1	COMMONWEALTH OF MASSACHUSETTS PENSION RESERVES INVESTMENT MANAGEMENT BOARD
2	PENSION RESERVES INVESIMENT MANAGEMENT BOARD
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10	Minutes of the Board Meeting
11	Wednesday, September 9, 2020
12	commencing at 9:32 a.m.
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14	(CONDUCTED REMOTELY)
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23	PRIM Board Offices 84 State Street
24	Boston, Massachusetts

1	ATTENDEES
2	(Via Zoom)
3	Board Members
4	• Treasurer Deborah B. Goldberg, Chair
5	• Robert L. Brousseau • Ruth Ellen Fitch
6	James B.G. HeartyTheresa F. McGoldrick, Esq.
7	• Peter Monaco • Dennis J. Naughton
8	 Carly Rose Paul E. Shanley, Esq.
9	
10	Other Presenters:
11	• Michael Bailey • Anthony Falzone
12	• Alyssa Fiore • Maria Garrahan
13	• David Gurtz • Jason Jay
14	• Emily Kowtoniuk • John La Cara
15	• Bill Li • Eric Nierenberg
16	• Roberto Rigobon • Tim Schlitzer
17	• Chris Supple • Paul Todisco
18	• Michael Trotsky • Michelle Witkes
19	• Sarah Zatoonian
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1	PROCEEDINGS
2	A meeting of the Pension Reserves
3	Investment Management Board (PRIM Board) was held
4	remotely on September 9, 2020. The meeting was
5	called to order and convened at 9:32 a.m.
6	Treasurer and Receiver-General Deborah Goldberg
7	chaired the meeting. Co: audio -00:00:01:29
8	TREASURER GOLDBERG: To begin, this
9	meeting is being held by Internet and telephone in
10	accordance with the provisions of the Governor's
11	March 12, 2020 order that allows remote
12	participation by all members of a public body and
13	suspends the requirement that a quorum and the
14	chair be physically present, provided that the
15	public has access to the meeting through
16	technology that enables the public to clearly
17	follow the proceedings while they are occurring.
18	Accordingly, all members of this board
19	will participate today remotely via telephone
20	and/or Internet-enabled audio and
21	videoconferencing.
22	All votes in today's meeting will be
23	taken by roll call. Public access to the
24	deliberations of the meeting today will likewise

1 be provided via telephone with all documents 2 referenced at the meeting today to be viewed on 3 PRIM's website, which is www.mapension.com. All persons speaking in today's meeting 4 5 are asked first to identify themselves. 6 Also the Open Meeting Law requires 7 anyone wishing to record a meeting to first notify 8 the chair so that the chair can inform the other 9 attendees. Thus far, no one has indicated to me, 10 unless somebody wants to indicate to me right now, 11 that they are recording today's meeting. 12 But if you do intend and you are not 13 informing me now, please then notify Beth Herlihy 14 by email at eherlihy@mapension.com. 15 With that, we will move on to the first 16 roll call vote, which will be approval of the PRIM 17 board meeting minutes. And I seek a motion that 18 the PRIM Board approve the minutes of its May 21, 19 2020 meeting and further authorize the executive 20 director to take all actions necessary to 21 effectuate this vote. 22 Is there a motion? 23 MR. SHANLEY: So moved. 24 MR. BROUSSEAU: Second.

1 TREASURER GOLDBERG: All those in favor? 2 Bob? 3 MS. FITCH: Aye. 4 MR. BROUSSEAU: Aye. 5 TREASURER GOLDBERG: No. Sorry, Bob. 6 Who spoke before Bob? 7 MS. FITCH: I did. Ruth Ellen. 8 TREASURER GOLDBERG: It has to be roll 9 call, Ruth Ellen. 10 MS. FITCH: All right. TREASURER GOLDBERG: Bob? 11 12 MR. BROUSSEAU: Yes. 13 TREASURER GOLDBERG: Carly? 14 Carly was on. 15 MS. McGOLDRICK: She's muted, I think. 16 TREASURER GOLDBERG: I'll come back to 17 you, Carly. 18 Dennis? 19 MR. NAUGHTON: Yes. 20 TREASURER GOLDBERG: Theresa? 21 MS. McGOLDRICK: Yes. 22 TREASURER GOLDBERG: Jim? 23 MR. HEARTY: Yes. 24 TREASURER GOLDBERG: Paul?

MR. SHANLEY: Yes. 1 2 TREASURER GOLDBERG: Ruth Ellen? 3 MS. FITCH: Yes. Didn't change. TREASURER GOLDBERG: And myself. 4 5 I did see Carly, but we can't have 6 her --7 You know what, Carly? I see a message 8 from you on a yes, but unfortunately we have to 9 hear you from audio for it to be effective. 10 That's my understanding. 11 Correct, Chris? MR. SUPPLE: Yes. That's correct. 12 TREASURER GOLDBERG: That's right. So 13 14 we'll have to just go with what we have until 15 Carly can get back on. 16 Sarah Kim also said she's having 17 difficulty. I just wanted to, Tony Falzone, give 18 you that heads-up. 19 I see Carly's name. She's back. 20 Well, we're going to keep on going, but 21 we are moving on to the next item on the agenda, 22 which is the executive director/chief investment 23 officer report, summary, and organizational 24 updates, and PRIT Fund performance.

1 MR. TROTSKY: Thank you, Treasurer. 2 Can everyone hear me okay? 3 MS. McGOLDRICK: Yes. MR. TROTSKY: Excellent. Welcome to the 4 5 September board meeting. Thanks for coming today, and I hope you all had as nice a --6 7 TREASURER GOLDBERG: Michael, I'm going 8 to stop you for a minute. I don't know if anyone 9 else received -- yes, we got an email at 9:18 a.m. 10 from Elizabeth Herlihy notifying us that two 11 people are recording the meeting. 12 One is Peter Benson, Real Estate Fund 13 Intelligence. The other is Colin Young with State 14 House News Service. And that also in attendance 15 is Gar Chung from Financial Investment News and Connor Owen from Fundmap. 16 17 See, having four devices is very 18 helpful. And Carly's back. 19 MS. ROSE: Hi. Sorry about that. 20 TREASURER GOLDBERG: Okay. So aren't I 21 effective? 22 MR. TROTSKY: Excellent. Thank you, 23 Treasurer, and welcome to the meeting, everybody. 24 Hope you had as nice a summer as you could

1 possibly have with all that's going on.

2 Again, I ask that all participants please put their settings on mute during the 3 presentations to minimize background noise. We 4 have a lot of participants on today. And we also 5 ask that everyone take extra care to ensure we 6 maintain the decorum and level of formality that's 7 8 appropriate for a meeting of the board. Thank you so much for your cooperation. 9 We will be referring to slides today 10

11 that have been sent to you and also posted to our 12 website. And the Treasurer said what the website 13 is. I have a different way of saying it. It's 14 www.mapension.com. All one word. And you can 15 find the presentation there.

But before beginning today's formal agenda, I really want to announce two very significant and very exciting new developments. First, and this is really hot off the

20 presses, yesterday, we announced an important new 21 partnership with the MIT Sloan School's 22 Sustainability Initiative. And there, you can see 23 the press release that went out late yesterday. 24 And I actually signed the agreement this

1 morning so it is hot off the presses.

2 Maria Garrahan, PRIM's director of 3 research, together with Eric Nierenberg, our director of strategy, and of course Investment 4 Committee member Michael Even worked very hard to 5 establish PRIM as the very first founding member 6 7 of the Aggregate Confusion Project, a research 8 project led by Dr. Jason Jay and Dr. Roberto Rigobon, two of the world's foremost academics on 9 the subject of sustainable investing. And you 10 11 will hear from both of them later today. 12 We're extremely excited to partner with MIT. The project launches a new consortium of 13 researchers designed to solve ESG investing's most 14 challenging issues. And we believe that through 15 this research partnership, which will essentially 16 be an extension of PRIM's research staff, PRIM and 17 18 MIT together can lead the industry in developing more robust and more impactful ESG measurement 19 techniques, which ultimately will lead to more 20 impactful investment strategies. 21 So we're very, very excited about that. 22

23 You'll hear more about that today.

24

1 Next and from this press release 2 displayed on your screen, you may have noticed 3 that PRIM has changed its logo. There it is. This is an element of a launch very soon of a 4 5 completely new and more informative PRIM website. Within days, I'm told. 6 7 This has been a major focus for Beth 8 Herlihy, our new communications director, in her 9 first months here at PRIM. And she is in the 10 final stages of testing so please be on the 11 lookout for the official launch, again in the 12 coming days. And again, this is what it will look like. I think it looks good. 13

14 Congratulations, Beth. I know that 15 launching a new website in your first days as our 16 new communications director is very ambitious and 17 praiseworthy. So very good job. I think it looks 18 great. I'm excited about it.

19 So there's a lot to discuss today, and 20 for scheduling reasons, this meeting comes quite 21 late in the quarter. It's usually in August. So 22 I'll keep my performance remarks brief today, and 23 I've asked each asset class head to do the same 24 because by now, the June performance, which we

covered in some detail in July, is quite stale.
 And as you know, there was a very large rebound in
 the markets in July and August, so again, it makes
 the June performance quite stale. We'll give you
 some updates on that.
 But first, an organizational update.

I'm pleased to announce that this summer we welcomed three new interns. Claire Xie joined PRIM on June 22 and worked with the real estate and timber team, reporting to Christina Marcarelli. She comes to us through the CFA Society Boston internship program, and she's a rising senior at Bentley.

14 Olivia Larder joined PRIM on July 6 and 15 is working on the public markets team, reporting 16 to Andre Abouhala. She comes from Girls Who 17 Invest scholarship program and is a rising junior 18 at Boston College.

19 Siyuan Yang joined PRIM on July 20 and 20 is working on the PCS team, reporting to Bill Li. 21 He comes to us through Brandeis University 22 International Business School. He's a candidate 23 there for a master of science in finance.

24

And we're very excited that the three of

you were able to join us. A lot of internship 1 2 programs were cancelled this summer, and we are 3 very happy and pleased that we continued ours. Organizationally, fiscal 2020 was a 4 5 really outstanding year, another outstanding year. And consistent with board-approved hiring plans, 6 7 we've filled nine staff vacancies this year with 8 top talent. All were diverse. And only one 9 senior-level employee departed. And there were no 10 departures in fiscal year 2019. 11 We also welcomed a total of eight new 12 interns during fiscal year 2020. All of them were diverse candidates or interns. And of course we 13 14 have exceptional investment, finance and operation 15 professionals here at PRIM. And all of our job 16 postings literally attract hundreds of talented, 17 well-qualified applicants. I've said it before, 18 and I'll say it again. There's no greater 19 compliment that we can receive than receiving this amount of interest to work here at PRIM. 20 21 Our team continues to be recognized 22 nationally for the success and innovation of our 23 investment program and for the transparency and 24 completeness of our financial reporting. And this

staff -- we're comparatively small compared to 1 2 other pension plans -- researched and deployed approximately \$5.4 billion -- \$5.4 billion -- in 3 new board-approved investments in fiscal year 4 2020. That's admirable productivity in what has 5 been a very, very challenging year. 6 Next an update on our reopening. 7 8 Following guidance from the Governor, the Treasurer, and other officials, PRIM offices were 9 shut down for more than three months starting in 10 mid-March. And during that time, all staff 11

12 thankfully was able to work remotely without much13 difficulty.

14 PRIM offices reopened on Monday, June 29, and staff was encouraged to adopt a 15 return approach that worked for their personal 16 circumstances. And even though we are considered 17 an essential service, returning to the office is 18 entirely voluntary, thanks to the IT 19 infrastructure that we have in place. Still, I'm 20 very pleased that approximately 30 to 40 percent 21 of our employees, 15 to 20 of us, are back in the 22 office each day. 23

24 And of course the reopening was made

possible by the Governor's directives and guidance in consultation with the Treasurer and her staff. The operations team here at PRIM studied this guidance and the protocols thoroughly and determined that our office configuration and size allow us to adhere completely and safely to the health protocols.

8 We also have the added benefit of being 9 on the second and third floor here at 84 State 10 Street, a building which the pension fund owns. 11 Being on the second and third floor of course 12 greatly reduces the need to use elevators. We have staircases that have access to our offices. 13 14 And of course while the health and 15 safety of our staff and families is our number 1 16 priority, we are also committed to safely and 17 gradually welcoming more employees to our offices 18 as the guidance and their personal circumstances 19 allow.

I believe opening is an important step in optimizing our productivity, maintaining our collaborative culture and encouraging innovation and efficiency here at PRIM. And I couldn't be prouder of how our teams at PRIM performed through

all the challenges of this difficult situation.
 Of special note, in mid-March, a PRIM
 employee was diagnosed with COVID-19, but I'm
 pleased to report the employee has recovered fully
 and is back at work. We're very thankful for this
 wonderful outcome.

7 In the area of national recognition, I'm 8 happy to report that in July, the American 9 Investment Council announced that PRIM Private 10 Equity ranked number 2 in private equity returns 11 among 176 U.S. public pension funds based on 12 10-year performance. And PRIM is the only fund 13 that has been in the top five of all private 14 equity portfolios every year that the American 15 Investment Council has conducted the study, 16 including number 1 rankings last year in 2019, 17 number 1 rankings in 2018, number 1 in 2015 and 18 number 1 in 2013. We're extremely proud of this 19 accomplishment.

20 And incidentally, the 10-year 21 performance of our private equity portfolio was 22 16.4 percent net of all fees and was only 30 basis 23 points behind the number 1-ranked fund this past 24 year. Private equity is an important return

1 driver at PRIM and is PRIM's highest performing 2 asset class by more than 5 percent annualized. 3 Congratulations to Mike Bailey and your outstanding team for this accomplishment, and you 4 5 deserve this recognition so much. 6 Moving on to markets and PRIT Fund 7 performance. Slide 3, please. 8 There it is. You've seen this chart 9 before. It shows the market correction in March 2020 -- that's the black line -- when 10 11 equities fell 34 percent in 20 days. That was the 12 fastest on record, going back to the Great 13 Depression, but it was not the deepest. 14 The deepest correction you can see on 15 this chart was during the Great Depression -that's the blue line -- when stocks fell 16 17 86 percent over 34 months. This chart doesn't 18 even extend 34 months so there's actually another 19 leg down off of this chart. 34 months, nearly 20 three years was how long the Great Depression 21 lasted. 22 And of course the March 2020 market 23 correction lasted only 20 days, not 20 months,

24 which is the average of the 14 major corrections

1 that we've had since the Great Depression. The 2 March correction was unusually sharp and steep. 3 And the rebound, the bounce off the bottom, was also unusually fast and steep. You can see that. 4 5 It looks like a perfect V. 6 Since the lows on March 23, the S&P is now up more than 50 percent. It had been up more 7 8 until the last three days, but now through 9 yesterday, the S&P is still up more than 10 50 percent since its lows on March 23. It hit 11 record levels last month. 12 We have seen a complete reversal in just 13 five months, a near 85 percent swing. Down 14 34 percent from mid-February to mid-March, and up 15 more than 50 percent since the lows. 16 An 85 percent swing in a very short time period in extreme market volatility is difficult 17 18 to navigate. And I'll remind you that as a result 19 of our strategic long-term asset allocation 20 studies, we have gradually decreased the PRIT 21 Fund's exposure to equities from a midpoint of 22 50 percent five years ago to 39 percent today. 23 Lower exposure to equities contributed to our very 24 strong performance in the March quarter, but the

1 lower exposure to equities was a headwind in the 2 June guarter when equities soared.

3 Next slide, please.

Nevertheless, in the context of a very 4 5 difficult, volatile and uncertain investment environment, we were very, very pleased to report 6 that we actually made money during fiscal 2020. 7 8 The PRIT Fund net asset value grew \$1.5 billion. It was up 2.4 percent gross, 2.0 percent net of 9 all fees, to \$75 billion, while we also paid out 10 11 \$1.3 billion in benefits to retirees. Notably, 12 the PRIT Fund continues to have no liquidity issues. We are fully able to meet all benefit 13 obligations, even in March during the depths of 14 the correction. 15

16 And ironically, while PRIM's private 17 equity portfolio is garnering national 18 recognition, as I mentioned before, and continues 19 to be our best performing asset class over the 20 long term and the second best asset class during 21 fiscal year 2020, it is also the primary reason 22 the PRIT Fund underperformed its benchmark by 23 approximately 150 basis points in the fiscal year 24 ended June. The relative underperformance was due

almost entirely to a private equity benchmarking 1 2 anomaly that had occurred in the June quarter. And incidentally, it also occurred to 3 the PRIT Fund, in the world financial crisis in 4 '08 and '09. It is no way indicative of the 5 underlying strength of our private equity 6 portfolio, but these anomalies do happen from time 7 to time, and they are exaggerated during periods 8 of extreme volatility. 9

Let me explain. There's actually a 10 mismatch in time periods built into our 11 performance reports, and we'll be addressing that 12 in the coming year. The private equity one-year 13 performance, which again was up 4.4 percent, is 14 compared to a long-term seven-year average of a 15 public markets benchmark. So private equity, one 16 year is compared to a seven-year average of a 17 public markets benchmark, actually the Russell 18 3000 plus 3 percent. 19

20 And this happened, of course the seven-21 year period, in a period when public markets have 22 been very, very strong. If we were to compare 23 similar time periods, comparing the seven-year 24 average return of the PRIT PE portfolio, that was

1 up 18.8 percent, to the seven-year average return 2 of the benchmark, again up 14.3 percent, the PRIT 3 Fund outperformed by more than 4 percent. And again, comparing short-term 4 5 performance one year to a longer term benchmark, a seven-year average, can result in dramatic 6 7 differences, especially during volatile markets, 8 and that's exactly what occurred during the June 9 reporting period. 10 We expect this phenomenon to reverse 11 over time, just as it did during the global 12 financial crisis, again when the PRIT Fund last 13 exhibited the same benchmarking anomaly. 14 And in fact, this is new news today, 15 based on early reports, I am very, very happy to 16 report to you today that we are very optimistic 17 that in September, the coming quarter that we're 18 in now, we already know that private equity 19 performance will rebound faster than we expected. 20 We now expect September guarter gains will more 21 than offset the June quarter decline, and we are 22 now more confident that the benchmarking anomaly 23 which impacted relative performance last quarter 24 will reverse materially this quarter. And you'll

get September quarter performance later in the
 fall.

