank you, everyone. 21 Good morning. 22 We're recommending an investment of up 23 to \$200 million to the Berkshire Group, and it 24 will be held in PRIM's non-core real estate

1 portfolio.

As many of you may recall, Berkshire is an existing manager for PRIM. We're invested in two of Berkshire's real estate debt funds through our other credit opportunities fixed income portfolio. This would be our first investment with Berkshire focused entirely on the equity side.

9 They are a vertically integrated 10 Boston-based firm. They've been around since 11 1966 and have focused almost exclusively on owning 12 and operating multifamily properties across the 13 U.S.

We've gotten to know them through their 14 debt platform. And while they've really grown 15 that side of their business, they started as a 16 multifamily equity investor, which continues to 17 be their primary line of business. We think this 18 is an interesting opportunity to grow a 19 relationship with an existing manager in one of 20 their primary strategies. 21

22 Berkshire is raising Multifamily Value 23 Fund V. This is the fifth fund in Berkshire's 24 value-added fund series. It's a closed-end fund. The target size is 500 million of equity. PRIM

staff is recommending a \$25 million commitment. 1 The fund's strategy will be to acquire 2 Class A and B multifamily assets in strong 3 submarkets, targeting middle income renters, 4 implementing a light value-add strategy, which may 5 include improving operations at under-managed 6 properties, making capital improvements and 7 increasing rents and cash flow. 8 Berkshire is raising co-investment 9 capital for a current opportunity alongside the 10 fund, for which PRIM staff is recommending up to 11 \$75 million commitment. This is a multi-property 12 portfolio, diversified across markets and is a 13 pending transaction. 14 Minching and I actually traveled to see 15 some of these properties in the portfolio and were 16 impressed with the assets, the quality of 17 construction and the site selection of all of 18 them. 19 PRIM staff is also recommending approval 20 for an additional \$100 million of co-investment 21 capital to be invested at staff discretion in 22 potential future opportunities. Any co-investment 23 would be recommended to PRIM's chief investment 24

officer with notification to the Real Estate and 1 Timberland Committee. Each investment would be 2 required to meet certain criteria, including 3 proper alignment and control and a strategic fit 4 within Berkshire's skill set. 5 These opportunities are attractive for 6 several reasons, including Berkshire is a 7 multifamily specialist. They self-manage all 8 their properties through their property management 9 We would be expanding a relationship with an arm. 10 existing manager into a strategy that they have 11 been successfully executing for many years. 12 We're able to immediately deploy 13 significant co-investment dollars alongside the 14 fund investment. And lastly, PRIM recently closed 15 on the sale of an existing multifamily asset that 16 was very large, it was a single-property 17 investment, and highly concentrated. 18 So we're able to redeploy some of that 19 capital into a more diversified portfolio in 20 markets where PRIM currently has little exposure. 21 So with that, I will open it up to any 22 questions or comments. 23 24 TREASURER GOLDBERG: Any questions or

1	comments for Christina?
2	Hearing none, we're ready for the vote
3	then.
4	Bob?
5	MR. BROUSSEAU: Yes. I had to unmute
6	myself.
7	TREASURER GOLDBERG: Okay. Ruth Ellen?
8	MS. FITCH: Yes.
9	TREASURER GOLDBERG: Jim?
10	MR. HEARTY: Yes.
11	TREASURER GOLDBERG: Theresa?
12	MS. McGOLDRICK: Yes.
13	TREASURER GOLDBERG: Peter?
14	MR. MONACO: Yes.
15	TREASURER GOLDBERG: Dennis?
16	MR. NAUGHTON: Yes.
17	TREASURER GOLDBERG: Paul?
18	MR. SHANLEY: Yes.
19	TREASURER GOLDBERG: Myself, yes. The
20	motion carries.
21	Thank you.
22	Okay. I think that might be it for real
23	estate and timberland. It is.
24	And we go to finance and administration.

And we have one, two voting items. 1 2 We're getting close, everybody. I just 3 wanted to give you a heads-up. 4 And I'll bet anything that Tony's going 5 to jump in. That's correct. Would you 6 MR. FALZONE: 7 feel comfortable doing the motion first and then 8 having me go ahead or --9 TREASURER GOLDBERG: Yes. I'm going to 10 do the motion. 11 MR. FALZONE: Okay. 12 TREASURER GOLDBERG: All right. I would 13 seek a motion that the PRIM Board approve the 14 Admin and Audit's recommendation to approve the 15 issuance of a request for proposals for board 16 governance, consulting and fiduciary education 17 services as described in the expanded agenda, and 18 further to authorize the executive director to 19 take all actions necessary to effectuate this 20 vote. 21 Is there a motion? 22 MR. NAUGHTON: So moved. 23 MR. SHANLEY: So moved. 24 TREASURER GOLDBERG: And is there a

1 second?

