

1 **COMMONWEALTH OF MASSACHUSETTS**
2 **PENSION RESERVES INVESTMENT MANAGEMENT BOARD**

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13 *Minutes of the February 14, 2017 Board Meeting*
14 *commencing at 12:08 p.m.*

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24 **in the**
25 **PRIM Board Offices**
 at 84 State Street
 Boston, Massachusetts

PRIM Board Meeting Minutes of 2/14/2017
For Approval at the May 2017 Meeting

	I N D E X	
		<u>PAGE NO.</u>
1		
2		
3	List of Documents and Other Exhibits	3
4	Attendance	4
5	Call to Order	5
6	Consent Agenda	6
7	Executive Director/Chief Investment Officer Report	6
8	Investment Report:	
9	Asset Allocation Recommendation	34
10	Public Markets	
11	Performance Summary	48
12	International Small-Cap Equity RFP Recommendation	54
13	Hedge Funds and Portfolio Completion Strategies Performance Summary	65
14	Private Equity:	
15	Performance Summary and Cash Flows/ Commitment Summary	75
16	New Investment Opportunity: Trident VII, L.P.	80
17	New Co-Investment Manager	80
18	Real Estate and Timberland Performance Summary	86
19	Finance & Administration Report:	
20	2017 Proxy Voting Guidelines	90
21	Board Self-Evaluation Process Review	97
22	Adjournment	101
23		
24		
25		

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D O C U M E N T S*

- A. Minutes of the December 6, 2016 PRIM Board Meeting
- B. Securities Lending Financing Program
- C. PRIM Board Election Services RFP Recommendation
- D. PRIT Fund Performance Report (December 31, 2016)
- E. BNY Mellon Gross of Fees Performance Report (December 31, 2016)
- F. 2017 Annual Plans of PRIM Staff
- G. NEPC Asset Allocation Presentation
- H. 2017 Asset Allocation Presentation by PRIM Staff
- I. International Small-Cap Equity RFP Recommendation
- J. Callan International Small-Cap Equity RFP Recommendation
- K. Real Estate and Timberland Portfolio Report
- L. ISS's Executive Summary of 2017 Proxy Voting Guideline Updates and Process
- M. PRIM Custom Policy Matrix - 2017 Proxy Voting Policy Update
- N. November 2016 PRIM Operating Budget
- O. Travel and Staff Development Report

*Referred to and/or used at the meeting and retained at the PRIM Board offices.

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A T T E N D E E S

Board Members

- Treasurer Deborah B. Goldberg, Chair
- Robert L. Brousseau
- Ruth Ellen Fitch
- Theresa F. McGoldrick, Esq.
- Dennis J. Naughton
- Carly Rose
- Paul E. Shanley, Esq.

Other Attendees:

- Chandra Allard, Treasury
- Kevin Blanchette, Worcester Regional Retirement
- Patrick Brock, Hampshire County Retirement
- Megan Costa, Standard Life
- Hugh Drummond, OA
- Beth Healy, Boston Globe
- Svea Herbst, Reuters
- Mike Koenig, Hamilton Lane
- Phillip Nelson, NEPC
- Jon Ostrowsky, Treasury
- Rico Oyola, SEIU
- Paul Quirk, LLC
- Dan Stenger, Townsend
- Millie Viqueira, Callan
- Michele Whitham, PRIM Committee Member
- Darren Wolf, Aberdeen

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P R O C E E D I N G S

A meeting of the Pension Reserves Investment Management Board (PRIM Board) was held on February 14, 2017 at the PRIM Board offices located at 84 State Street, Boston, Massachusetts.

Call to Order:

The meeting was called to order and convened at 12:08 p.m. Treasurer and Receiver-General Deborah Goldberg chaired the meeting.

TREASURER GOLDBERG: Before we begin, I would like to read the Open Meeting Law.

The Massachusetts Open Meeting Law permits meetings to be recorded and states that the chair shall inform attendees at the beginning of the meeting of any such recording. So accordingly, I am informing you all that Virginia Dodge, seated here to my left, is transcribing and also recording this meeting.

If anyone else in attendance today is recording the meeting, I would ask that you would identify yourself.

Okay. Also for the benefit of our stenographer and all those who are listening, please identify yourself by name and speak clearly and audibly.