Slide 5 here, you can see what performed 3 well for the fiscal year. PRIM's core fixed 4 5 income portfolio returned nearly 14 percent -that's on the left -- providing the downside 6 7 protection when we needed it. 8 An important component of the core fixed 9 income portfolio is the U.S. Treasury STRIPS, 10 long-duration Treasuries. It returned more than 11 35 percent. It was up 35 percent in fiscal year 12 2020, making it the top performer for the fiscal 13 year. We've talked in the past about how our 14 STRIPS portfolio acts as an insurance policy against falling equity markets, and it did a great 15 16 job of that last year. 17 PRIM's second best performing asset 18 class, you can see from the chart, was private 19 equity, which returned 4.4 percent for the year.

20 And as I mentioned, we expect significant

21 improvement in the private equity number in the 22 September quarter.

23 Global equities, value-added fixed
24 income and PCS were weaker for the fiscal year

ended June. And you will hear from each asset
 class later about how these portfolios performed,
 but first, a final word about markets and current
 PRIT Fund positioning.

We continue to believe that the pandemic 5 has caused severe economic damage, and we believe 6 that the challenges this economy faces in 7 8 restarting are enormous, enormous challenges, and it will likely take a long time. In the meantime, 9 we do expect more volatility, just like we've seen 10 in the past few days. And we strongly believe 11 12 that our fund is appropriately positioned.

While the U.S. is a month into the 13 economy's reopening and there is some more 14 positive economic news and data flows lately, 15 there is still very little clarity on the pace and 16 the durability of this recovery. We continue to 17 believe that the carefully constructed and broadly 18 19 diversified PRIT Fund with some of those instruments I've described, insurance policies, we 20 believe it will continue to perform well over the 21 long term, as it has consistently performed 22 23 strongly in both up and, perhaps more importantly, down markets. 24

1 I can stop there and take any questions 2 on the organization or on PRIT Fund performance before moving on to the next section. 3 And, Bob, I know you lead the next 4 5 section, and I do have some brief comments before 6 you lead that. 7 TREASURER GOLDBERG: Are there any questions from the members of the board on this 8 9 performance or anything that Michael has said? 10 MR. TROTSKY: And again, you'll get more 11 detail from each asset class head. 12 TREASURER GOLDBERG: Exactly. Well, then, Michael, I would encourage you to go on to 13 14 the next section. 15 MR. TROTSKY: Okay. The next section is my favorite part of the year. It's my evaluation, 16 17 which I get to do in an open public meeting. I 18 love that. 19 TREASURER GOLDBERG: Yes. And I'm 20 honestly missing sitting right next to you because 21 this is typically -- oh, good. I can see through 22 the camera you are turning red. That's good. 23 MR. TROTSKY: Yes. And I have the 24 ability to turn off my camera, which I may do.

1 TREASURER GOLDBERG: However, I truly 2 enjoy that level of discomfort that I get to 3 observe typically right next to you. MR. TROTSKY: I know. 4 T know. So anyway, before moving into the next 5 section, consistent with last year, I quickly 6 created a list of PRIM's top 20 highlights from 7 8 the fiscal year that I thought I'd review very quickly with you. More details and more 9 highlights can be found in the expanded agenda 10 11 where I elaborate on some of the points I'll be 12 making. But number 1, in a very difficult and 13 volatile investment environment, I think it is 14 very important to point out that we made money in 15 the fiscal year, and we outperformed many of our 16 peers with a return of 2.4 percent. And 17 importantly, the fund asset value grew by 18 19 1.5 billion dollars. Number 2, we met all our obligations 20 throughout the year, and we paid out \$1.3 billion 21 in benefits to retirees. 2.2 The investment team, as I mentioned, 23 with operations staff support, researched and 24

1 deployed approximately \$5.4 billion in board-2 approved investments. That's great productivity. Four, we created a diversity, equity and 3 inclusion framework to execute PRIM's diversity 4 and inclusion initiatives. You're going to be 5 hearing from Michelle later today about that. 6 And we made significant and very 7 8 measurable progress in the fiscal year. For example, number 5, all nine new full-time 9 employees and all eight interns in the fiscal year 10 were diverse in regards to gender, race or both. 11 Additionally, PRIM invested 12 approximately \$1.3 billion with 10 minority- and/ 13 or women-owned investment managers. It's about a 14 50/50 mix -- half were minority; half were women-15 owned -- new investment managers during fiscal 16 year 2020. The PRIT Fund currently invests nearly 17 \$4 billion with women- or minority-owned 18 investment managers. We've been doing this for a 19 long time. 20 Seven, we made significant progress on 21 improving staff's diversity. Admittedly, there is 22 room to improve, but we are making good progress. 23 Today, 61 percent of PRIM's workforce is diverse 24

in regard to gender, race or both. 52 percent of
PRIM's workforce is female. 33 percent of PRIM's
senior management is diverse in regard to gender,
race or both. And 28 percent of PRIM's senior
management is female. Those are all significant
improvements from last year.

Next, number 8, in public markets, we deployed \$1.5 billion in U.S. short-term fixed income. That's a new asset class, and it came at a good time.

We allocated \$450 million to other credit opportunities, including a new investment that utilizes the newly created TALF program. Hopefully that will capitalize on any market dislocation.

In private equity, we've made commitments to 14 funds totaling \$1.6 billion. Wo of those funds were new managers to PRIM. Also in private equity, 10 new co-investments totaling \$210 million. That's a 25 percent increase from last year.

Portfolio completion strategies added four new managers to the PCS platform and one new manager to the other credit opportunities bucket. In research, I know you all loved it and so did I. You're going to be hearing more from Maria on that, but she completed the ESG Board Educational Primer. And of course she began to develop a groundbreaking academic partnership with the MIT Sustainability Initiative, which we've just announced today.

In real estate and timberland, closed 8 seven core real estate acquisitions for 9 \$435 million. Closed five core real estate 10 dispositions, sales, for \$300 million. Refinanced 11 \$200 million of real estate portfolio debt, taking 12 advantage of the low interest rates. Closed two 13 non-core commitments; one in high tech and life 14 science office strategy. That was \$200 million. 15 And another in industrial development project in 16 Atlanta. That's \$21 million. 17

In finance and operation, Tony, your staff is outstanding. PRIM again was awarded the GFOA Certificate of Achievement for Excellence in Financial Reporting. That's a nationwide certificate, and that's our 15th consecutive year winning that award. Congratulations to you and your team.

1 We successfully, thanks to your team, successfully transitioned to a completely remote 2 3 workforce in response to COVID-19. We were well-prepared for that dislocation, thanks to the 4 5 work you did in preparing for disaster recoveries. And successfully, you created and implemented a 6 7 reentry plan, which I described before. 8 Getting to the end, number 17, completed 9 multiple audits conducted by KPMG, and there were 10 no adverse findings of any of the audits. 11 18, in client services, Paul Todisco and 12 your team, another outstanding year. No clients 13 were lost in fiscal 2020, and we're very happy to report that the MBTA Retirement Fund voted to 14 15 invest \$45 million with PRIM in hedge funds and private equity. That's great news. 16 17 Number 19, of course we received a ton 18 of recent recognition for PRIM and its staff 19 members. You can see that outlined in your 20 expanded agenda. 21 And last but not least, in Project 22 SAVE -- remember "SAVE" stands for Strategic 23 Initiative for Value Enhancement -- we completed 24 nine new private equity co-investments totaling

\$174 million. And the Project SAVE Phase I 1 initiative now realizes approximately \$187 million 2 in annualized value-enhancing activities. 3 Remember, the original goal of that program was 4 \$100 million, and we've almost doubled it. 5 So I'll stop there. I think it was a 6 7 very good year, considering all that was going on. 8 We're looking forward to another great year, and hopefully I'll be able to report to you as much 9 productivity next year as I did this year. 10 11 TREASURER GOLDBERG: Thank you, Michael. 12 So let's see. Should I just turn it over to Bob at this time? 13 14 MR. BROUSSEAU: Yes. I quess so. 15 TREASURER GOLDBERG: Okay. There you 16 qo, Bob. I was just looking for you. 17 This is the introduction to Michael's 18 absolute favorite time of the year. Well, there's 19 one other. 20 But go ahead, Bob. 21 MR. BROUSSEAU: Thank you very much, 22 Madam Treasurer and fellow board trustees. 23 As you know, this is our annual 24 evaluation of the performance of the executive

director. Usually of course it is done in August before Michael goes away on vacation. Now we gave him all of his vacation time to worry about today since we're doing it in September.

5 However, I would like to start, first of 6 all, by congratulating Michael. I think you all 7 realize and know that August the 18th marks the 8 10th anniversary of Michael being appointed 9 executive director of PRIM. He has been with us 10 for 10 years, and of course we know they have been 11 10 very good and exceptional years in growth for 12 PRIM, in no small measure due to Michael's ability as the executive director. 13

We all know of course that the last few years, Michael's evaluations have been on top. And I'm going to tell you right now it is no different this year from the evaluations that I received and I'm going to report on this morning.

As you know, all of you received the
discussion guide. It was only meant as a guide.
You did not have to follow it. You could do your
own thing and do your evaluation.

The discussion guide also allows you tocall Michael and have a conversation with him,

which we strongly urge you to do, if you have not done so, regarding any issues in his evaluation that you might have concerns with.

As we know, of course, the review of PRIM's results and accomplishments is what we hope to see in this evaluation. Part 2 of this is to be a voting item because the evaluation is there for our information, but part 2 will be approving his goals for fiscal year 2021.

10 First of all, the evaluation. I 11 received a total of 12 evaluations this year, 12 seven from trustees and five from committee 13 members. And at this point, I want to thank the 14 board and the committee members who responded to 15 Michael's evaluation. It is very heartwarming to 16 see the comments that were made, but also it helps 17 me especially because all I do is coordinate the 18 results. I don't make them up. You people gave 19 me the information, but I have to coordinate it 20 and present it to you. So thank you very much to 21 the board and to the trustees because what you did 22 was very helpful to me personally.

First of all, I am going to give you the total result, and this is not going to come as any

surprise to you. The word that I found on every single evaluation this year was the word "outstanding." And it appeared on all the evaluations in terms of Michael's performance, on every evaluation document that I received by email or by phone conversations with trustees and committee members.

8 First of all, I'd like to just tell you, 9 as I went through these, I just want to -- over 10 the years, I've spoken about Michael's qualities, 11 especially as the performance, but I went through 12 this year and tried to find key terms and words 13 that people used in evaluating the role of the 14 executive director and the attributes that they 15 gave to him.

16 And I just want to read you this list 17 because I thought it was very impressive. Here 18 they are. Innovation, motivation, communication, 19 leadership, creativity, supportive, transparent, resourceful, professional, respectful, strategic 20 21 thinker, integrity, ethical, performance, 22 excellence, role model, dedication, patience, team 23 builder, collaboration. These are quite a lengthy list, and probably I could have added more to it, 24

but I think it gives you a flavor of what the
 evaluations were like.

3 And at this point, what I'd like to do 4 is of course make a comment that the evaluation 5 was outstanding, but I think you have to put some 6 meat on these terms by at least quoting from some 7 of the committee and board and trustees who 8 replied to the evaluation. And I'm going to read 9 just a few, if you will just bear with me, that I 10 have in front of me.

11 Here is one that I received. It says, 12 "It is imperative to note that all of the great 13 work that Michael provided this year was even more 14 profound when you consider the personal family 15 health issues he faced and the professional 16 challenges created by the pandemic. Michael has 17 continued to put together a team that I would put 18 up against any of their peers in the public 19 sector. I again think this is the best team we 20 have had at PRIM. As I said last year, this says 21 a lot, as we have had some very talented people 22 pass through the doors of PRIM."

And again, the word was "outstanding" on this evaluation.

1 Continue and it said, "If I had to 2 highlight one word that exemplifies Michael and 3 the team is definitely 'innovation' as seen by the 4 actions of many of our peers looking to emulate 5 what we do here at PRIM.

6 "Again, we have seen during the year all 7 the great accolades for everyone, from Michael to 8 many members of our staff. All of these are again 9 a reflection of the team and their leader. I 10 would also add again that the example of Project 11 SAVE II, the internal management saving, that has 12 created many savings for PRIM."

Here's another evaluation stating, "I 13 14 would comment that Mr. Trotsky's 2020 fiscal year 15 performance was outstanding in all areas noted on 16 the discussion guide. Michael's transparent 17 approach to sharing information and seeking input 18 and ideas and commentary provides members of 19 committees and trustees a view of the risks and 20 portfolio knowledge that helps our work here at 21 PRIM.

22 "Michael's excellent communication 23 skills, combined with his integrity and team 24 management expertise, continue to be further

1 evident in all interactions. Michael definitely 2 walks the talk, and the Commonwealth is very 3 fortunate to have him leading PRIM. "Mr. Trotsky continues to promote new 4 5 ideas and innovation. And his willingness to discuss and debate new investment ideas and 6 7 opportunities is advantageous to the fund. 8 "Michael is a resource for feedback and 9 ideas to optimize the opportunities of the 10 organization. His leadership and support of all 11 and especially" -- I'm not going to mention which 12 committee -- "is evident and an example of his 13 goal to grow the team professionally and 14 intellectually in their roles. 15 "Mr. Trotsky consistently displays a 16 high degree of professionalism and respect for all 17 persons present in meetings and interactions." 18 And again, this person again mentioned the 19 communication skill, which is -- "and he is always open to hearing all viewpoints and integrating 20 21 them." 22 "In summary," this one said, 23 "Mr. Trotsky's overall performance is outstanding. 24 And the team and the PRIM team, committees, the

board, the beneficiaries and especially the taxpayers of the Commonwealth are very fortunate to have such a dedicated, intelligent and thoughtful leader."

5 Going to another evaluation now, three 6 positive comments and statements stood out specifically. "First of all, the incredible 7 8 stability of the staff, strategy and performance 9 in the face of extreme volatility. Continued 10 stellar reputation and image as a leader in the 11 industry for both PRIM as a whole and from Michael 12 independently. Significant progress on some very interesting and complex directions, especially 13 14 with ESG and the effort with MIT."

15 Now, we all had a few suggestions for improvements. One came here. One improvement 16 17 said that "Certainly Michael is still grappling, I 18 think, with the issue of the direction the 19 organization should go on internal asset management." And this evaluation said that "This 20 21 is a very complex issue, and various aspects 22 support a cautious and thoughtful approach to the 23 whole area of internal asset management." 24 Summary, "Michael is doing a terrific

1 world-class job for us, in my opinion."

2 Another. A few key points on this 3 evaluation were "Michael's personal integrity, his ethics and decorum. This is an incredibly 4 5 important category in that Michael's behavior sets the tone for the whole organization. People at 6 7 all ranks and at whatever level of experience and 8 age temper their behavior based on what they see 9 emanating from the CEO's office. Michael's 10 performance in this category is exceptional. 11 We've got a winner in this regard." 12 Also another point in the same 13 evaluation mentions Michael's judgment in terms of 14 his actions, the decisions he makes and his 15 communication skills. It says, "At the end of the 16 day, the numbers tell the story. Well, at least 17 the investment side of the story. I guess the big 18 judgments have been made here, but judgment plays a much broader role at PRIM and is in action 19 constantly. Michael is a good and accessible 20 21 leader. This was highlighted over this past year 22 with Michael receiving the lifetime achievement award from Institutional Investor." 23

Another area this evaluation mentioned

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1 was Michael's ability to attract, to develop and 2 to manage personnel. It said, "There is no more 3 important signal of success than being able to 4 attract, motivate, nurture and retain the very 5 best people in your business. The best leaders 6 are known by the people who surround them, and 7 we've seen here people that Michael has hired here 8 at PRIM have done just that. This terrific 9 personnel management skill makes him special." 10 Another one here highlights some areas 11 where PRIM excelled this year. "The growth of the 12 PRIT Fund to \$75 billion in a uniquely volatile 13 market. The continued expansion of diversity and 14 inclusion of PRIM staff. Successful ongoing 15 retention of PRIM staff. National recognition of 16 PRIM. Continued expansion of Phase II of Project 17 SAVE. Continued close attention to client 18 services."