2 MS. McGOLDRICK: Second. 3 MS. FITCH: Second. 4 MR. FALZONE: Great. Thank you, Madam 5 Treasurer. Good morning, everyone. I can sneak this 6 in while it is still "morning". We're still not at 7 lunchtime quiteyet. 8 I'm Tony Falzone, deputy executive 9 director and chief operating officer. 10 We're on page 26 of the expanded agenda. 11 These two voting items shouldn't require much 12 discussion so I just wanted to take a guick moment 13 and acknowledge my team if I could. Welcome Joe 14 Kamotho to my team. Very excited to have him on 15 board. 16 And I won't talk as long as I did at the 17 Admin and Audit Committee meeting about my team 18 and their contribution to our success. 19 You all know the operations team 20 leaders, Deb Coulter, our CFO; Matt Liposky, our 21 chief investment operating officer; and Michelle 22 Witkes, our director of human resources; David 23 Griswold, our IT director; and then Francesco 24 Daniele, who is

our director of client service. You know about
 them. You know the great work they do. They
 present often at some of these meetings.

But there are also many team members 4 behind the scenes that work very hard and still 5 play a critical role in PRIM's success. Most of 6 them are listening in today. And these folks 7 ensure that the PRIM Board and the PRIT Fund's 8 reporting is timely, is accurate, and remains award-9 They make sure our clients are wellwinning. 10 serviced. They make sure our complex investment 11 program is implemented and executed correctly. 12 I guess I just wanted to spend a minute 13 and thank those folks. I'm not going to call 14

any of them out because they get embarrassed so I
won't do that. But I do want to thank them for
the incredible job they do every year, and
especially this year in what was a very

19 difficult time.

20 So I just wanted to say that before we 21 got into the voting item. So thank you for 22 that. 23 So as you know, this item, routine RFP. 24 PRIM's current governance consultant, Cortex

1 Applied Research, they're in the process of 2 winding down their governance practice. They 3 expect to have it wound down by the end of the 4 year. So we're going to be issuing an RFP, and 5 our RFP process is pretty standard. 6 So I have nothing else to add unless 7 there are any questions. 8 TREASURER GOLDBERG: Are there any 9 questions? 10 Hearing none, I'm going to proceed to 11 the vote then. 12 Bob? 13 MR. BROUSSEAU: Yes. 14 TREASURER GOLDBERG: Ruth Ellen? 15 MS. FITCH: Yes. 16 TREASURER GOLDBERG: Jim? 17 MR. HEARTY: Yes. 18 TREASURER GOLDBERG: Theresa? 19 MS. McGOLDRICK: Yes. 20 TREASURER GOLDBERG: Peter? 21 MR. MONACO: Yes. 22 TREASURER GOLDBERG: Dennis? 23 MR. NAUGHTON: Yes. 24 TREASURER GOLDBERG: Paul?

1 MR. SHANLEY: Yes. 2 TREASURER GOLDBERG: Myself, yes. The 3 motion carries. 4 Seek a motion that the PRIM Board Okav. approve the Administration and Audit Committee's 5 6 recommendation to approve the issuance of a 7 request for proposals for information technology 8 consulting and support services as described in 9 the expanded agenda, and further to authorize the executive director to take all actions necessary 10 11 to effectuate this vote. 12 Is there a motion? MR. BROUSSEAU: So moved. 13

14 TREASURER GOLDBERG: Is there a second?
15 MR. NAUGHTON: Second.

16 TREASURER GOLDBERG: Okay.

17 MR. FALZONE: Great. Thank you.

18 So this is another routine item. The 19 contract extension for our current information 20 technology consultant, Edge-Tech, expires on 21 December 31, 2021. So we'll be issuing an RFP, as 22 well as looking at the current approved vendor 23 list for any options we may have there.

24 TREASURER GOLDBERG: Any questions for

1	Tony on that?
2	Hearing none, drumroll. This is our
3	lost roll call of the day.
4	MR. BROUSSEAU: Yes.
5	TREASURER GOLDBERG: Ruth Ellen?
6	MS. FITCH: Yes.
7	TREASURER GOLDBERG: Jim?
8	MR. HEARTY: Yes.
9	TREASURER GOLDBERG: Theresa?
10	MS. McGOLDRICK: Yes.
11	TREASURER GOLDBERG: Peter?
12	MR. MONACO: Yes.
13	TREASURER GOLDBERG: Dennis?
14	MR. NAUGHTON: Yes.
15	TREASURER GOLDBERG: Paul?
16	MR. SHANLEY: Yes.
17	TREASURER GOLDBERG: Myself, yes. The
18	motion carries.
19	Okay then. Proposed 2022 PRIM Board and
20	committee meeting schedule. Has everyone received
21	it?
22	MR. FALZONE: This is a meeting early.
23	I just like to get out in front of it. Just let
24	me know if there are any conflicts, and I'll do