1 So the meeting has begun. And I would
2 seek a motion that the PRIM Board approve the
3 consent agenda as described in the expanded
4 agenda, which includes the approval of the PRIM
5 Board minutes of December 6, 2016 meeting,
6 approval of the securities lending financing
7 program and approval of the results of the PRIM
8 Board election services RFP, and further to
9 authorize the executive director to take all
10 actions necessary to effectuate this vote.

11 MR. BROUSSEAU: So moved.

12 MR. NAUGHTON: Second.

13 TREASURER GOLDBERG: All those in favor?

14 BOARD MEMBERS: Aye.

15 **(VOTED: To approve the consent agenda**
16 **as described in the expanded agenda,**
17 **which has the approval of the PRIM Board**
18 **minutes of December 6, 2016 meeting,**
19 **approval of the securities lending**
20 **financing program and approval of the**
21 **results of the PRIM Board election**
22 **services RFP, and further to authorize**
23 **the executive director to take all**
24 **actions necessary to effectuate this**
25 **vote.)**

22 TREASURER GOLDBERG: Executive director/chief
23 investment officer report.

24 MR. TROTSKY: Thank you, Madam Chair.

25 And thank you all for coming and

1 accommodating the schedule change.

2 I'd like to acknowledge several
3 committee members in the room today. Thank you
4 for coming.

5 Michele Witham, hello. Patrick Brock.
6 Joe Connolly. Treasurer Joe Connolly is here.
7 All on the Admin and Audit Committee.

8 Kevin Blanchette is also here from the
9 Worcester Regional System, a client of ours.

10 And a special guest, former executive
11 director of PRIM Paul Quirk, who was executive
12 director sitting in my chair from '84 to '90, is
13 here with us.

14 Welcome. I hope you find it
15 interesting.

16 Good morning. We definitely have a lot
17 to cover, and I know several people have to catch
18 trains a little later, so I'll try to be very
19 brief.

20 I will begin with an organizational
21 update, and then I'll review markets and PRIT Fund
22 performance, as well as a summary of the 2017
23 annual plans. Later, I will cover asset
24 allocation recommendations very quickly, and asset
25 class heads are available to take questions on

1 asset allocation, should we have any.

2 We spent a lot of time at the Investment
3 Committee meeting and the Real Estate and
4 Timberland Committee reviewing the asset
5 allocation changes. In fact, six of the nine
6 board members were present during those detailed
7 discussions. And hopefully that makes the asset
8 allocation decisions move quickly today.

9 But first, a brief organizational
10 update. You may notice that Sarah Samuels is out
11 today. She's on maternity leave after --

12 TREASURER GOLDBERG: Paid parental leave.

13 MR. TROTSKY: Paid parental leave. I'm
14 sorry. Is that what we call it?

15 TREASURER GOLDBERG: Because men take it
16 also, and they're not typically taking maternity
17 leave.

18 MR. TROTSKY: Paid parental leave. I'm
19 sorry.

20 Everybody is healthy and happy. Sarah
21 will be back in April. I'm not exactly sure what
22 day in April, but sometime in April. And Chuck
23 LaPosta, our fixed income expert, will be filling
24 in for Sarah, and you'll hear from him today.

25 Next, I want to announce that Christina

1 Satcher in the back of the room, an accounting
2 assistant on Dave's finance team, successfully
3 completed the CFA's Investment Foundations
4 curriculum. That's formerly known as the Claritas
5 program, a program designed as an educational
6 foundation for those in support of investment
7 decision-makers.

8 She joins more than 20 colleagues,
9 including some committee members, who have
10 similarly studied and passed the exam.

11 So congratulations. I'm sure it will
12 help you, and I appreciate the hard work involved
13 in taking that test. Thank you.

14 Next, I want to highlight to the full
15 Board an interesting new investment in the real
16 estate portfolio that you may have already heard
17 about through media outlets.

18 In December, PRIM closed on its first
19 ever direct real estate investment. And we're
20 very proud of that. The \$112 million investment
21 is in 20 acres of prime land in a long-term 60-
22 plus-year ground lease in Santa Clara, California.
23 That's in the heart of Silicon Valley. The land
24 is leased to the largest developer in California,
25 the Irvine Company. And there are three new

1 Class A buildings on the property, leased
2 currently to prime tenants.

3 PRIM expects to save \$11 million by
4 avoiding investment management fees by going
5 direct. This deal is underwritten to return
6 approximately 8 percent per year for more than
7 20 years. So it's a great deal for us.

8 The lease also adjusts upward in terms
9 of its pricing. The lease adjusts upward with Bay
10 area CPI. So that's great news.