19 The person said, "If past performance is 20 a predictor of future success, I believe that we 21 are most fortunate to have Michael at the helm at 22 PRIM."

Another one here stated, "I was verypleased that Michael and his staff dealt

decisively with the challenges of the put spread collar." And mentioned here also, "Much of the portfolio completion strategy program is challenged by the new uncertainties and markets caused by the pandemic and the resulting economic decline." And I think that was mentioned also in Michael's comments today.

8 Another evaluation stated, "I continue 9 to be amazed and pleased by the excellence of the 10 leadership and stellar example set by PRIM's ED. 11 PRIM's acknowledged national success is due in 12 major part to the strategic and thoughtful 13 leadership of our executive director. He is a 14 role model for our staff, particularly our senior 15 investment staff. He has my support and admiration 100 percent." 16

17 In another evaluation, "To use a sports 18 metaphor, Michael remains PRIM's most valuable 19 player. I again give him the highest marks across the board with respect to all the subjective 20 21 aspects of performance which guide evaluation." 22 And I consider this was probably a very important comment. "I would like to see the ED's 23 24 annual goals and objectives adopt and include a

medium, long-term component focused on strategic planning and sustaining PRIM's high level of performance in perpetuity."

This was a recommendation for Michael to consider in terms of more probably his goals and more strategic planning, looking towards the future. Also I think Michael mentioned about the PCS program, which has had its challenges over the past year.

10 Another evaluation states, "I would say 11 that I am so grateful that we have had Michael 12 Trotsky at the helm of PRIM during the storm of 13 the year. His experience, his innovation, his 14 patience, his dedication and his work ethic have 15 advanced PRIM to the front of the pack amongst peer funds and has allowed us to weather this most 16 17 recent storm and come out on top.

"Despite all the craziness of this year, Michael and his team met our financial goals, came out ahead, paid all benefits, recruited new talented and diverse staff, retained staff, and chaired and served as chair of the CFA Society, while also dealing with a personal family health crisis, all truly amazing achievements."

1 And another comment spoke about 2 "Michael's leadership and his ability to take strong action when it comes to either terminating 3 managers when it has to be done without using 4 5 a -- no knee-jerk reactions in the actions that he They are thoughtful and well-thought-out. 6 takes. 7 "And he can be very unconventional, and 8 yet he achieves results. And he's a team player. He seeks the approval -- he uses the team 9 approach, collaboration, diversity and using 10 11 initiative to solve problems." And they also 12 mentioned the Project SAVE II program. Finally, I guess I've read from some of 13 the comments. I know probably this went on, but I 14 pray some of you recognize some of the things 15 vou've said about Michael. 16 The suggestions of course were put in 17 18 the evaluations. And Michael already mentioned the one on benchmarking, which was mentioned, but 19 I know that he's very interested in seeing that 20 these anomalies that he mentioned can be dealt 21 with. 2.2 Finally, I quess, Madam Treasurer, this 23 completes the information that I received and the 24

1 coordination. And usually at this point, I think 2 we've asked if there are any board members or if 3 there are any committee members who are on Zoom 4 today with us who'd like to make any comments. 5 They can seek your recognition and make any 6 comments they would like to. 7 And again, I thank all of the board and 8 committee members for their input. It made my 9 work a lot easier. Thank you. 10 TREASURER GOLDBERG: Thank you, Bob. 11 Are there any other members of the board 12 or committee who would like to make any comments? 13 MR. NAUGHTON: I would like to, Madam 14 Treasurer. 15 TREASURER GOLDBERG: Thank you, Dennis. 16 MR. NAUGHTON: So I just want to say 17 thank you directly to Michael here this morning. 18 All of those things and more are true, and we are so fortunate to have him for all of the reasons 19 20 that were cited and probably more none of us 21 thought to cite. 22 So Michael, as I have said before, I'd 23 like to have you around for some time. Thank you. 24 TREASURER GOLDBERG: Any other board

1 members before I say something?

2 You ready, Michael? 3 So I would say that this is my fifth evaluation that I've been present for. And I 4 5 would say that except for some of the details, 6 that they've all essentially been the same. It is 7 why we have continued to support Michael's 8 advancement when we do the Compensation Committee 9 meetings because of the performance, Bob, that you 10 have just described. 11 No leader is perfect. People make 12 mistakes. It's the ability to bounce back from 13 mistakes. The ability to evolve and grow is what 14 you really look for. You don't want anyone to be 15 stagnant. So if there sounds like a certain 16 repetition over the years, it's because the growth 17 has continued, not just in the fund, but also in 18 the achievements.

And I'm probably going to say what I typically say. I look at how someone is able to develop and maintain an environment, a workforce, an office, that functions at the highest levels and is able to retain good people. And I think that is a critical, critical piece.

Michael on his own could be achieving certain goals. However, being able to -- I look around the room in front of me on this screen, and I see an awful lot of the same faces, in a good way.

6 And so I'm not going to go on for an 7 hour. I just want to say that there's more to 8 work toward, and Michael and others are aware of 9 some of the things that they need to take on, 10 whether it's on the technical side in terms of 11 benchmarking or whether it's on the other side of 12 people development and continued growth.

And I think that the MIT project is an example of forward thinking and the desire to get strategies and thought processes right. And not only will it help PRIM, but what comes from all that will also help pension funds all across the country. So it's high impact.

And I think that's one of the things I know I've tried to achieve by being president of all the treasurers of the country. And certainly I can tell you under COVID that has been a very different experience than what I had anticipated as being president, but probably far more of a

1 personal growth opportunity.

2 And I think that for Michael, having to 3 operate in this volatile environment and in these crazy markets, which are defined by Ben Bernanke 4 5 as the market is not the economy and how do you 6 reconcile those? 7 I think that we have continued to see achievement. And that's very important because at 8 9 the end of the day -- and I think, Dennis, that's 10 why you always do like to comment on this 11 particular issue -- it's about our retirees, and 12 it's about the taxpayers and the citizens of 13 Massachusetts. And I think we reach those goals 14 on all the fronts. 15 So with that, I'm ready to move on. This is a voting item, but if there's anyone else 16 17 who wants to make a comment, I'm happy to 18 recognize you. MR. BROUSSEAU: I don't think Michael's 19 evaluation is a voting item, but his goals and 20 21 objectives are. 22 TREASURER GOLDBERG: Oh, excuse me. 23 That's correct. MR. TROTSKY: Well, I would just like to 24

1 thank you for those staggeringly great words and a 2 great evaluation. It was one of the most 3 difficult years of my life with my wife being sick. And I thank you, everyone on the board and 4 5 the committees and the staff, for really helping us weather the storm, not only of that but of the 6 7 extreme volatile markets. And I feel really good 8 about it. 9 I don't think I am the MVP, Bob. I'11 10 take exception to that. It's the staff that's the 11 MVP. I sometimes feel like I'm the conductor 12 conducting an orchestra that is fully in tune. 13 And when that happens, it's an incredible feeling. 14 So thank you very much. 15 And, Dennis, I look forward to many more 16 years. 17 TREASURER GOLDBERG: Okay. Now should we vote on the goals and objectives? 18 19 MR. BROUSSEAU: Yes. You will make the 20 motion. 21 TREASURER GOLDBERG: I will read the 22 motion, but anybody else want to say anything? 23 And Eric, I just saw you hop on. You've 24 got to put my picture behind you or some such

1 nonsense.

2 For those who weren't on the call, when 3 we first started these Zoom calls, Eric first appeared and had a very large picture of me 4 5 looking over his shoulder, which I found extremely 6 amusing. 7 With that, I am going to seek a motion 8 that the PRIM board approve the Administration and 9 Audit Committee's recommendation to approve the 10 executive director's fiscal year 2021 goals and 11 objectives as contained in Appendix D of the 12 expanded agenda and further to authorize the executive director to take all actions necessary 13 14 to effectuate this vote. 15 Is there a motion? 16 MR. BROUSSEAU: So moved. 17 TREASURER GOLDBERG: Is there a second? 18 MS. McGOLDRICK: Second. 19 TREASURER GOLDBERG: Okay. Remember, 20 this is roll call. 21 And Peter Monaco joined us a little 22 while ago, but he was not around for the first 23 minutes vote. So I'm going to start with Peter. 24 Unmute, please, Peter.

1	I can come back to you.
2	People who are going to vote, please
3	unmute yourselves.
4	All right. I'll start with Carly.
5	MS. ROSE: Yes.
6	TREASURER GOLDBERG: Jim?
7	MR. HEARTY: Yes.
8	TREASURER GOLDBERG: Peter, you're still
9	muted, by the way.
10	Yes. Can't hear you.
11	All right. Bob?
12	MR. BROUSSEAU: Yes.
13	TREASURER GOLDBERG: Peter?
14	MR. MONACO: Yes.
15	TREASURER GOLDBERG: Thank you.
16	Paul?
17	MR. SHANLEY: Yes.
18	TREASURER GOLDBERG: Dennis?
19	MR. NAUGHTON: Yes.
20	TREASURER GOLDBERG: Theresa?
21	MS. McGOLDRICK: Yes.
22	TREASURER GOLDBERG: Ruth Ellen?
23	Ruth Ellen, you're muted. I'll come
24	back to you.

1 Jim Hearty, are you muted? 2 MR. HEARTY: No, I am not muted, and I 3 vote yes. 4 TREASURER GOLDBERG: Thank you. MR. HEARTY: So that's a no yes. 5 6 TREASURER GOLDBERG: Yes, exactly. All 7 right. 8 I'm still waiting for Ruth Ellen. 9 Yes, you are good. 10 MS. FITCH: Yes. 11 TREASURER GOLDBERG: And myself. 12 And the motion carries. Thank you. Now, let's see what's next. Back to 13 14 the -- I may have many, many -- four devices 15 going, but I still have to make sure we stay in 16 order. 17 Okay. Investment report, and we're 18 kicking off with the strategy group and research 19 update. 20 Oh, there goes Eric. Would you want 21 that over your shoulder? 22 Go ahead. 23 MR. NIERENBERG: Yes. Happy to have it, 24 Treasurer. Thanks, everyone. Great to be here.

I'm pleased today to have my colleagues 1 in the strategy group presenting some very 2 exciting opportunities and initiatives that we've 3 been working on. In a moment, I'll turn it over 4 to Maria Garrahan, our director of research, who 5 will be sharing some of the ESG work that we've 6 been doing in conjunction with MIT. And then Bill 7 8 Li will take you through the performance summary for portfolio completion strategies. 9 Our team continues to work well. We are 10 11 up to eight full-time members of the strategy 12 group, in addition to having several interns working with us, and we've been able to stay very 13 busy and look forward to having many new reports 14 of things we've been working on in the coming 15 months. 16 With that, unless there are any 17 particular questions, I'll turn it over to Maria 18 to talk about ESG. 19 MS. GARRAHAN: And I don't know how to 20 unmute myself. Great. 21 Good morning, everyone. Today I'm 22 extremely excited to share some very important and 23 groundbreaking news, something that I've been 24

working on since the educational board retreat in 1 2 December, where I launched the ESG primer, a three-pillar approach, and where you were able to 3 meet Professor Roberto Rigobon. 4 Today MIT and PRIM are announcing that 5 PRIM is the first founding member of the Aggregate 6 Confusion Project, a new research consortium 7 launched by MIT Sloan School of Management 8 Sustainability Initiative. 9 This collaborative opportunity with MIT 10 scholars uniquely bridges academia with 11 practitioner insight to drive improvement and best 12 practices within environmental, social, 13 governance, (ESG) investing, starting first with 14 developing better datasets. 15 The most crucial path forward within the 16 ESG space is to address the lack of quality in ESG 17 data. This will require the pursuit of consistent 18 and reliable ESG data, currently the Achilles heel 19 of ESG investing. 20 However, we believe it is achievable 21 with the correct talent and resources dedicated to 2.2 solving these issues. And that is why it is so 23 imperative to create this unparalleled research 24

1 initiative with MIT.

2 The PRIM research team recognized a 3 novel opportunity to work with MIT scholars, which really can be thought of as an extension of staff 4 5 to address these data concerns. I would like to give a special call-out 6 7 to the Investment Committee member Michael Even 8 for making these initial introductions. Thank 9 you. 10 The MIT Sloan Sustainability Initiative, 11 with PRIM's help, will create a consortium of 12 institutional investors who recognize the need to 13 solve these data problems in order to develop more 14 robust and impactful ESG investing strategies. 15 The consortium will be an extension of MIT's 16 initial project, Aggregate Confusion, and MIT 17 hopes to recruit four to eight like-minded members 18 comprised of asset owners and asset managers to 19 solve ESG investing's most challenging issues. 20 Why is this important to PRIM? Well, 21 the research will enable us to confidently 22 identify ESG-related investment strategies, using 23 our proprietary suite of analytics to further 24 enhance the PRIT Fund's risk-adjusted return.

1 PRIM will lead the industry as we drive for reform 2 and best practices within the ESG space. 3 Furthermore, I would like to introduce Jason Jay, senior lecturer and director of MIT 4 5 Sloan Sustainability Initiative, and Roberto Rigobon, professor of applied economics at the MIT 6 7 Sloan School of Management. 8 Thank you. 9 MR. JAY: Thank you so much, Maria, for 10 the introduction. And thanks to the PRIM 11 management and board for joining us in this 12 capacity as founding member, and another word of 13 thanks to Mike Even for helping make these 14 connections. 15 We are thrilled to have PRIM as the anchor tenant in this consortium for two main 16 17 reasons. The first and foremost is the 18 intellectual partnership that we've already really 19 begun to enjoy. 20 Maria's team and our team will be 21 holding a very difficult tension. On the one 22 hand, there is urgency to get ESG right, given the 23 magnitude of social and environmental disruption 24 facing the global economy and capital markets and

the regulatory conversations that are starting to
 happen here in the U.S. and overseas.

3 On the other hand, there is tremendous 4 need for patience. We need careful, thoughtful 5 work to make sure that we're not just doing 6 something in ESG. We must kind of separate the 7 signal from the considerable noise out there. 8 We've got to carefully consider our values and our 9 goals. And we have got to discern what drives 10 real return to our investors, our beneficiaries 11 and society.

Maria's research team and PRIM more broadly have a long-term view of return, and patience and appreciation of the process of rigorous research, which will serve all of us very, very well.

17 The second reason PRIM is the perfect 18 anchor tenant is the market's recognition of your 19 seriousness and thoughtfulness. PRIM is such a 20 widely respected institutional asset owner, and 21 we're both hopeful and confident that your 22 leadership here as a founding member will draw 23 others to the table.

By building a consortium of thoughtful

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1 asset owners, managers and researchers, we can do 2 more than any of us could do alone, and we're just 3 incredibly grateful to be working with you. So 4 thank you.

Roberto, my colleague here, as the 5 founder and lead researcher on the Aggregate 6 Confusion Project, will say a few words. 7 MR. RIGOBON: Yes. First, thank you so 8 much, Maria, Michael and Mike Even for the 9 leadership that you have shown during this 10 process. I don't know if I get to vote, but I 11 also agree with the evaluation from Michael that 12

he got. So I'm really glad to be creating thispartnership.

So let me compliment what Jason said. I 15 think actually it is very easy to feel overwhelmed 16 by the challenges that the world is facing. I 17 mean when you think about it, the impact that 18 19 we're having on the environment is creating a tremendous threat to all of us. Social and 20 political issues like income inequality, poverty 21 and other forms of inequality are deteriorating 22 our institutions. 23

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We're squeezing our social fabric in 1 2 every conceivable dimension, all the way from 3 human and civil rights violations that we constantly witness, to modern slavery, domestic 4 5 violence and mental health issues that are 6 persistently neglected in our societies. And, you 7 know, we see repeatedly disenfranchising of some 8 of our citizens by our political systems. 9 So you might think that I'm describing 10 the U.S., but actually these are problems that hit 11 all countries in the world right now. Therefore, 12 to be honest, it's not surprising to feel 13 overwhelmed by these issues. 14 Now, being overwhelmed is one thing. Feeling hopeless is another. And even though all 15 of us have been affected in some form or shape by 16 17 some of these issues, I think that many feel that 18 they can do little to solve them. 19 I disagree. I disagree severely with 20 that approach. I believe that human kind has 21 shown tremendous amount of creativity throughout 22 our history. I believe that if committed, 23 knowledgable and passionate individuals get 24 together, we can actually take the first steps to

1 find the solutions of the worst problems, as we
2 have done in the past.

3 So when we think about the tools that we 4 use to solve these issues, we usually use two. 5 It's management and technology actually. Almost 6 all the problems that we have had use these two 7 tools. I call them my joysticks, the joysticks 8 that we have to solve the problems.

9 And for example, I hope everybody's safe 10 during this COVID pandemic, but when you think 11 about how we're tackling the issue of COVID, it's 12 really using these two tools. The vaccine is a 13 technological aspect that will help us solve 14 COVID, and the lockdowns and the management of the 15 lockdowns is the management tool. And we use both 16 of them to solve the problems. And I think that 17 every problem, every situation we have, we think 18 to use these tools.