what I can to accommodate as many people as I can. 1 2 Thank you. 3 No vote. Just easy stuff. 4 TREASURER GOLDBERG: So legislative 5 I don't believe that Emily Kowtoniuk is update. 6 on. She's on vacation this week. 7 Is anyone else going to step in? Sarah 8 Kim, are you? 9 MS. KOWTONIUK: I'm here. 10 MR. FALZONE: Emily is on the phone. 11 MS. KOWTONIUK: I'm back. TREASURER GOLDBERG: Oh, I thought you 12 13 were away. The picture you sent last night was at 14 a beach. 15 MS. KOWTONIUK: I was reminiscing. That 16 was last week. 17 TREASURER GOLDBERG: Sorry about that, 18 Emily. 19 MR. FALZONE: Thank you, Emily, for 20 joining us. 21 MS. KOWTONIUK: Yes. Thank you. And I 22 will be very brief. 23 So the legislature is on their August 24 recess, and prior to recess, they did wrap up the

1 FY '22 budget process.

2 Of note to PRIM, the final budget did 3 not include language altering the PRIM Board's 4 composition, but it did include an extra infusion 5 of cash into the PRIT Fund of \$250 million. So 6 the comptroller's currently working on a schedule 7 for that transfer, and we could see additional 8 transfers in either the FY '21 closeout stuff or 9 in an ARPA budget this fall. So we expect an 10 active fall and will continue to monitor as 11 needed.

12 TREASURER GOLDBERG: And the only thing 13 that I would like to add to that, and we've been 14 sharing this with Tony and with Michael and others 15 internally, that we have guite a number of 16 activist legislators who are filing lots of bills, 17 many of which can impact PRIM. So we are 18 following a lot of them very carefully and keeping 19 Michael and Tony and others in the loop on what we 20 hear and see. 21 Would you say that's a fair assessment,

22 Emily?

23 MS. KOWTONIUK: Yes. Absolutely.

24 TREASURER GOLDBERG: Lots of interesting

things. And Michael noted that too, that you have
 never seen quite as many things going on in the
 legislature.

4 For those who aren't familiar with Seth 5 Gitell, beyond being an incredible professional, 6 he will be really terrific eyes and ears for --7 and the timing of his arrival is really ideal. 8 He's highly experienced. He really knows the 9 building. And yet he is a very guiet, low key kind of guy. Perfect for this role. 10 11 So are there any other matters? Yes, Bob? 12 13 MR. BROUSSEAU: Madam Treasurer, I 14 mentioned it at the admin meeting. I just, once 15 again, for the entire board's knowledge, I'd like 16 to congratulate Tony. As you look at the 17 financials for the end of the year for the 325-18 plus million dollar budget, they came and that 19 budget was 0.6 percent of hitting the expenses, 20 with the appropriation right on target. 21 Tony, you'd better be a genius to figure 22 this out. 23 MR. FALZONE: Deb Coulter is the genius, 24 not me, for sure. A lot of that is her work. So

1 I'll pass that on. She's on vacation this week, 2 but I'll pass that on to her. Thank you. 3 TREASURER GOLDBERG: A well-deserved 4 vacation, I might add. 5 MR. FALZONE: Oh. for sure. For sure. 6 TREASURER GOLDBERG: Anyway. Of course 7 a woman achieved that. 8 MR. TROTSKY: I think that ends our 9 I just want to thank everybody again for agenda. 10 your confidence in me and the entire PRIM team. 11 It was a great year, but we're looking forward to 12 continued success next year. 13 And again, your encouragement, your 14 support, your recognition means the world to me 15 and the entire PRIM team. So thank you. 16 TREASURER GOLDBERG: Well. it's a 17 pleasure, Michael. 18 MS. FITCH: Thank you. 19 TREASURER GOLDBERG: And for your next 20 act, we expect you to break this year's record. 21 Just saying. Anyway, all right, everybody. 22 If 23 there's no further discussion, I would seek a 24 motion to adjourn.

1	MR. BROUSSEAU: So moved.
2	MR. NAUGHTON: So moved.
3	TREASURER GOLDBERG: A second?
4	MS. FITCH: Second.
5	MS. McGOLDRICK: Second.
6	TREASURER GOLDBERG: All right then.
7	It's still a roll call.
8	So Bob?
9	MR. BROUSSEAU: Yes.
10	TREASURER GOLDBERG: Ruth Ellen?
11	MS. FITCH: Yes.
12	TREASURER GOLDBERG: Jim?
13	MR. HEARTY: Yes.
14	TREASURER GOLDBERG: Theresa?
15	MS. McGOLDRICK: Yes.
16	TREASURER GOLDBERG: Peter?
17	MR. MONACO: Yes.
18	TREASURER GOLDBERG: Dennis?
19	MR. NAUGHTON: Yes.
20	TREASURER GOLDBERG: Paul?
21	MR. SHANLEY: Yes.
22	TREASURER GOLDBERG: Myself, yes. The
23	motion carries. Thank you, everyone.
24	(Meeting adjourned at 11:58 a.m.)