11 Congratulations to Tim and the whole
12 entire real estate team and also to the Real
13 Estate Committee for completing that transaction.

14 Turning to the markets and economy, and
15 I'll go through this rather quickly because we did
16 discuss this in great detail at the Investment
17 Committee, there's no doubt that the Presidential
18 election has had a major impact on global markets.

19 Since the election and through
20 yesterday, domestic stocks are up 9.9 percent,
21 almost 10 percent. Small cap domestic stocks up
22 17 percent. Developed international markets --
23 that's Europe and Japan primarily -- are up
24 6.5 percent. Emerging markets are up 4.9 percent.
25 Diversified bonds are down 2 percent.

1 (Ms. McGoldrick left the meeting.)

2 We've talked about a bond headwind for
3 quite some time. And long-duration bonds really
4 took a hit. As interest rates rise, long-duration
5 bonds are down almost 10 percent.

6 We've seen a continuation of this strong
7 performance in the months of January and February
8 to date. Domestic stocks are up over 2 percent
9 per month in those two months, January and
10 February. Developed international markets, also
11 up very strong, up 2.9 percent in January. Up a
12 percent in February to far.

13 Emerging markets very strong in January,
14 up 5.5 percent and up another 2.9 percent so far
15 in February.

16 (Ms. McGoldrick rejoined the meeting.)

17 Bonds and long-duration bonds are about
18 flat for the calendar year through yesterday.

19 We have seen the Dow rise to above
20 20,000. In fact, yesterday, it closed at a record
21 20,412.

22 And with the backdrop of some slightly
23 better economic news, we have seen economists
24 raise their forecasts for GDP growth, inflation
25 and bond yields. And this is also in the wake of

1 a quarter point hike in interest rates by the Fed
2 in December, and the Fed just stood pat in
3 January.

4 For 2018, we're seeing GDP growth rate
5 estimates rising to 3 percent from about 2 percent
6 currently. Inflation estimates rising to
7 2.5 percent from about 1.5 percent currently.

8 And the 10-year Treasury is expected to
9 yield about 3.25 percent in 2018, up from
10 2.4 percent now.

11 Economic indicators have been mostly
12 positive. Manufacturing up. Nonfarm payrolls
13 jumped to 227,000 in January versus an expectation
14 of 175,000, very strong. Wage growth of
15 2.8 percent reached a seven-year high. CPI is
16 adjusting upward, almost 2 percent now.

17 Consumer confidence also very high, 98.5
18 in December. That was a decade high, only to have
19 come back down a little bit this month to 95.7.

20 Mortgage applications are ticking
21 higher. S&P earnings have come in very strong.
22 So companies are doing well, and leading
23 indicators are generally strong.

24 On the negative side, fourth quarter GDP
25 growth fell to 1.9 percent from 3.5 percent. Now,

1 some of this was due to a spike in soybean exports
2 in Q3 that readjusted. But still, 1.9 percent in
3 the fourth quarter meant that growth for the year,
4 2016, came in at just 1.6 percent, not a very
5 strong year. And that's the 11th straight year
6 below 3 percent and actually the worst economic
7 growth since 2011.

8 You may have noticed that the Eurozone
9 posted 1.7 percent growth for the year very
10 recently. That's the first time since 2008 that
11 the growth rate in the Eurozone exceeded that in
12 the U.S.

13 At the last meeting, we spoke of the
14 fact that the markets were focused on several
15 stimulative effects of the Trump platform. Tax
16 reform, fiscal stimulus, infrastructure spending
17 and deregulation are expected to boost growth and
18 have driven both equity markets and bond yields
19 higher.

20 Just last week, we heard President Trump
21 say that he would announce something, quote,
22 "phenomenal" on taxes in the coming weeks. We
23 don't know what that will be, but --

24 TREASURER GOLDBERG: Well, actually, I just
25 got back from DC, and we got a lot of information.

1 We met with one of the deputy chiefs of staff
2 yesterday. So I'll share that when you're done.

3 MR. TROTSKY: Okay.

4 But we are also seeing some glimpses of
5 policies which may reduce growth longer term.
6 We've seen aggressive new policies on immigration,
7 tariffs and trade. In the last few weeks alone,
8 the TPP is dead. The Trans-Pacific Pact
9 agreement, NAFTA, will be renegotiated. We don't
10 know what the outcomes will be.

11 And longer term, we here at PRIM still
12 believe there are many, many risks. And you will
13 hear our asset allocation plans, which hopefully
14 enable our portfolio to perform well in all
15 environments.