For technology and management to be successful, we need to measure. I think that the measurement is needed to assess the situation and to actually discern between possible strategies, the ones that work and the ones that do not work. Our research at MIT is trying to improve

1 measurement of the ethical behavior of firms. 2 It's very particular on that aspect. We want to 3 understand how firms impact all the stakeholders, how they impact the workers, the communities, 4 5 their industries, their competitors, their 6 suppliers, the ecosystem where they operate and 7 the stockholders. So we need to improve the 8 measurement in all of this to understand what is 9 the impact that firms have in all of this. 10 This is important in listening to 11 dimensions. One is if we measure their impact 12 better, firms will be able to actually control 13 their impacts. So how can I take corrective 14 actions if I have no clue what my impact is? 15 That's a way to think about it. 16 So even firms that want to do good, I 17 think it's crucial for them to understand their 18 measurement, to understand what their impact is 19 and how they can improve. 20 But it's also very important from the 21 investment strategy. After all, in the long term, 22 financial performance is closely intertwined with 23 the solution of many of the problems I

24 highlighted.

Or in other words, unethical behavior 1 2 from the firms. If firms treat their workers 3 badly, they treat their competitors badly, they treat their customers badly, they treat their 4 5 suppliers badly, at the end, these firms will have 6 poor performance. 7 So unethical behavior in some sense will lead to poor performance, and measuring that 8 9 better is, I think, a strategy or one of the good 10 outcomes that we will have. 11 I am extremely, extremely excited to 12 start this joining with PRIM as a partnership 13 because of everything that PRIM brings to the 14 research side, which is what Jason said. 15 In particular, first, as an MIT faculty, I am obsessed with my research, and I'm obsessed 16 17 with measurement problems. Everything that I find 18 that is measured badly, I tend to be completely 19 obsessed with it. 20 But to be honest, I also recognize that 21 not all of them are equally important. So PRIM's 22 leadership in this regard is invaluable. It will 23 provide the guidance that our research needs.

Second, many of the aspects and projects

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that I have tried to start, I have yet to be able 1 2 to -- I have not been able to complete. They have 3 been stopped, and part of this, one is access, and the other one is subject matter expertise. PRIM 4 5 actually brings both to the table, and therefore, 6 I believe that many research questions that I have 7 neglected for a while, we will be able to pursue. 8 And finally, I find that PRIM's 9 commitment is unparalleled. Its commitment to 10 this is inspiring. I think that many 11 organizations claim to be thinking of doing what 12 PRIM has been doing for a while. And that is very 13 unique, and it's a tremendous asset for us. 14 We need the guidance, the leadership and 15 the commitment if we hope to be impactful with our 16 research. So I feel incredibly lucky to count 17 PRIM as part of the team, especially as the first 18 founding member, as I think what Jason said is 19 very true. I think that other organizations will 20 like to follow PRIM in this regard, and we would 21 like to create a team that is of equal depth in 22 thinking that PRIM has.

I think that we need to -- if I have to think about -- my kids are a little bit older, but

1 when I think about the forecast that we will 2 produce today to the world that my grandkids are 3 going to face, I am worried. I think that we need to create a healthier world, healthier society, 4 5 healthier individuals, healthier organizations. 6 And I would like to be able to build the 7 first steps to construct that much better future. 8 And I do not pretend to have the answers to all of 9 these problems, not even close to that. But even 10 one thing I'm pretty much sure I know is that this 11 partnership will allow us to increase the chance 12 to find solutions for that. So I look forward to 13 many years of close collaboration. 14 Again, let me reiterate, Maria and 15 Michael, thank you so much for the leadership you 16 have shown during all this process. It is 17 invaluable. As Jason said, we are already 18 enjoying and benefiting from this collaboration. 19 And I really look forward to what we will be able 20 to create together. 21 So thank you so much. 22 MR. JAY: Hear, hear. 23 TREASURER GOLDBERG: Thank you very 24 much.

First of all, I want to really commend 1 Maria again. And we are very --2 3 Yes. Jason is applauding, but he kindly has himself on mute, so I will interpret for him. 4 5 We are incredibly excited about this 6 research project. Again, obviously in my role as 7 president of all the treasurers of the country, 8 we've talked about this topic a great deal for the 9 entire time since I can think of. 10 And I think being able to work with you 11 and create this level of collaboration will, as I 12 mentioned, not just be enlightening for us 13 personally, but will be impactful for the country 14 and the world in its strategies and approaches 15 because one of the things that Michael Trotsky 16 said from the very beginning is when you try to 17 even define these issues, you find definitions all 18 over the place. Right, Michael? 19 And so I'm extremely excited about this, and we very much look forward to the work and the 20 21 outcomes. And I want to thank you. 22 And I also want to give a great shoutout 23 to Michael Even. He is a very forward-thinking guy, and we are lucky that he has put so much time 24

and passion toward Mass. PRIM. He's another one. 1 2 We should do a goals and objectives and evaluation of Mike Even because he deserves that. 3 But I don't know if other members of the 4 5 board have any questions or comments before we 6 move on. 7 I see, Bob, your hand is up. But you need to unmute yourself if you'd like to speak. 8 9 I know you can do it, Bob. 10 Well, does anyone else want to comment 11 while Bob is finding the unmute? 12 MS. FITCH: I just want to say how 13 excited as a board member I am with this 14 partnership and really am looking forward to the 15 work and the description of the work and the 16 impact of the work and how we begin to use it on a 17 national scale. 18 So I'm ready. Thank you very, very 19 much. 20 MR. BROUSSEAU: I think I'm unmuted now. 21 TREASURER GOLDBERG: You are. 22 MR. BROUSSEAU: Just a question to you, 23 Madam Treasurer, and also to Michael. Will Maria 24 and the team be giving us probably quarterly

1 reports at trustee meetings and board meetings on 2 the progress of this program? 3 TREASURER GOLDBERG: Michael, do you 4 want to respond? 5 MR. TROTSKY: Yes. It will be a 6 permanent part of the research agenda, and we'll 7 give you updates regularly and hopefully 8 presentations and educational seminars like 9 Roberto was so kind to participate in in the past. 10 TREASURER GOLDBERG: Does that answer 11 your question, Bob, or do you have a follow-up 12 question? 13 MR. BROUSSEAU: No. That's it. 14 TREASURER GOLDBERG: Comments from any 15 other members of the board? 16 Dennis? 17 MR. NAUGHTON: Yes. I would have 18 started sooner, but I was in the process of 19 printing out the press release from MIT, and I 20 didn't want that noise in the background. 21 I just want to say how excited I am as a 22 member of the board to be associated with this, 23 and I so look forward to hearing the reports and 24 watching this evolve, such a cutting edge thing.

1 Thank you. Thank you to Maria. 2 TREASURER GOLDBERG: Absolutely. 3 MS. GARRAHAN: Thank you, everyone, for 4 your kind words. 5 And I do envision this will be -- I mean 6 this is a main initiative along with asset 7 allocation on the research team so when I am 8 giving my quarterly research update, I will be 9 providing an update on this matter as well. 10 Thank you. 11 TREASURER GOLDBERG: Any other questions 12 or comments? Okay then. Well, I want to thank the 13 14 folks from MIT for hopping on with us. I want to 15 thank you for the work that you have done in the 16 past, and I certainly want to give you a big 17 thank-you for the work that you will be doing in 18 the future. 19 And I look forward, Maria, to hearing 20 your reports when we meet. And also just when 21 Michael and I talk, he always gives me updates. 22 So thank you, all. Exciting. Very 23 exciting. 24 I'm not on mute. So I'm doing the

1 applause. This is multiple applause. I see them 2 all over the screen. Thank you. MR. JAY: Great. Good to be part of the 3 4 team. 5 TREASURER GOLDBERG: So with that, this is not a voting item. This is just giving you 6 7 guys an update. So we will move on to portfolio 8 completion strategies performance summary. 9 That would be you, Eric. 10 MR. LI: Thank you, Treasurer. 11 I'm going to walk you through the --12 TREASURER GOLDBERG: Oh, Bill, you're 13 doing this. 14 MR. LI: -- PCS summary. TREASURER GOLDBERG: Oh, all right. 15 16 Okay. 17 MR. LI: And feel free if you 18 want to comment or if you have questions. 19 For the past fiscal year ending in June, 20 Portfolio Completion Strategies detracted by 4.9 percent. Within the PCS portfolio, Real 21 22 Assets was down by 2.3 percent. 23 Hedge Funds still accounted for the 24 majority or roughly 88 percent of total PCS. And

Hedge Funds detracted by 5.4 percent versus the 1 benchmark was down by 3.5 percent. 2 Over the past three years, PRIT Hedge 3 Fund returned 1.11 percent on an annualized basis 4 versus the benchmark returned 1.04 percent. 5 As you know, PRIM's Hedge Fund is 6 completion in nature, and thus, we have structured 7 limited equity beta and some yielding exposures. 8 Unfortunately, the yielding components took a 9 heavy mark-to-market hit in March, and their 10 subsequent rebound lagged public equities thus 11 far. 12 Hedge Fund's negative performance was 13 concentrated in credit-related mandates. And the 14 biggest detractor was an emerging market debt 15 manager, which alone contributed over one third of 16 the negative return. 17 This manager was one of the best 18 performers, however, before fiscal year 2019, 19 annualizing 17 percent. But for the past year, 20 the fund's sizable loss was largely due to its 21 Latin America bias. Even though the manager took 22 immediate action to reduce unwanted exposures in 23 the sectors worst hit in this pandemic, there 24 still is some wood to chop down the road, and

1 we're going to closely monitor it.

2	The second detracting area is asset-
3	backed credits, including residential mortgages.
4	They accounted for another one third negative
5	return. However, we are less concerned here
6	because this part portfolio is yielding reasonably
7	well, even after factoring in the worst
8	delinquency scenario.
9	It's worth noting that PRIM's valuation
10	of asset-backed securities can be lagged, meaning
11	some of the healings will be reflected in the
12	following quarters.
13	Looking ahead, the plan is to continue
14	remedying and upgrading the Hedge Fund portfolio
15	by recycling capitals into newer, flexible
16	partnerships; meanwhile identifying existing funds
17	with issues.
18	If you look at the more resilient Hedge
19	Fund mandates throughout this crisis, those are
20	macro relative value traders and event-driven
21	funds. They tend to have a clear edge with a high
22	barrier to entry, and thus, they are less likely
23	to become commoditized and less vulnerable to
24	liquidity events.

And I pause it here in case you have any 1 questions regarding Hedge Funds. 2 3 TREASURER GOLDBERG: Any questions for Bill? 4 5 Hearing none, Bill, please continue. MR. LI: Thank you. 6 7 Now let's switch gears to put spread 8 collar enhanced equity, which was flat for the past fiscal year. Although the strategy didn't 9 lose money, it lagged the benchmark noticeably. 10 11 We have seen the market volatility abruptly 12 gapping up in March environment, where the strategies struggled in relative terms. 13 As communicated to you in mid-June, PRIM 14 15 staff recommended downsizing this strategy to 1 percent, which is the lower end of the board-16 approved range of zero to 6 percent, so that the 17 18 sizing will be consistent with other active equity strategies. As of August, the downsizing was 19 finished and its assets converted to S&P index 20 21 exposure. And that's the update and performance 22 summary I want to bring to your attention today. 23 And with that, the floor is open 24

1 again to questions and comments. 2 TREASURER GOLDBERG: Comments, questions 3 from anyone? Bob, you're unmuted. Did you have 4 5 something you wanted to say? 6 MR. BROUSSEAU: No. 7 TREASURER GOLDBERG: Okay. Anyone else? 8 Bill, I think you were very, very clear. 9 So I think we are good. 10 MR. LI: Thank you. 11 TREASURER GOLDBERG: Thank you very 12 much, Bill. We will turn to public markets 13 14 performance. MR. GURTZ: Good morning, everybody. 15 I'm Dave Gurtz, director of the public markets 16 17 team. 18 So I'm going to be very brief about our 19 public markets update. It's been an extremely 20 volatile year, as we already talked about, but 21 we're relatively pleased with the performance of 22 the public markets portfolio in both absolute and 23 relative terms. 24 In absolute returns, the core fixed

1 income portfolio performed extremely well. It 2 returned 13.9 percent. It was PRIM's best 3 performing asset class for the fiscal year. And as Michael noted earlier, this is led by the long 4 5 duration U.S. Treasury STRIPS, which returned over 35 percent over the year. 6 7 And this great performance was all 8 thanks to the feds cutting rates in Q1 and 9 remaining low in Q2, while credit spreads did gap 10 out in Q1, but have really fallen substantially 11 throughout Q2 and in July and August. 12 Within our core fixed income portfolio, 13 we added four new strategies over the last 14 six months. \$600 million was allocated to three 15 woman-owned firms managing strategies benchmarked 16 to the Barclays Aggregate. 17 And at the May board meeting, as Michael 18 mentioned, you also approved a \$250 million 19 commitment to a TALF strategy. The TALF or Term Asset-Backed Securities Loan Facility program is a 20 21 Federal Reserve program, which provides non-22 recourse loans to investors investing in AAA-rated asset-backed securities. 23 24 And when the TALF program was first

announced at the peak of the market disruption
 back in late March, credit spreads had widened
 significantly, making this a very attractive
 risk-adjusted investment opportunity.

5 Fortunately, the credit markets have 6 recovered significantly, which means unfortunately 7 for the TALF program very few loans have been 8 deployed. At this point, PRIM has not invested in 9 any TALF program investment at this point, as the 10 markets have rebounded so significantly.

11 The TALF program was originally 12 scheduled to expire later this month, but in late 13 July, the Federal Reserve extended the program 14 through December 31 of this year. So should 15 credit markets widen again this fall, we are 16 absolutely ready to deploy capital to take 17 advantage of this program.

18 Turning to the equity markets, after an 19 extremely volatile year, global equity portfolio 20 finished the fiscal year essentially flat, up 21 about 54 basis points gross of fees. On a 22 relative basis, the portfolio performed very well, 23 with PRIM's active managers having an outstanding 24 fiscal year.

1 PRIM's U.S. small cap portfolio 2 outperformed by 2.3 percent. Developed 3 international equity managers outperformed by 1.8 percent, and our emerging markets equity 4 5 portfolio outperformed by 1.2 percent. 6 Collectively, the public markets equity 7 portfolio outperformed by 1.26 percent gross or 8 1.02 percent net of fees, which is pretty amazing 9 considering that over half of the portfolio is 10 passively managed. 11 Fiscal '21 has started off extremely 12 strong with global equity markets continuing to 13 rally in July and August. Even with the recent 14 pull back the last few days in the market, since 15 the end of June, the S&P is up approximately 16 8 percent, developed international markets are up 17 roughly 6 percent, and emerging markets are up 18 nearly 10 percent right now. 19 So again, very brief, but I wanted to 20 just pause there and see if there's any questions. 21 TREASURER GOLDBERG: Any questions from 22 folks? 23 Go ahead, David. 24 MR. GURTZ: Nope. I'm all set then, I

1 think.

2 TREASURER GOLDBERG: Oh, you're all set. 3 Okay. You kind of put it with a dangling part. MR. GURTZ: Yes. The dangle is 4 5 hopefully the performance continues to perform 6 well. 7 TREASURER GOLDBERG: Okay. Tommy 8 thought that was funny. 9 All right then. We will now turn to 10 private equity. Mike Bailey and team. And we'll 11 do a performance summary, commitment summary, and 12 then we actually have two voting items, correct, Mike? 13 MR. BAILEY: Yes. Thank you, Madam 14 15 Treasurer. We have two voting items. 16 TREASURER GOLDBERG: Mike, just cue me 17 because you know at about this point in the 18 meeting, sometimes I do the motion out of order. 19 MR. BAILEY: Will do. 20 TREASURER GOLDBERG: Just kick me under 21 the table. 22 MR. BAILEY: Thank you, Madam Treasurer. 23 And good morning, board and committee members. 24 Before we introduce the two voting

1 items, I wanted to give a brief update on
2 performance, pick up on some of the pieces that
3 Michael Trotsky talked about and mention what we
4 see in the private equity market and what we see
5 in the pipeline coming down the pike for the rest
6 of the year.

7 On performance, as Michael mentioned, we were extremely pleased to again earn the national 8 9 recognition from the American Investment Council 10 that Michael mentioned. That's I think great 11 recognition of the investment approach to 12 portfolio construction and the manager selection 13 that we've made in the portfolio among a broad peer group of over 176 U.S. public pension plans. 14

15 So I wanted to recognize that and 16 recognize the very strong team of Michael McGirr, 17 Alyssa Fiore, Sarah Zatoonian and Maria Clements 18 and Matt Liposky's finance and operations team 19 because all of those folks contributed a great 20 deal to the performance and to the winning of that 21 award. So thank you to the team.

As Michael mentioned, this performance award reflects long-term, 10-year performance, which we think is very meaningful when we measure

the performance in a private equity or a private
 investments portfolio like the one we own at PRIM.
 And I think it stands us in good stead among our
 peers.

5 As Michael mentioned, the portfolio underperformed for the one-year period ended 6 7 June 30, underperformed its benchmark, but we 8 understand the reasons for that, and those are 9 short term in nature. And we're comfortable that 10 the private equity portfolio will continue to be a 11 strong long-term performer and add value to the 12 pension going forward as its highest performing 13 asset class.