16 So turning to PRIT Fund performance,
17 there's a report in front of you, also at
18 Appendix D. Please turn to page 1.

19 On page 1, you'll see the December 31
20 quarterly results. You can see that despite the
21 election and despite a lot of volatility, the PRIT
22 Fund and the markets were relatively flat in the
23 entire December quarter. The PRIT Fund was down
24 fractionally -- 0.2 percent versus a 60/40 mix
25 which was down 0.5 percent. You'll see that in

1 the middle of the chart.

2 On the left, you can see what did well.
3 You'll see that U.S. equities, private equity,
4 distressed debt, timberland and hedge funds were
5 strong performers in the quarter.

6 And on the right, you can see what
7 didn't perform so well. As I mentioned before,
8 long-duration bonds, STRIPS, were down
9 significantly. Emerging markets debt also down
10 significantly. Diversified bonds also weak.
11 We've talked a lot about this bond headwind in
12 light of the fact that interest rates are going
13 up.

14 Next page, page 2, you can see the one-
15 year performance. The calendar year picture was
16 strong in nearly every single asset class.
17 Everything is positive on this particular chart.

18 On the left, you can see what did well.
19 U.S. equities, small cap U.S. equities in
20 particular, were up nearly 17 percent. Private
21 equity very strong. High yield bonds also very
22 strong.

23 On the right, you can see what didn't do
24 as well. And you can see that bonds and in
25 particular long-duration bonds were not quite as

1 strong.

2 Turning to the next page, you can see
3 PRIT Fund performance. For the one-year period,
4 the PRIT Fund stood at \$62.7 billion and was up
5 8 percent for the calendar year. That's 83 basis
6 points below our internal benchmark. I'm going to
7 explain that in a minute.

8 The performance equates to an investment
9 gain of \$4.8 billion in the year and \$494 million
10 below our benchmark return. And for the year, we
11 paid benefits out of this pool of assets. We paid
12 \$1.4 billion in outflows to pay benefits in the
13 calendar year.

14 The 8 percent, of course, follows a
15 fiscal year of up 2.3 percent ending in June.
16 2.3 percent was very, very strong competitively.
17 And I've said before and I'll say again that we
18 know of no other public funds in the country our
19 size or larger that posted that kind of
20 performance for the fiscal year, and certainly was
21 competitive with most endowments and foundations
22 as well. Very few came close to 2.3 percent.

23 All other time periods are strongly
24 above benchmark. The five-year number is strong,
25 up 9.2 percent. The 10-year number is

1 5.1 percent. And of course that includes the
2 world financial crisis. We can't wait until that
3 rolls off of these performance numbers.

4 And I want to address the
5 underperformance of 83 basis points for the
6 calendar year. 85 basis points of the 83, so more
7 than 100 percent of the underperformance, can be
8 explained by our private distressed debt
9 portfolio. Private distressed debt is the private
10 equity sister, if you will, to our private equity
11 portfolio. Even though it was up 5.8 percent, we
12 compare that private portfolio to a public markets
13 high yield index. So it's not a very good index,
14 but it's our only option.

15 And the high yield index for the
16 calendar year was up 17.4 percent. So we're
17 comparing the performance of distressed debt to a
18 public markets index which had a very, very strong
19 year.

20 You should know that the high yield
21 index in any year is more than two times more
22 volatile than our private market portfolio. So in
23 times when high yield is performing very well, we
24 actually expect to underperform. And conversely,
25 when high yield is being hit, as it has in prior

1 years, we will outperform. So it's a bit of a
2 benchmark mismatch, if you will.

3 So we'll hear more from each individual
4 asset class head on the performance of their
5 sleeves when I'm done with my remarks.

6 But ending on page 4, you can see what
7 did well for the year. Private equity value-added
8 fixed income was up strongly, but as you know,
9 distressed debt falls in this bucket.

10 Total global equity was very strong for
11 the year. U.S. small caps, I've mentioned;
12 emerging markets equity was very strong, as was
13 U.S. large cap.

14 I'll take any questions on markets and
15 performance before moving on to the next part of
16 the agenda. And again, you'll get to ask any
17 questions of the individual asset class heads in a
18 few minutes.

19 Now, please turn back to your expanded
20 agenda, page 7, for a summary of our annual plans.
21 And I'm sorry to keep jumping back and forth.