14 And we'd also note that those numbers we 15 reported for the June quarter really reflect 16 short-term temporary valuation adjustments that if 17 we kind of think back to March 31 when those 18 values were recorded, market conditions were very 19 difficult and the economy was in very difficult conditions with all of the shutdown orders having 20 21 just taken place.

In contrast, as Michael mentioned, what we're seeing now are bright signs of recovery in the portfolio. We expect to be able to report to

you in a few weeks, once the September numbers are
 finished, a very strong valuation rebound off of
 those Q2 marks. So our September numbers, we
 should report a higher performance.

5 And that will be because of two things. 6 One, the public equities that we own in what we 7 call the private equity parking lot. You heard us 8 talk about public stocks rebounded sharply in that 9 June quarter that we'll report to you in

10 September.

And secondly, the private companies that we own in the portfolio have much higher valuations now than they did at March 31. That reflects two things. One, obviously the stay-athome orders and the COVID-19 disruptions are beginning to end in some states, and that's allowing businesses to reopen.

And second, as Dave Gurtz just pointed out, the public equity markets and the valuation multiples for assets have gone much higher since March 31. So that's allowing the private equity managers to remark those holdings to much higher values. In fact, as Michael mentioned, we think we'll be able to retrace and actually go past those negative reports from March and end up with a higher valuation by a measure ahead of where we were in March, once we get those September values. So we expect to erase a good portion of that gap that we talked about in March when we report in September.

7 Just turning for a minute to the private 8 equity market and what we see in the pipeline, you 9 know, private markets are taking time to adjust as 10 we've talked about. It's a slower adjustment to 11 new conditions than public equities, I think. And 12 after a pause in April and May, the markets began 13 to reopen in June, and deal activities started up 14 again.

15 Some of the managers were reporting very 16 strong and full pipelines of new potential assets 17 to acquire, especially in sectors -- if you think 18 about the sectors that are less affected by COVID 19 like healthcare, software, by the disruptions related to COVID, those sectors in particular are 20 21 opening up again as businesses are coming to 22 market because the business owners can forecast 23 into the future and give strong guidance to a 24 potential new owner about how those businesses

1 will continue to perform, even into 2021.

2 So we are seeing that, and we are seeing 3 the pricing related to those businesses quite 4 high. In fact, valuations in some ways are 5 rivaling pre-COVID valuations, which is something 6 to watch.

7 And having said that, our pipeline at 8 PRIM, I think the team would agree, has been very 9 full. We'll have committed, with the 10 recommendation today, over a billion and a half of 11 new money to 11 new funds this year, year to date. 12 And we're working on lots of new ideas for later 13 this year and early 2021 to report to you in 14 future meetings.

15 And then the last thing I'd say is on the recruiting, we've been working hard -- as 16 17 Michael mentioned, we're one of the folks that has 18 an open position to continue to build out the 19 We hope to give you all some great news team. later in the guarter at the next board/committee 20 21 cycle on our ability to continue to fill out 22 what's an outstanding team at PRIM. 23 And those are my remarks, Madam 24 Treasurer. Happy to take any questions or

1 comments.

2 TREASURER GOLDBERG: Any questions or 3 comments for Mike? MR. MONACO: Yes. Peter Monaco. 4 5 Good morning, Michael. MR. BAILEY: Good morning, Peter. 6 7 MR. MONACO: You know, notwithstanding 8 the better tone of things and the performance of 9 that public component of private equity, anything 10 by way of update with respect to the red-lighted 11 bucket of the portfolio? 12 MR. BAILEY: Yes. I think the trend line there continues to be flashing more yellow/ 13 14 green than red. We are still seeing some of the 15 companies, you know, graduating as their businesses reopen and their forecasts for the 16 17 future are improving. Yes. I'd say that, if 18 anything, that forecast is slightly better than it 19 was a few weeks ago. And in that portion of the 20 companies that contributed to the downturn in that 21 Q2 quarter, yes, I think some of those companies 22 have already graduated to a more yellow and/or 23 green status.

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So we'll see how this develops into the

1 fall and winter, but we're going to continue to 2 monitor that, but I would say overall, the tone is 3 pretty good on that study, Peter. MR. MONACO: Thanks. 4 5 MR. BAILEY: Sure. TREASURER GOLDBERG: Additional 6 questions from members of the board? 7 8 MR. SHANLEY: Yes. I just have one for 9 Michael. On that recent memo we got on the co-10 investing, I didn't know if you were able to share 11 that or if that comes at a later date. It was 12 really a wonderful, wonderful message. 13 MR. BAILEY: Yes. Thank you very much, 14 Paul. And we really appreciate that. 15 Because of the nature of that, we're not 16 able to talk a lot about it today, but we really 17 wanted to share that news. And we'll continue to 18 keep the board updated on significant events 19 there. Thank you, Paul. 20 TREASURER GOLDBERG: Thank you, Michael. 21 Any other questions from members of the 22 board? 23 Okay. Hearing none, we are moving to 24 voting items. And who will be doing the

1 recommendation?

2 MR. BAILEY: Sarah will do the first 3 one, Madam Treasurer. TREASURER GOLDBERG: I have to find the 4 5 vote language. Give me a minute. Give me a 6 minute. Hang on. I have to figure out which 7 device it's on. 8 Here we go. Sorry about that, guys. 9 All right. I'm going to start with 10 asking for a motion and getting a second, and then 11 we'll take it from there. 12 So I seek a motion that the PRIM board approve the Investment Committee's recommendation 13 14 to approve the commitment of up to \$200 million to 15 Technology Crossover Ventures IX, L.P., as 16 described in the expanded agenda, and further to 17 authorize the executive director to take all 18 actions necessary to effectuate this vote. 19 Is there a motion? 20 MR. NAUGHTON: So moved. 21 TREASURER GOLDBERG: Is there a second? 22 MR. SHANLEY: Second. 23 TREASURER GOLDBERG: Okay. Roll call 24 vote.

1 Bob? 2 MR. BROUSSEAU: Yes. 3 TREASURER GOLDBERG: Carly? MS. ROSE: Yes. 4 TREASURER GOLDBERG: Dennis? 5 6 MR. NAUGHTON: Yes. 7 TREASURER GOLDBERG: Theresa? 8 MS. McGOLDRICK: Yes. TREASURER GOLDBERG: Jim? Hearty? 9 Okay. We might have lost him. 10 11 Paul? 12 MR. SHANLEY: Yes. 13 TREASURER GOLDBERG: Ruth Ellen? 14 MS. FITCH: Yes. 15 TREASURER GOLDBERG: Peter? 16 MR. MONACO: Yes. 17 TREASURER GOLDBERG: Myself, yes. The 18 motion carries. 19 Let me just check one time. I see Jim's 20 name, but he may have needed to hop off for a 21 minute. 22 So the motion carries. 23 Go ahead. 24 MS. ZATOONIAN: Good morning, everyone.

1 My name is Sarah Zatoonian, and I'm an investment 2 analyst on the private equity team.

Technology Crossover Ventures, or TCV, 3 is a technology-focused growth equity firm that 4 PRIM has been invested with since 2006. TCV is a 5 high conviction manager for PRIM, and PRIM is 6 invested in five of TCV's prior funds and has 7 8 co-invested alongside the manager once. TCV primarily invests in high growth 9 companies in software and tech-enabled services. 10 The firm's crossover approach allows them to 11 invest in leading technology companies regardless 12 of whether they are private or publicly traded, 13 employing a consistent underwriting framework 14 across both private and public investments. 15 TCV is currently raising \$3.25 billion 16 for their 11th fund. We are recommending a 17 commitment of \$200 million to Fund XI. 18 At this point, I am happy to take any 19 questions or comments on TCV. 20 21 TREASURER GOLDBERG: Questions or 22 comments? 23 Okay then. We have a motion. We have a 24 second.

1 All those in favor? Bob? 2 MR. TROTSKY: I think we already voted 3 on it, didn't we? MR. BROUSSEAU: You put the cart before 4 5 the horse. 6 TREASURER GOLDBERG: You're right. 7 MR. BROUSSEAU: We voted first. 8 TREASURER GOLDBERG: I told you, 9 Michael, by the time I get to private equity -talking to Michael Bailey. And did you kick me 10 11 under the table? 12 MR. BAILEY: No. You know I just can't 13 bring myself to do that, Madam Treasurer. 14 MR. BROUSSEAU: Does Michael have any effect on you? 15 16 TREASURER GOLDBERG: Look at this. Jim 17 Hearty is back. So let's do the vote again. 18 Jim, can you unmute yourself? 19 MR. HEARTY: Yes. 20 TREASURER GOLDBERG: Okay. You heard 21 the presentation on the private equity 22 recommendation, correct? 23 MR. HEARTY: Correct. 24 TREASURER GOLDBERG: We're going to do

the vote. We had the motion. We had the second. 1 2 I'm not supposed to do the vote till after. And Mike Bailey refused to kick me under the table 3 that we did the vote. And that was really because 4 5 I wanted you to be part of it. 6 So with that, all those in favor. Jim 7 Hearty? 8 MR. HEARTY: Yes. TREASURER GOLDBERG: Bob? 9 10 MR. BROUSSEAU: Yes. 11 TREASURER GOLDBERG: Carly? 12 MS. ROSE: Yes. TREASURER GOLDBERG: Dennis? 13 14 MR. NAUGHTON: Yes. 15 TREASURER GOLDBERG: Theresa? MS. McGOLDRICK: Yes. 16 17 TREASURER GOLDBERG: Paul? 18 MR. SHANLEY: Yes. 19 TREASURER GOLDBERG: Ruth Ellen? 20 MS. FITCH: Yes. 21 TREASURER GOLDBERG: And Peter? 22 MR. MONACO: Yes. 23 TREASURER GOLDBERG: And myself. The motion carries. 24

1 Okay. All right then. Let's see if I 2 can do it right this time. This is approval of private equity 3 advisory services recommendation. I'll seek a 4 5 motion and a second. We won't vote till we hear 6 about it. 7 I seek a motion that the PRIM board 8 approve the Investment Committee's recommendation 9 to approve the selection of Hamilton Lane to 10 provide private equity advisory services as 11 described in Appendix E of the expanded agenda and 12 further to authorize the executive director to 13 take all actions necessary to effectuate this 14 vote. 15 Is there a motion? MR. BROUSSEAU: Move the motion. 16 17 TREASURER GOLDBERG: Is there a second? 18 MS. FITCH: Second. 19 TREASURER GOLDBERG: Okay. Let's hear 20 about this. 21 MR. BAILEY: Alyssa Fiore will talk to 22 this one. 23 TREASURER GOLDBERG: Alyssa. MS. FIORE: Thank you, Madam Treasurer, 24

1 and good morning, everyone. It's great to see you
2 all.

3 So I'll be presenting the recommendation 4 for the private equity advisory services. You all 5 approved the issuance of an RFP for the consultant 6 for private equity in November of last year, as 7 the current contract with Hamilton Lane is set to 8 expire at the end of this month.

9 The RFP was issued on April 6, 2020, and 10 by the deadline on May 15, PRIM received a total 11 of five responses. The responses were thoroughly 12 reviewed by the evaluation committee, and three 13 firms were selected and invited to interview with 14 PRIM.

15 The investment committee approved the 16 evaluation committee's recommendation of the 17 selection of the incumbent, Hamilton Lane. 18 Hamilton Lane has been offering advisory services 19 to pension clients since 1991 and is a global 20 leader in private markets, with 16 global offices 21 and over 400 employees.

Hamilton Lane has been PRIM's private equity consultant since 2007. And over the past 13 years, the firm has been instrumental in

1 helping PRIM with investment due diligence, 2 strategic portfolio planning, investment sourcing, 3 portfolio monitoring and reporting, performance analysis, as well as legal work. 4 5 Hamilton Lane is a private market 6 specialist and is one of the most active advisors 7 in the space. Hamilton Lane has best-in-class 8 reporting and monitoring systems, as well as 9 technology infrastructure. 10 In addition to bringing top talent and 11 services to PRIM's relationship, Hamilton Lane 12 offered PRIM the lowest fees among all 13 respondents, which is in line with the current 14 contract pricing. 15 And with that, I'm happy to take any questions or comments. 16 17 TREASURER GOLDBERG: Questions, 18 comments? Anyone? 19 Hearing none, we have a motion, and we 20 have a second, but we have not voted yet. 21 So with that, Bob? 22 MR. BROUSSEAU: Yes. 23 TREASURER GOLDBERG: Carly? 24 MS. ROSE: Yes.

1 TREASURER GOLDBERG: Dennis? 2 MR. NAUGHTON: Yes. TREASURER GOLDBERG: Theresa? 3 MS. McGOLDRICK: Yes. 4 5 TREASURER GOLDBERG: Jim? 6 MR. HEARTY: Yes. 7 TREASURER GOLDBERG: Paul? 8 MR. SHANLEY: Yes. TREASURER GOLDBERG: Ruth Ellen? 9 10 MS. FITCH: Yes. 11 TREASURER GOLDBERG: Peter? 12 MR. MONACO: Yes. 13 TREASURER GOLDBERG: Myself, yes. 14 The motion carries. 15 Thank you, Alyssa. 16 Okay. Next item on the agenda, we're 17 moving on to real estate and timberland. And that 18 would be Tim. 19 MR. SCHLITZER: Good morning, everyone. 20 Nice to be with you. So I will be brief, and then 21 I'm going to hand it over to John for a voting 22 item. 23 So real estate is presented on page 13 24 of the agenda, and then there's information in

Appendices C and F. I'll just make a few comments
 to update you. I'm not going to speak directly to
 any of the materials.

4 So just quickly on asset allocation, in 5 both real estate and in timber, we are just under 6 the midpoints of our asset class ranges. We're at 7 6.9 billion in real estate. That's 9.2 percent of 8 the fund, and at 2.8 billion or 3.7 percent of the 9 fund in timberland.

10 So a few comments on performance. For 11 the fiscal year, real estate returned 1.1 percent. 12 That's 35 basis points below the asset class 13 benchmark, and I'm going to speak to that in a 14 second.

15 Private real estate returned 4.7 percent for the year. That's 61 basis points below the 16 17 reported NCREIF one-year return, which is as of 18 March 31. So we have sort of the opposite 19 dynamic, as I think you know, as private equity. 20 Our values are current as of June 30 or 21 at least as current as appraisals can be. It's 22 our benchmark that is lagged in the reporting. So 23 when we insert that June result in place of the 24 March result, the private portfolio actually

outperforms by 198 basis points, which would bring
 PRIM's overall real estate return well above
 benchmark. So pleased to see that.

That outperformance was driven primarily by PRIM's sector exposures which are overweight to industrial and apartment assets. Also a meaningful underweight to retail at about 9 percent, which was positive for the year in terms of its impact.

10 REITS returned negative 13 percent for 11 the fiscal year. Our managers were 265 basis 12 points above benchmark so good relative return. 13 The global REIT market has returned 4.8 percent in 14 the third quarter so we're seeing some recovery, 15 but as you might expect, retail, hotels, office 16 and some others continue to weigh on the market.

In terms of timberland, timberland returned negative 1.6 percent for the fiscal year, 295 basis points below the March 31 one-year NCREIF benchmark. So similar dynamic as I just described in real estate, although less of a positive impact, but the underperformance was reduced by 96 basis points to 200 basis points

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1 when compared to that unlagged index return. 2 So the underperformance -- and again, we've discussed this -- is primarily attributable 3 to the appraisal volatility we saw at the end of 4 last year. We did change appraisers, and we had 5 some meaningful changes to those appraisers' 6 assumptions in terms of the way that they were 7 8 modeling timber prices on a long-term basis as well as short-term and harvest assumptions as well 9 10 going forward. 11 And I'll point out that even with that underperformance this year, the three-year return 12 is about 35 basis points above the index. So 13 decent longer term performance there. 14 Let me just make a few comments on 15 capital allocation, and then I'll wrap up. So we 16 have not closed any acquisitions or dispositions 17 in either real estate or timber during the 18 19 calendar year. We certainly did during the fiscal year. I know I reported those results to you back 20 at the beginning of the year. But speaking on a 21 calendar year basis, we have not committed any 22 23 capital recently.

Market transaction volume is down about

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80 percent year-over-year. That's in real estate.
 On the timberland side, we've only heard of one
 institutional quality asset trading this year. So
 very low transaction volume in timberland.

5 That said, and I want to compliment the 6 team, we have reviewed a very wide range of 7 opportunities across a number of sectors and 8 structures, but have really tried to continue to 9 be patient and very disciplined with capital 10 deployment.

I'll note one of the challenges that we 11 have faced and face right now really is that there 12 is, believe it or not, actually a lot of capital 13 looking at real estate, not just looking for 14 distressed pricing but also looking at real estate 15 very much as a fixed income alternative. Relative 16 spreads in real estate compared to more 17 traditional bond returns is actually quite a bit 18 19 wider than the historical averages. So from that perspective, commercial real estate actually looks 20 attractive. 21

And so with that dynamic, you know, you've got a lot of capital that's being funneled toward just a few property types, as you might imagine, industrial, for example. And these properties are highly sought after, and in an auction process, the pricing has elevated quite a bit. And both we on staff and our managers have walked away quite frankly often, and I think feel pretty good about that in this environment.

So I'll lastly note that given some of 7 8 those pricing dynamics, there is an opportunity to dispose of some properties where we feel it's 9 appropriate. And having not disposed of anything 10 year to date, I do think that this fall, there are 11 two properties lined up currently, industrial 12 properties, one out of the development platform, 13 which is going to generate a strong double-digit 14 return that I think is going to sell, and then a 15 second industrial asset out of one of the core 16 portfolios that will also sell. So we're trying 17 18 to pick our spots but generally being patient. John's going to talk about something in 19 a minute that we do think is very attractive. And 20 I want to quickly compliment him in advance for 21 sourcing and then really being the lead 22 underwriter on that investment. 23

24 But before I hand it over, I'm happy to

1 answer any questions, if there are any. 2 TREASURER GOLDBERG: Any questions at all from the members of the board? 3 Hearing none, Tim, do you want to turn 4 5 it over to John? 6 MR. SCHLITZER: Yes, please. John, take 7 it away. 8 Thank you, Treasurer. 9 MR. LA CARA: Thank you, Tim. 10 Treasurer, I believe this is a voting 11 item. I'm not sure if you want to tee it up for 12 everybody. 13 TREASURER GOLDBERG: See, Mike Bailey, 14 he kicked me under the table, but I actually 15 didn't need the kick. I knew what was coming. 16 This is a voting item. It is a new 17 investment recommendation for Blackstone, and I 18 would seek a motion that the PRIM Board approve the Real Estate and Timberland Committee's 19 20 recommendation to approve an investment of up to 21 \$200 million in the co-investment opportunity with 22 Blackstone Property Associates, L.P., subject to 23 successful due diligence as described in the 24 expanded agenda, and further to authorize the

1 executive director to take all actions necessary 2 to effectuate this vote. 3 Is there a motion? MR. BROUSSEAU: So moved. 4 5 TREASURER GOLDBERG: Is there a second? MR. NAUGHTON: Second. 6 7 TREASURER GOLDBERG: Okay. Why don't you go ahead and describe it, John. 8 9 MR. LA CARA: Thank you, Treasurer. 10 Good morning, everybody. Today we're 11 seeking approval to make a commitment of up to 12 200 million in a co-investment vehicle being 13 offered by Blackstone Real Estate. This 14 commitment is subject to additional due diligence 15 performed by staff, which is ongoing. Blackstone is one of the largest private 16 17 real estate investment managers in the world with 18 a track record that dates back to 1991. 19 Blackstone currently manages over 167 billion in 20 invested capital made up of opportunistic, debt 21 and core plus investment vehicles. 22 From its headquarters in New York, 23 Blackstone Real Estate is led by Kathleen McCarthy 24 and Ken Caplan. Together, they oversee nearly

1 600 professionals worldwide, including

2 300 professionals in the U.S.

3 Because of its depth of resources and scale, Blackstone is able to successfully source 4 5 and underwrite transactions and execute asset 6 management plans for existing assets and perform 7 day-to-day property management functions. 8 As for the co-investment, this is an 9 opportunity to invest in a best-in-class operator 10 in the life science real estate sector that 11 manages a portfolio of well-leased properties and 12 assets that are located in strong life science 13 markets, also referred to as clusters. 14 Life science clusters have certain 15 characteristics that are hard to replicate, 16 including their proximity to highly ranked 17 universities and large research and teaching 18 hospitals. They also tend to provide access to 19 highly skilled workforce. 20 For these reasons, life science clusters 21 are attractive to leading life science companies 22 seeking to attract and retain talent. We believe 23 these locations, coupled with the high quality

asset and tenant base, will also help defend

1 against future vacancy and credit risk. 2 In summary, we like this transaction because it will allow us to invest in a 3 geographically diverse portfolio of well-leased 4 5 assets that are located in strong markets in 6 partnership with a best-in-class operator and 7 general partner. 8 We also believe the life science sector 9 is poised to benefit from demographic trends that 10 will increase research activity and the need for 11 lab space and healthcare facilities. 12 That concludes my remarks, and I'd be 13 happy to take any questions. 14 TREASURER GOLDBERG: Questions from members of the board? 15 16 MR. BROUSSEAU: Madam Treasurer, just one question for John. Do you know how many 17 18 co-investors there will be? 19 MR. LA CARA: We do not. We do not, 20 We'll learn that in the next week or so. Bob. 21 MR. BROUSSEAU: Okay. 22 TREASURER GOLDBERG: I mean I happen to 23 just agree entirely with the writeup. And I think 24 it's clearly obvious on its face, even more so

1 now. 2 So otherwise, if there are any other questions or comments? 3 Hearing none, we have a motion. We have 4 5 a second. And so I will proceed to take the vote. 6 Bob? 7 MR. BROUSSEAU: Yes. 8 TREASURER GOLDBERG: Carly? MS. ROSE: Yes. 9 TREASURER GOLDBERG: Dennis? 10 11 MR. NAUGHTON: Yes. 12 TREASURER GOLDBERG: Theresa? MS. McGOLDRICK: Yes. 13 14 TREASURER GOLDBERG: Jim? 15 MR. HEARTY: Yes. 16 TREASURER GOLDBERG: Paul? 17 MR. SHANLEY: Yes. 18 TREASURER GOLDBERG: Ruth Ellen? 19 MS. FITCH: Yes. TREASURER GOLDBERG: Peter? 20 21 MR. MONACO: Yes. 22 TREASURER GOLDBERG: Myself, yes. 23 The motion carries. 24 Thank you very much.

1 MR. LA CARA: Thank you. 2 TREASURER GOLDBERG: That's the end of our voting items, and we will now have the finance 3 and administration report. It seems as though the 4 5 amazing Anthony Falzone --6 MR. FALZONE: Thank you, Treasurer. 7 Good morning, everyone. 8 I'm Anthony Falzone, PRIM's chief operating officer. We don't have any voting items 9 so I'll try to be quick so that I can give 10 11 Michelle her time to go through the diversity 12 presentation. But before I address the agenda items, I 13 just wanted to provide a reminder to the board 14 that the board self-evaluation process is upon us. 15 It's normally initiated during the fourth guarter 16 of the calendar year. Yes, it's an annual 17 18 exercise. TREASURER GOLDBERG: It's an exercise in 19 me reminding people they need to get it done. 20 MR. FALZONE: That's right. You trying 21 22 to herd cats. TREASURER GOLDBERG: With threat of the 23 quillotine if it is --24

1 MR. FALZONE: So PRIM board members will 2 be receiving the board performance questionnaire. It's basically a survey. It will be administered 3 by Cortex, and then Cortex will invite you to 4 expand on surveys, if you want, via telephone. 5 And then the results will be included in 6 the meeting in the first guarter of next year, 7 which is the February meetings, where the chair of 8 the administration and audit committee will do a 9 presentation both to the administration and audit 10 committee and to the board. 11 12 So that's just a reminder, housekeeping 13 thing. 14 I am going to share my screen now for the next item, which is the calendar. This is the 15 draft calendar. I've already heard from a few of 16 you with some conflicts that I hope have been 17 addressed in this version of it. 18 If you have any other issues, let me 19 know. It's gone out to all committee and board 20 members so this is the draft calendar. 21 Not a voting item. It's just a preview 22 23 for what is to be in the package at the December board meeting. 24

1 And then with that, I can move on to the 2 diversity presentation where PRIM's HR director, 3 Michelle Witkes, is going to do that presentation. Michelle, are you ready to go? 4 5 MS. WITKES: Ready to go. MR. FALZONE: Excellent. So I'm going 6 7 to steer, so you just let me know what you need me 8 to do. 9 MS. WITKES: Okay. Will do. 10 Good morning, everyone. As Tony said, 11 I'm Michelle Witkes, the director of human 12 resources for PRIM. I'm pleased to be able to share with you 13 14 PRIM's diversity, equity and inclusion activities 15 and results to date and to talk about our 16 continued focus on this important topic. 17 Coming from the private sector, I was 18 impressed with PRIM's focus and progress. Based 19 on my HR experience in financial services, 20 healthcare and management consulting, diversity, 21 equity and inclusion are consistently prioritized 22 in overall company and individual goal setting, 23 but the results do not always match up to the 24 priority.

1 We hear quite a bit today about 2 diversity, equity and inclusion, and intuitively 3 it makes sense. We should all be treated equally. But it is important to understand it makes good 4 5 business sense. 6 Okay, Tony, page 2. 7 Studies show that companies with more 8 diverse executive teams have above average 9 profitability, and those companies with a diverse 10 and inclusive workforce show improved decision-11 making. As it relates to our business, investment 12 management, the same holds true that companies 13 guided by diverse board and executives achieve 14 better returns. There is tremendous value in 15 having a diverse, inclusive firm, especially one that is reflective of PRIM's constituents. 16 17 Page 3. 18 So industry statistics. Unfortunately 19 our industry, the investment industry, has some 20 work to do. As you can see by some of these 21 statistics, there is some catching up to do. 22 Okay, Tony. Next slide, please. So how does PRIM measure up? Over the 23 24 last three or so years, PRIM has really focused on

1 increasing diversity among staff because, as we 2 mentioned earlier, it leads to more success and 3 better returns. The challenge we have run into is competing with other firms in our industry, 4 5 whether that be the private sector or colleges and endowments, for these diverse candidates, 6 7 especially at the management or executive level. 8 We have made some progress, but we are 9 at the beginning of what is a long journey, and we 10 again have more work to do. 11 So the next two slides, slides 6 and 7, 12 are just visuals to show our diversity and female 13 results over the past three fiscal years. 14 Tony, you can go to slide 8. 15 So we source some of our interns through 16 the Women in Finance Fellowship, in which the 17 Treasurer plays a large role; Girls Who Invest, 18 who accept approximately 180 exceptional, diverse scholars from 60 schools into their summer 19 intensative program; and through the CFA 20 21 Institute. 22 PRIM has continued to hire more diverse 23 candidates, as well as promote from within to 24 senior management positions. Because we have lost

senior-level diverse candidates who have declined
 our offers to join the private sector, Michael has
 created an environment where top-performing,
 diverse candidates have a career path to senior
 positions.
 I think you can go to the next slide,

7 Tony.

8 Hiring and promoting women continues to 9 be priority, and the results show improvement in 10 this category.

11 Several years ago, we worked with a 12 consultant Interactive Business Inclusion 13 Solutions, IBIS, to help us find ways to advance 14 diversity, equity and inclusion. This experience 15 really helped PRIM find ways to weave diversity, 16 equity and inclusion into PRIM's DNA.

17 Creating a strategic plan and framework 18 was a critical part of the process. We focused 19 quite a bit on talent acquisition and retention. 20 If you think of all the components of the hiring 21 process where there's an opportunity to filter out 22 bias, things like ensuring you have a full slate of diverse candidates, gender neutral language in 23 24 job descriptions, structured and consistent

1 interview questions, and having candidates 2 interview with other diverse employees, to name a 3 few, we developed a pay equity study to ensure diverse employees are being paid equitably. 4 5 PRIM's hiring over the past three years reflects some progress, but again, the work is just 6 7 beginning. 8 On the recruitment effort, we post all 9 job openings to several diverse job boards, 10 including Boston Women In Finance, the NBMBAA, 11 which is the National Black MBA Association; 12 ALPFA, which is the Association of Latino Professionals for America, to name a few. 13 14 Okay, Tony. Slide 10. 15 Diversity and inclusion are not just about recruitment and retention. It's much bugger 16 17 than that, and PRIM's leaders have worked hard to 18 address these issues throughout the organization. 19 Treasurer Goldberg has been a driving 20 force behind PRIM's progressive proxy voting 21 guidelines on board diversity, gender pay gaps, 22 human and labor rights, antidiscrimination 23 policies and more. The Treasurer was ahead of the 24 curve on implementing many of the policies you see

1 being put into place across many different

2 industries today.

As you know, Mike Trotsky, PRIM's 3 executive director and chief investment officer, 4 is a founding member of the CFA Institute's Global 5 Diversity and Inclusion Advisory Committee, 6 working on a global diversity code of conduct for 7 8 the investment management industry. PRIM has worked hard to ensure the 9 vendors and investment managers we work with are 10 also diverse and promote workplace diversity and 11 equality. We review the Massachusetts Supplier 12 Diversity Office for diverse firms we can do 13 business with. 14 The investment staff looks for 15 opportunities to invest with diverse-owned 16 investment management firms. I wanted to review 17 with you some of the areas we're investing with 18 19 these diverse-owned investment managers, although I believe this information has been shared to you 20 folks in the past. So I will repeat it. It's 21 worth repeating. 2.2 23

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As of this past fiscal year, 2020,

1 5 percent of the PRIT Fund was invested with 2 minority- or women-owned firms. That is about 3 \$3.8 billion across 31 firms, and the board recently approved an additional \$600 million 4 5 allocation. 6 Slide 11, please. 7 So this next slide shows more granular 8 data by asset class along some of the strategic 9 partnerships we have with consultants that are 10 also diverse-owned firms. The biggest challenge 11 here is that the universe of diverse-owned firms 12 is very small. 1.3 percent of the U.S.-based assets are managed by diverse firms. 13 14 Slide 12. 15 So as far as staff development and engagement, the Treasury shares with PRIM staff 16 17 all weekly and monthly diversity and inclusion 18 activities and invites all of us to participate. And we've conducted firm-wide diversity training 19 and will continue to provide training to our 20 staff. And then the last slide, I think, 13, in 21 22 summary. So as I said at the beginning of the 23

presentation, having a fresh set of eyes, I was

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and continue to be impressed with PRIM's results to date, but we keep saying over and over again, we still have work to do. It's an ongoing effort, and it's important that we recognize we still have work to do.

The competition for diverse talent, 6 especially in leadership roles, is fierce, 7 8 especially in Boston. Much like PRIM's investment program, we will continue to innovate and look for 9 ways to improve existing diversity and inclusion 10 strategies and programs. This includes adding 11 additional data points to our databases that will 12 help report PRIM's diversity and inclusion data in 13 a more granular way. 14

Again, I'll say it again, we still have much work to do, but I am excited to be involved in influencing lasting positive change in this effort.

19 So I'll pause there and take any 20 questions.

21 MR. FALZONE: Michelle, I'll just add 22 before questions, it's really helpful that Swee 23 and the Treasurer's HR team shares some of the 24 programs throughout Treasury so we can take part

as an organization, like Caribbean American 1 heritage, that event. I was able to attend that 2 event. I thought it was great. 3 It allows you to learn more about 4 different cultures. And it's really helpful for 5 us where we're an HR department of one, and 6 there's a lot going on. So it's great that we're 7 able to leverage that from Swee. So I just want 8 to thank Swee out there in the public domain. 9 10 MS. WITKES: Yes. Agreed. Thank you 11 for that. 12 TREASURER GOLDBERG: I don't believe Swee is on this call, but --13 14 Oh, you just stopped showing your desktop. 15 MR. FALZONE: Yes. 16 TREASURER GOLDBERG: I'd like to make a 17 couple of comments. 18 Number 1, Michelle, when we did the 19 Admin and Audit Committee, I asked you had you 20 been in touch Swee --21 MS. WITKES: Yes. 22 TREASURER GOLDBERG: -- and looked at 23 what she does for our quarterly reports and how 24 she tracks things and what our definitions are,

1 which I told you we did breakdowns much more 2 granularly than --3 MS. WITKES: Yes. 4 TREASURER GOLDBERG: -- diversity and 5 women or something like that. 6 MS. WITKES: Yes. 7 TREASURER GOLDBERG: We take it down to race, color and the like, which helps us a great 8 deal. 9 10 MS. WITKES: Yes. 11 TREASURER GOLDBERG: And I think that 12 ongoing conversations with her, our monthly 13 diversity events is just one thing that we do, but 14 we have created an environment where we attract 15 diverse applicants beyond posting to affinity 16 groups and the like because the word begins to grow and emerge that this is the real deal because 17 18 a lot of diverse applicants do not want to be a 19 token in an organization, and they want to know 20 that in fact the organization is committed to 21 supporting them and helping them grow. And like 22 every individual coming in at a lower level, they 23 want to know that the world is their oyster, that 24 they could someday see themselves at the head of

1 the organization and that there are no roadblocks. 2 That's internally, in terms of hiring, 3 but also I think that one of the things I mentioned at the Admin and Administration meeting 4 5 and I believe the Investment Committee meeting or one or the other or something was about the need 6 7 to make a conscious effort to looking at who our 8 consultants are and our investment managers and 9 our investment opportunities are in terms of 10 diversity and inclusion. 11 Now, that's not necessarily in HR. 12 However, you can be very supportive in terms of 13 people grasping and understanding that. And so obviously it's become more 14 15 relevant or more timely, let's put it that way, 16 that there is a great deal -- all organizations 17 are looking at ways in which they can expand 18 opportunity, whether it's through investments or 19 hiring or utilizing suppliers. 20 And we as a team at Treasury have worked 21 with a lot of others legislatively in this space 22 and have looked to again -- it's the third time 23 I'm mentioning it, but as being president of the 24 National Association of State Treasurers, we've

talked a lot about that. And different states
 have taken different approaches that we are
 looking at.

4 So I really appreciate PRIM's efforts in 5 everything that they're doing. And as you 6 mentioned at the beginning of your presentation, 7 the financial services industry has basically been 8 abysmal in this area. So the fact that PRIM is 9 way ahead of the curve is something to be very 10 proud of.

I I do want to remind people that there is a legislative effort to require the board to set diversity goals and examine the current investment strategy, and that would require additional reporting to the legislature.

And I think what people need to 16 17 understand is that regardless of some of the 18 negative parts of the issue that has arisen since 19 the murder of George Floyd, in a productive way, 20 it's brought a lot of good people of conscience to 21 the front to be rethinking a lot of these goals in 22 how do we equalize opportunity in this country? And as I said, it's best for PRIM to be 23 24 part of the solution rather than having anything

1 be done to PRIM by others.

2 So with that, those are my comments, and 3 anyone else who wants to comment, please join in. MR. NAUGHTON: Treasurer? 4 5 TREASURER GOLDBERG: Yes. MR. NAUGHTON: I'd like to comment. And 6 7 first of all, my first comment is thank you, 8 Michelle, for a very thorough report. It was much 9 appreciated. 10 I guess I'm sort of wrestling with a 11 question, and I'm not looking for an answer today, 12 but the general question I'm wrestling with is how do we know when we have arrived? I'm just 13 14 throwing that out there. 15 But specifically, I didn't see any real 16 reference to LGBTQ as a part of diversity, and 17 that was concerning to me. And I wonder if you 18 could comment on that, Michelle? 19 MS. WITKES: Yes. I mean I think part 20 of the challenge that PRIM has had is that we 21 didn't have a sophis -- well, not even a 22 sophisticated mechanism, but as far as being able 23 to report what our diversity numbers look like. 24 So, for example, through the hiring

process, oftentimes, when people are applying for
 a position, you can self- identify all those EEOC
 categories.

4 So I think in the past we've been a 5 little challenged in our recruitment efforts, but 6 we are now doing that.

The other thing is that being able to 7 8 report on it so we are implementing an HRIS system where we'll actually be able to house all of that 9 data. So in the past, we haven't been able to 10 really get our arms around what our diversity 11 numbers look like and how they're categorized out, 12 but that's one of the steps we're taking is to be 13 able to actually have self-identification of those 14 groups and then also be able to house them in our 15 HRIS system so that we can report on them and have 16 a better understanding of what our demographic 17 looks like. 18

MR. NAUGHTON: Following up on that, on the procurement side, might be a little easier on the procurement side. I understand what you're saying in terms of hiring and so forth.

But on the procurement side, many timesthere's already self-identification. Are we

1 working on that score as well?

2 MS. WITKES: I'm going to let Tony speak 3 to that maybe.

4 MR. FALZONE: Yes. So, Dennis, I think 5 we acknowledge the need for more granularity when 6 we ask the firms we do business with how they are 7 diverse, not just are you diverse? Are you 8 minority- or-woman owned? Are you --

9 But we do have in our procurement 10 process all that language, very specific to the 11 language we've put into some of our proxy voting 12 guidelines that ask those guestions.

But I don't think we have enough 13 granular data. So we just went through an 14 exercise that I've been working on -- this is more 15 for investment data, but we're trying to do it for 16 staff data as well. We're looking to collect more 17 granular data from each of our providers, whether 18 19 it be an investment manager or a vendor, on what category they are so that we can report to folks 20 like the board in a meaningful way. And I think 21 that's what we're working toward right now. 22

We implemented Dynamo, which is a CRM

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1 system, a couple years ago where we've added 2 fields in there that speak to that. And now we're 3 collecting the data so that we can then report on it. So we realize we need to become more granular 4 5 with what we're showing people. 6 I hope that helps. 7 MR. NAUGHTON: Okay. We'll look forward 8 to that down the road. Thank you very much, both 9 of you. 10 MS. FITCH: Can I make a comment? 11 MR. FALZONE: Sure. 12 MS. FITCH: I think at the end of our 13 meetings, as one of the last agenda items, this 14 kind of puts this issue -- this issue doesn't 15 benefit from being placed at the end of the agenda. I mean I think we're all kind of "are we 16 17 through yet?" 18 I think earlier in the meeting is a 19 better placement of this agenda, at least on a 20 rotating basis, because we're fresher, can listen 21 to it and can get the information that is being 22 summarized in a better way. 23 So that's kind of my comment because at 24 the end, you know, at almost noontime, it's hard

1 to focus.

2 MR. FALZONE: That's good feedback. 3 Thank you. And that's why I tried to make my 4 5 comments brief so that I can give Michelle enough 6 time. 7 MS. FITCH: Right. 8 MR. FALZONE: But you're right. The 9 geography of where it is on the agenda, it 10 certainly isn't a reflection of how important it 11 is to us. And you're right; you want to be more 12 fresh. MS. FITCH: Absolutely. I'm trying to 13 14 listen and to read the slides. And at this point 15 in time, even with my glasses on, it's impossible. 16 MR. FALZONE: Well, I've always thought 17 of my area as the most important in the 18 organization so we should definitely be up front. 19 MR. BROUSSEAU: And you also, Tony. 20 MS. FITCH: Okay. 21 TREASURER GOLDBERG: Michelle, I don't 22 know if you've actually gotten the full rundown, 23 and what some of the people on the call may not 24 recognize -- I mentioned the diversity events that

1 we have monthly.

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2 I did notice, Tony, that you attended the one that we did on the Caribbean event last 3 week. They have been nothing short of amazing. 4 We celebrate differences, Dennis, like the LGBTQ+ 5 community, and they go on for about an hour, hour 6 and a half at lunchtime. We were unfortunate 7 8 enough pre-COVID to be actually able to serve lunch that was associated with the particular 9 culture we were celebrating. 10 11 However, what it has done -- because you have to remember, under the Treasurer's Office, we 12 have approximately 800 employees. And it has 13 enlightened the people who have never been exposed 14 to certain things and literally have not been 15 exposed. 16 And there's a lot of candid conversation 17 that takes place. And so it happens in a positive 18 19 way. It's not a shtick. It's a positive way. And really enhances the environment of an 20 organization. 21 Just recently, there were two videos 22 made by people who -- that are available. I don't 23

know who can scramble quickly in order to share

1 the links. One was on what civility in the 2 workplace means to me. And it interviewed 3 different people across Treasury. Michelle, I don't know if you've seen it 4 5 yet. 6 MS. WITKES: No, I haven't. 7 TREASURER GOLDBERG: There's a lot of talk about "respecting who I am." And when you 8 9 have an environment that respects who people are 10 with each other, those are selling points for 11 bringing someone into an organization. 12 So when you're looking for a competitive 13 edge in a competitive environment, those are the 14 kind of things that are going to draw in those 15 people who we maybe can't compete on the money 16 front, but if they see that the environment is the 17 real deal, we may get some --18 And that's why I encourage you over and 19 over to be in touch with Swee and go through all the things that she's been doing in the last five 20 21 years where we've arrived at this. 22 So we've got the video, anyone who's 23 interested in seeing the civility video. 24 But the other one that we did recently,

1 which I really got a kick out of, was a takeoff -or we did it first -- of the masks. Different 2 3 people wearing the mask for the next person. And I'm in the middle of it. "Chandra 4 wears the mask for Treasurer Goldberg. Treasurer 5 Goldberg wears the mask" -- I think it was for Jim 6 MacDonald. And it was a wonderful video. 7 8 But that's examples. Not a lot of effort. Low cost involved. And yet is really 9 supportive of a work environment. 10 MS. WITKES: Those sound great. 11 Terrific. 12 TREASURER GOLDBERG: But stay in touch 13 with our team because we have achieved these goals 14 of hiring topnotch individuals. And we've got 15 people that could make a lot more money elsewhere. 16 And the Treasurer's Office isn't always -- the 17 things that we do are not -- like we're not as 18 19 sexy as maybe what the AG's office is able to do and get themselves on the front page. Right, 20 Carly? 21 However, we had an employee who was 22 transferring money during the middle of the night 23

to China so that Massachusetts could get the PPE

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1 ahead of other people. That's pretty important. 2 So I'm just using an example, and we've 3 got lots more to share. And I applaud PRIM on all the efforts that they have done and what they will 4 5 continue to do. 6 And Michelle, we want to work with you 7 and everyone because this is a group effort. 8 Michelle is not in this alone. 9 MS. WITKES: Thank you. 10 TREASURER GOLDBERG: And we are happy to 11 be supportive and helpful. 12 MS. WITKES: Thank you. I appreciate 13 that. That's terrific. Thank you. 14 MR. FALZONE: Thank you. 15 MR. BROUSSEAU: Madam Treasurer, could I 16 have just a comment, please? 17 TREASURER GOLDBERG: Absolutely, Bob. 18 MR. BROUSSEAU: Okay. First of all, 19 Michelle's excellent report, especially to raise 20 the sensitivity I think of the board, and I think 21 we have to be constantly reminded of the 22 importance of these issues, and the report did a 23 good job with it.

24 With respect to Ruth Ellen's comment,

Ruth Ellen, for several years, I've said that I 1 wish with four guarterly meetings, and I've made 2 recommendation -- not a formal recommendation, but 3 I suggested that probably one or two of those 4 board meetings in the year, depending upon what's 5 in the agenda, the A&F report could come just 6 before the investment. We could have the A&F 7 8 report, then the investment.

Where we have four quarterly meetings, 9 if there are issues like this, a report like this, 10 it could have been taken up before the very end of 11 a meeting when we're standing between meeting and 12 lunch. 13

But I have a question with regard to 14 slide 9, and probably Michael might be able to 15 answer this because he goes back a couple years. 16 On slide 9, they mention the McLagan 17 report that shows that they found no gender bias 18 was observed in female salaries nor to salary 19 ranges midpoint than the male population. 20 We'll hear from McLagan next year, and 21 I'm looking forward to that. 22 But the last point says during the last 23 three fiscal years, 100 percent of all voluntary

departures from PRIM were diverse employees, each
 of whom went to the private sector.

3 Probably Michael told us that, but with your exit interviews of these employees, Michael, 4 5 was salary the most important ingredient that 6 caused these employees to go to the private 7 sector? Or were there other factors, like, people 8 left PRIM to go to the private sector? 9 MR. TROTSKY: Salary is definitely the 10 primary reason time after time. But in this past 11 year, we had an instance where we lost someone 12 because they were offered a job very close to 13 their home, and it was a convenience factor more 14 than anything. 15 MR. BROUSSEAU: Thank you. 16 MS. McGOLDRICK: Can I just say 17 something? 18 TREASURER GOLDBERG: Yes, Theresa. 19 Please do. 20 MS. McGOLDRICK: I just wanted to say 21 that I think this is very important work that 22 should be highlighted. And I echo Bob and Ruth Ellen and Dennis's comments about making it a 23 24 priority and also scrutinizing it.

1 And I think the work that Michelle has done and the Treasurer has done and all of PRIM 2 3 has done to work on this important issue should be commended, and it should be at the front of the 4 meeting, whether it's rotational or otherwise, and 5 6 highlighted as something we do. 7 I just read yesterday an article, which I can forward to all, if interested, about an 8 9 investigation into the current practices of the 10 OSD office for the Commonwealth not properly 11 reporting minority businesses that have been 12 contracted out with or hired by the administration 13 over --14 (Technical interruption.) 15 TREASURER GOLDBERG: I think we lost 16 Theresa. 17 MALE SPEAKER: It looks like her screen 18 is frozen. 19 TREASURER GOLDBERG: I don't know if you can hear us, Theresa, but you froze. 20 21 I think probably everyone on the call is 22 familiar with the article that came -- with the 23 study -- the information that came out yesterday. 24 Everyone is familiar with that, are they

1 not?

2 I don't hear acknowledgments. 3 MR. NAUGHTON: Yes. MS. FITCH: I think so. I've got to go 4 5 back, look. 6 TREASURER GOLDBERG: Yesterday there was 7 a news article that explained that there has not 8 been proper tracking of information on diverse 9 hires and diverse suppliers at the statewide 10 level. 11 MS. FITCH: I've seen the headline. 12 Yes. TREASURER GOLDBERG: I think she is 13 gone. So I think something just got knocked 14 out. If she's able to rejoin us, we'll 15 acknowledge her. 16 Are there any other comments or 17 18 questions? 19 Hearing none, if Theresa makes it back in, we'll have her speak, but otherwise, I am 20 going to move on to the legal and legislative 21 update. 2.2 MR. SUPPLE: Thank you. Good morning, 23 Madam Chair and members of the board. 24

And Ruth Ellen and Bob, to your point, 1 here comes your lawyer at the end of the meeting, 2 but I'm happy to report I think I could probably 3 get this done within an hour or two. 4 5 TREASURER GOLDBERG: Actually, Chris is going to suggest that he get to go first. 6 7 MR. SUPPLE: The good news is there's three points. On legal, I have nothing of 8 significance to report to you today so that's a 9 good thing. 10 And then on the state legislative front, 11 we've been in close contact with the Treasury's 12 legislative people, who have been great to work 13 with. And Emily is going to report on a couple of 14 matters there. 15 And then on the federal regulatory 16 front, there is one brief matter that I will 17 report on. On Monday, August 31, the federal 18 19 Department of Labor proposed a rule that would restrict the ability of fiduciary shareholders to 20 vote on proxy matters and would require that there 21 be an articulation of the reason and the economic 2.2 impact of the issue if proxy voting is going to be 23 done by fiduciary shareholders. 24

1 We know from our excellent presentations we've had from John Nixon on DOL-related matters 2 3 that PRIM is not covered by ERISA, but nonetheless, institutional investors and 4 5 fiduciaries always pay attention to what the DOL 6 does and what the rulings are with respect to 7 ERISA-covered plans because the ERISA language is 8 very similar to the state statute that governs 9 PRIM, and courts often look to ERISA for guidance 10 in interpreting even state statutes that aren't 11 strictly speaking ERISA.

12 So the timing is a little noteworthy in 13 that there's a 30-day comment period. So that 14 brings you to September, end of September, which 15 is just five weeks short of an election. So it's 16 kind of doubtful whether anything will happen in 17 the short term there, but nonetheless, that is 18 something that has attracted the attention of 19 fiduciaries and institutional investors. Its 20 impact is mostly on Taft-Hartley plans, if it were 21 to become actually a regulation.

And I'm happy to answer any questions on that, if anybody has any.

24 If not, I would turn it over to Emily

1 for the state update.

2 TREASURER GOLDBERG: Before you do, 3 because I actually brought this to Michael's attention because treasurers are talking about 4 5 this a lot. We are concerned. 6 Number 1, what we have heard as a group 7 is that there is some political motivation on 8 this, and I know politics is not part of what we 9 like to have influence our work. And that is 10 Chris alluded to its timing. 11 But what we're also concerned about is 12 that this is being viewed by some fiduciaries 13 as -- I always say the elephant's nose, but it's 14 the camel's nose under the tent. And that there 15 are fiduciaries that it will concern that are not 16 ERISA plans and are not Taft-Hartley, and it will 17 have a chilling effect on a lot of shareholder 18 activity, including there are a lot of investment 19 firms who become active shareholders who find this 20 as an increasingly important role, their 21 participation and impact on the way companies 22 govern themselves. And this is seen as a chilling 23 effect on it.

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So it is extremely necessary, even

1 though it may not directly apply to us at this 2 time, to be paying attention to what's going on. It is definitely an effort to cut back on the 3 advances that have been made both on the 4 5 investment side and on activist shareholder sides 6 in general. 7 So that's why I wanted everyone to have a heads-up about this. 8 9 Dennis? 10 MR. NAUGHTON: Thank you, Madam 11 Treasurer. 12 Thank you for bringing that up, Chris. 13 I know I had been contacted by Erika Glaster, of 14 course, as I have my seat by virtue of my seat on the retirement board, the teachers retirement 15 board. And there was a concern there as well for 16 17 some of the same reasons we're talking about here. 18 And what I said to Erika was it may or may not be 19 moot, as we all know, after the election. 20 But in any case, expressing my own 21 feeling now, and especially based on what the 22 Treasurer just said, that the "chilling effect," 23 quote/unquote, why would we not or do we intend to 24 weigh in during the comment period as PRIM?

MR. SUPPLE: Dennis, I guess I would be 1 2 inclined to take guidance and direction from the 3 board and committee members on that point. I guess a couple quick things would be, 4 to the Treasurer's point, it's correct, and I 5 6 think there are folks who are following this, 7 think this is --8 Well, first of all, there's no question 9 that the intent of it is to restrict the ability 10 of fiduciaries to be active on proxy voting 11 issues. And the commentary when the news reports 12 report on this, there is commentary from the 13 Department of Labor officials. Eugene Scalia is 14 the director. And it's pretty clear that the 15 intent of it is to try to restrict fiduciaries to 16 economic impact and steer them away from social 17 policy issues. 18 People think, though, and John Nixon and 19 I have talked about this, that with respect to 20 corporate governance, that would always be an

21 economic impact issue. So there shouldn't be any 22 trouble there. In other words, a shareholder 23 should always be able to vote on matters relating 24 to corporate governance.

1 And then the third I guess is --2 TREASURER GOLDBERG: Chris, there is an 3 issue, what is the definition of the economic impact? For example, we know from a tremendous 4 5 amount of data, that companies that are more diverse, are more innovative, are more effective 6 7 and better in tune with their customer base from 8 the data, but that may not be seen as an XYZ type of --9 10 One of the things I read and I sent you 11 guys -- I'm sure you have the two articles -- is 12 what is that definition of economic impact? And 13 how is it proven? 14 MR. NAUGHTON: If I may just follow up, 15 yes. I mean to me, that would be something that 16 we would express as our point of view. 17 In lieu of making a motion, and I will 18 make one, if need be, that we do weigh in on this 19 as PRIM during this period, but I would like to just ask -- without objection, I'd like to ask 20 21 that we do respond during the comment period. 22 So I'm not hearing any objection. Can 23 we respond? Otherwise, I'll make a motion. 24 MR. SUPPLE: If the question is to me,

I'd be happy to assist in preparing a response,
 certainly.

3 MR. NAUGHTON: Okay. Well, I'm not 4 hearing an objection, so I'm taking that that the 5 board is comfortable with us making a response as 6 PRIM because of the potential chilling effect and 7 without saying any more.

8 TREASURER GOLDBERG: Does that require a 9 vote?

10 MR. SUPPLE: I think it would be -- I 11 guess I could circulate something. And if there 12 was no objection to it, as Dennis said, I don't 13 think it would require a vote.

MR. NAUGHTON: Well, no. But if there is objection, I'd rather do it right now as a motion because the objectors could vote against it, and then we'd have it resolved now.

18 So I would make a motion that PRIM 19 respond to this current situation that has 20 developed with its own testimony against this 21 limitation of the right of entities to speak 22 through the procedures that we have established, 23 and indeed, it's a procedure that we spent a lot 24 of time on, our proxy procedure, and we've taken

very seriously, and we'll continue to do that. So 1 2 I think that's all the more imperative that we should weigh in here, lest anybody throw any cold 3 water on this mechanism that we have at our 4 5 disposal. 6 So my motion is that we respond within 7 the comment period, expressing our views in the 8 negative against this suggestion. 9 MS. McGOLDRICK: Second. 10 MR. BROUSSEAU: Second. 11 MS. McGOLDRICK: It requires a roll call 12 so I'm going down the list. 13 Okay. Bob? 14 MR. BROUSSEAU: Yes. 15 TREASURER GOLDBERG: Carly? 16 MS. ROSE: Yes. 17 TREASURER GOLDBERG: Dennis? 18 MR. NAUGHTON: Yes. 19 TREASURER GOLDBERG: Theresa? 20 MS. McGOLDRICK: Yes. 21 TREASURER GOLDBERG: Jim? 22 MR. HEARTY: Yes. 23 TREASURER GOLDBERG: Paul? MR. SHANLEY: Yes. 24

1 TREASURER GOLDBERG: Ruth Ellen? 2 MS. FITCH: Yes. 3 TREASURER GOLDBERG: Peter? MS. FITCH: He's on mute. 4 5 MR. BROUSSEAU: He's on mute. Yes. 6 TREASURER GOLDBERG: He's looking at us. 7 MR. MONACO: I apologize. I had to step away for a moment. What exactly are we voting on? 8 9 TREASURER GOLDBERG: Commenting during 10 the comment period on an opinion that was just put 11 through which has a chilling effect on shareholder 12 activities and shareholder actions. 13 MR. MONACO: This is federal Department 14 of Labor-related? 15 TREASURER GOLDBERG: Yes. 16 MR. MONACO: Is that separate from the 17 ESG-related ruling recently? Or part and parcel 18 of? 19 MR. SUPPLE: It's similar, Peter. You're correct that they touch on the same issues. 20 21 It's a little different in that this one would 22 relate exclusively to proxy voting, whereas the 23 other one that we've talked about previously 24 relates to investment decisions generally.

1 MR. MONACO: Got it. Okay. 2 Okay. Yes. 3 TREASURER GOLDBERG: And myself, yes. The motion carries. 4 5 Okay, Chris. I know Nick Favorito from the retirement board has looked at this; as has 6 7 a lot of my legislative people, so if you want 8 any of them to work with you on it, we'd be happy to. MR. SUPPLE: Thank you. 9 MS. FITCH: And I think it should be 10 11 noted that it's a unanimous vote. 12 TREASURER GOLDBERG: Thank you, Ruth 13 Ellen. 14 Okay. Now I think at this point, we're 15 turning this over to Emily Kowtoniuk. 16 MS. KOWTONIUK: Hi, everyone. Good 17 afternoon now. I'm Emily Kowtoniuk. I am the 18 policy and legislative director for Treasurer 19 Goldberg. And I have a very guick, I promise, 20 update on state legislation. 21 So we are in the second year of the two-22 year legislative session. Typically formal 23 sessions will end for the year or for the session 24 on July 31 of the second year.

1 This year, however, with the impact of 2 the pandemic, we have several policy priorities 3 that are still pending before the legislature, and the legislature has chosen to extend the 4 5 legislative session through the end of this year. 6 So among the items that we're watching 7 for PRIM, perhaps the one that is most likely to 8 impact PRIM's work is legislation that the 9 Treasurer mentioned earlier on in our conversation 10 relative to investment equity. And that piece is 11 currently pending in a conference committee before 12 the legislature. It's part of the economic development 13 14 bill, and we are expecting that the conference

15 committee report will be issued most likely in the 16 next couple of weeks. So that's something that we 17 will be watching very closely.

We're also still waiting on a state budget and still waiting for a couple of other conference committees to wrap up their work not relative to PRIM. So we are watching all of the sort of smaller pieces relative to PRIM that are stand-alone bills.

However, we feel that there's a very

1 small likelihood that these will advance, given 2 the extraordinary times. 3 TREASURER GOLDBERG: Any questions for 4 Emily? 5 MR. MONACO: It's Peter, Madam 6 Treasurer. Not so much a question, but maybe a 7 comment. 8 I don't have it at my fingertips, but I 9 do recall reading the draft amendments put forth 10 both on the house and the senate side. And they 11 appeared essentially identical to me. 12 I was bothered by some of the language. If I understood it correctly, if the legislation 13 14 were enacted, not only would it require PRIM to 15 endeavor to meet certain quantitative targets when 16 it comes to hiring minority and other managers, 17 but it seemed to intend to require that if it were 18 necessary for PRIM to do so, to meet those 19 targets, it would need to relax policy, process 20 requirements, et cetera. 21 And that was troubling to me because 22 while the goal is laudable, it does seem to create a little bit of conflict or tension with our 23 24 fiduciary responsibility.

1 But the biggest problem I have with it 2 or think I have with it is that we all sat here 3 all day talking about how good PRIM is at everything it does, that probably not least a 4 5 function of consistent, repeatable, always applied 6 practices and quality controls. 7 Why would we want to have process change 8 imposed on us? 9 TREASURER GOLDBERG: Emily, do you want 10 to respond or --11 Did you read the actual legislation, 12 Peter? MR. MONACO: You know, again, it was two 13 14 months ago, I believe, or toward the back end of 15 July. 16 TREASURER GOLDBERG: It's a goal. It is 17 not imposed. And we believe that it is better for 18 us to participate in the direction this is going 19 instead of having something just imposed on us 20 without us helping to guide. 21 There are other states who've already 22 enacted this. They haven't necessarily achieved 23 the goals, but at least it makes it an extremely 24 conscious effort. And we are looking for firms

that perform at the same or even better levels
 than what we have today.

MS. KOWTONIUK: And in terms of the 3 investment strategy piece, the language does 4 require PRIM to review and examine investment 5 strategy and to determine whether the current 6 7 investment strategy might restrict minority involvement in the fund, either as an investment 8 manager or as a consultant, but it doesn't 9 necessarily require PRIM to change its investment 10 strategy, just to examine and determine. 11 MR. MONACO: Thanks for the 12 clarifications. 13 MR. BROUSSEAU: Madam Treasurer, like 14 Peter, I read this a couple months ago, so I was 15 trying to refresh my memory. 16 Are there not reporting mechanisms in 17 this requirement that would require PRIM to report 18 19 to -- if I recall in the back of my mind to -- is it house ways and means and senate ways and means 20 on a -- is it a yearly -- I thought there was a 21 reporting mechanism in this. 2.2 Maybe I'm wrong. Somebody please try to 23 educate me on it. 24

1 MS. KOWTONIUK: Yes. So there is a 2 reporting requirement where PRIM would report to 3 the legislature and, as you said, to the chairs of house and senate ways and means about their 4 5 progress in this initiative. 6 And that report does require PRIM to 7 specify whether they considered any minority 8 investment managers and what the specific reason 9 for declining such an opportunity might have been. 10 MR. SUPPLE: I've got it right in front 11 of me, and it is exactly as Emily has described on 12 both of those points. MR. BROUSSEAU: I guess probably -- I 13 mean I hear the answer, and I understand it, but 14 15 are we going to tell them on a case-by-case basis of investments we make and what was done to 16 17 implement the requirements of the legislation? 18 MS. KOWTONIUK: Yes, as part of an 19 annual report. So it doesn't require ongoing 20 reporting, but a summary of PRIM's annual action. 21 MR. BROUSSEAU: And it would in no way 22 tie the hands of PRIM in terms of the trustees 23 making investment decisions that are in the best 24 interest of the beneficiaries? Because that's

1 been the way we have operated. We asked Michael 2 to move in this direction; we are as an 3 organization. But it's the requirement for reporting 4 5 that had me a little confused. It's beginning to 6 get clarified now. 7 TREASURER GOLDBERG: What I can tell you 8 is I have been asked at least at a minimum of 9 three different times since June to share with 10 people this very data. And so Michael and team 11 have had to prepare for me those kind of reports. 12 And what I want to repeat is, for 13 example, and this is not in terms of their 14 performance, the issues for the pension fund in 15 Illinois have nothing to do with the actual 16 pension fund's performance but has much more to do 17 with the legislature there having not transferred 18 their share for quite a significant amount of time. 19 20 Illinois has not reached the, guote/ 21 unquote, "goal," but has had no trouble reporting

21 unquote, "goal," but has had no trouble reporting 22 and no trouble also with respect to finding some 23 appropriate investments at all different levels of 24 investing, from small to large.

1 So when I talked about this at admin and 2 audit, Bob, you recall that I very much suggested 3 that this is an issue that is not going to go away and that it is really important that PRIM be a 4 5 part of the solution as opposed to having 6 something that we aren't a part of happen to us as 7 we move into the future. 8 MS. FITCH: What stage are we at now? 9 TREASURER GOLDBERG: Emily explained 10 this right now is probably not going anywhere. 11 Correct, Emily? 12 MS. KOWTONIUK: So it's part of a conference committee that is currently being 13 14 discussed between select members of the house and 15 senate. If it does come out as part of the 16 conference committee report, which we do expect 17 will come out in the next couple of weeks, it will 18 then go to the governor for his signature. 19 TREASURER GOLDBERG: Oh, I thought, 20 Emily, that you told me that it was part of -- I 21 thought it was part of the economic development 22 bill. 23 MS. KOWTONIUK: Yes. So it was inserted

24 into the economic development bill by the house.

1 The senate did not include it. They did not 2 include any items that were included by the house 3 to position themselves well for negotiations in conference, which are currently taking place now. 4 5 MS. FITCH: So I mean it sounds like it will become a part of the bill, even though --6 7 TREASURER GOLDBERG: No, not necessarily. 8 9 MS. FITCH: Okay. 10 TREASURER GOLDBERG: Because you have to 11 understand something. As you just heard Emily 12 mention, the senate did not include --13 MS. FITCH: Right. 14 TREASURER GOLDBERG: -- anything the 15 house bill did. So it depends on horse trading. MS. FITCH: And that goes on in the 16 conference committee. 17 18 TREASURER GOLDBERG: No. It's really horse trading. We'll give you this, if you give 19 us that. 20 I'm going to be blunt. I don't think 21 this is at the top of any -- this isn't -- I don't 22 know how to say this. I'm not sure it's a high 23 priority right now, but I can't guess. I can't 24

1 guess.

Emily, would you comment? 2 MS. KOWTONIUK: Right. It's not one of 3 the primary points of disagreement between the 4 5 house and senate. Absolutely. 6 So there was a sports betting initiative 7 that was also included as part of this bill that 8 is occupying a lot of the conferees' time. 9 I think that we would say that if it 10 does become part of the conference committee 11 report, that we would anticipate that the governor 12 would sign it. He can return things with 13 amendments, and he can strike things. But I think 14 that if it is part of the conference committee 15 report, our advice would be to be prepared to see it become law. 16 17 TREASURER GOLDBERG: Comments, 18 questions? 19 Hearing none, what's next? My computer just -- my agenda closed. 20 21 Anthony, amazing. 22 MR. FALZONE: It's all other matters 23 that are in front of --24 TREASURER GOLDBERG: Travel and all that

1 kind of stuff.

2 MR. FALZONE: Correct. There is a 3 client service item on there. I don't know if --TREASURER GOLDBERG: Paul. 4 5 MR. FALZONE: -- but I think Paul may 6 have a quick update. 7 MR. TODISCO: Treasurer, if that's okay, I will be very brief. 8 9 TREASURER GOLDBERG: My pleasure. 10 MR. TODISCO: Thank you so much. I just want to thank all the members of 11 retirement boards and staff that have joined 12 today's meeting remotely. Also members of the 13 investment community who also serve many of our 14 member systems, and I appreciate the continued 15 participation in this format. 16 It's really been very helpful as we go 17 on the road -- remotely go on the road, I should 18 say -- to meet with our member systems and to 19 provide information in addition to what they've 20 already learned from our board and committee 21 meetings. 22 Michael mentioned in his review of 23 FY 2020 accomplishments that the MBTA Retirement 24 Fund invested in our hedge funds and in private

equity. And I'm happy to report another 1 development that he'll be able to add to his list 2 of FY 2021 accomplishments next year. Over the 3 past few months, we've been working with the MBTA 4 Retirement Fund staff and their consultant, Segal 5 Marco, meeting with them remotely and having 6 discussions about a possible investment in our 7 8 emerging markets equity program. In June, members of the PRIM investment 9 and client services team, Dave Gurtz, Andre Clapp, 10 Andre Abouhala, Emily Green, Francesco Daniele and 11 I, met with Segal Marco and representatives of the 12 MBTA Retirement Fund staff for an initial 13 interview. 14 We were subsequently invited to make a 15 presentation to the full MBTA retirement board on 16 July 17, after which, the board voted to approve 17 an investment in PRIM's emerging markets equity 18 portfolio. 19 And that took place on August 3. They 20 transferred \$30.1 million to the emerging markets 21 sleeve. So we are very thankful to the MBTA 2.2 Retirement Fund Associated stattheics in we streep out, we are 23

meeting continuously with our member systems

24

1 remotely.

2 I'd just like to add a postscript to Michael's performance evaluation. Michael's 3 always been 100 percent supportive and committed 4 to PRIM's client service efforts, and he did 5 recently attend remotely with the Worcester 6 Regional Retirement System and the Belmont 7 Retirement System. And he'll be attending an Essex 8 Regional Retirement System meeting, as well as in 9 10 Andover. And I'd also like to thank the 11 12 Treasurer's HR team for inviting Tony Falzone and me to present to the Treasury staff at the brown 13 bag session that they held on September 2. There 14 were a lot of people who participated in that, 15 including many PRIM staff. 16 So I thank you so much for that 17 opportunity. We enjoyed it. And we're happy to 18 19 do another one at some time in the future, if you would all see fit. 20 So that will end my comments. And if 21 anyone has any questions, I'd be happy to answer 22 23 them. TREASURER GOLDBERG: Any questions for 24 Paul?

1	12:30 on the dot.
2	MR. TODISCO: Great.
3	MR. BROUSSEAU: Move to adjourn.
4	TREASURER GOLDBERG: I seek a motion
5	don't forget it's roll call.
6	MR. BROUSSEAU: I know that.
7	TREASURER GOLDBERG: Motion to adjourn.
8	MR. NAUGHTON: Second.
9	TREASURER GOLDBERG: Okay. Ready? I'm
10	going right across.
11	Paul?
12	MR. SHANLEY: Yes.
13	TREASURER GOLDBERG: Bob?
14	MR. BROUSSEAU: Yes.
15	TREASURER GOLDBERG: Dennis?
16	Ruth Ellen?
17	MS. FITCH: Yes.
18	TREASURER GOLDBERG: Jim?
19	MR. HEARTY: Yes.
20	TREASURER GOLDBERG: Carly?
21	MS. ROSE: Yes.
22	TREASURER GOLDBERG: Is Peter still on,
23	or did we lose him? Peter's house is on.
24	MR. MONACO: Yes.

1		MALE SPEAKER: His house votes yes.
2		TREASURER GOLDBERG: Okay. And
3	Theresa's	back.
4		MS. McGOLDRICK: Yes.
5		TREASURER GOLDBERG: I am here.
6		MR. NAUGHTON: I vote yes.
7		TREASURER GOLDBERG: The motion carries.
8		Goodbye, everybody.
9		(Meeting adjourned at 12:30 p.m.)
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