22 Each year, we ask senior staff members
23 and each asset class head to prepare an annual
24 plan. They've done that. The annual plans are
25 presented in summary form in the expanded agenda,

1 beginning on page 7, and in more detail as
2 Appendix F.

3 We have reviewed these plans at the
4 appropriate committees, and we present them to you
5 today for any feedback and comments that you might
6 have. And of course you can deal with me
7 privately as well.

8 We will revise the plans as appropriate
9 to incorporate any of this feedback, at which
10 point, I will approve the plans as our marching
11 orders for calendar 2017.

12 Importantly, the plans don't really
13 depart significantly from those presented last
14 year. They're a continuation of the innovative
15 path that we're currently on. And as such, I'll
16 just briefly go through a few highlights, mainly
17 differences from last year, beginning with public
18 markets, page 7.

19 What's on the agenda for public markets,
20 I'll just highlight two quick things. We will be
21 doing an in-depth liquidity study. We haven't
22 done that in quite a while. As I mentioned
23 before, we pay approximately \$1.5 billion out of
24 our fund every year. \$1.5 billion out of
25 \$63 billion isn't an extreme liquidity need, and

1 we will be studying whether that should affect our
2 asset allocation into more illiquid asset classes
3 going forward.

4 Number 2, and we'll be talking about
5 this in a moment, we'll build out a new credit
6 opportunity allocation, a new asset class that
7 we'll mention in a minute. That will take some
8 significant work.

9 Moving to portfolio completion
10 strategies, you'll see that we'll be reducing our
11 STRIPS allocation. STRIPS was meant to be an
12 insurance policy against a volatile equity market,
13 but we're going to research and potentially
14 implement a new equity hedging strategy. Eric is
15 going to be in charge of that and may actually
16 allude to that in some of his comments later.

17 And then at the last Board meeting, you
18 approved an RFP to search for an emerging hedge
19 fund manager platform, focusing on global macro
20 strategies. So that's on the agenda for portfolio
21 completion strategies.

22 In private equity, you'll see in a
23 moment that we're increasing our private equity
24 allocation from 10 to 11 percent. We have to
25 implement that change. And Mike and his group

1 will be expanding the co-investment program,
2 targeting up to \$140 million in co-investments
3 that come at zero fee. We're excited about that.

4 In risk management, we're going to
5 complete our search for a Director of Risk
6 Management. We're in the final stages on that.
7 As you know, Dave Gurtz was Director of Risk
8 Management, and we've promoted him to CFO/COO. So
9 we've been searching for his replacement.

10 And then Project SAVE, we're moving into
11 Project SAVE Phase II, which is to evaluate
12 whether or not internal management makes sense
13 here at PRIM. And I'm happy to announce, and I
14 just met with him yesterday, that Michael Even on
15 the Investment Committee is actually retiring from
16 Numeric effective June, and he's pretty much
17 part-time now. And he is really going to help us
18 spearhead this research project. I think it will
19 be great to have him.

20 And you'll be hearing more from him in
21 the future, very much like Tim Vaill, who has an
22 office here and came in and out a couple times a
23 week. I think we'll see Michael Even pursuing
24 that project in much the same vein.

25 In real estate, we're going to continue

1 to look for direct real estate investments very
2 similar to the one I just highlighted in
3 California. Tim and group will be targeting an
4 additional \$200 million to direct real estate
5 investments that also come without fees. He also
6 has to do a consulting RFP because the current
7 contract expires.

8 In finance, I'll just highlight a couple
9 of things. This is on page 9. Every three years,
10 we are required to complete a PRIM Board charter
11 review. So we'll be doing that this year, a
12 charter review.

13 And secondly, we'll be completing and
14 presenting a wage gap analysis for PRIM. We're
15 well along with that and should have that shortly.

16 Client services: Paul is very busy with
17 two new employees. Sam Olivier and Francesco
18 Daniele join Paul as our client base expands and
19 not only in pensions, but also in OPEB clients.
20 So we'll be on-boarding our two terrific new
21 employees there.

22 Secondly, Paul will conduct the board
23 election as is required every three years for
24 Bob's and Paul's seats. We do conduct that
25 election. So that will happen this year.

1 And third, we're planning to have
2 another PRIM investor conference in November. So
3 that will be something that Paul and his group
4 will be planning for.

5 That's a highlight of some of the annual
6 plans. I don't want to go into too much detail,
7 but please take the time to look at your appendix
8 for more detail on everything. I tried to
9 highlight just what's new in that area.

10 I'll be happy to take questions on any
11 of that.

12 Go ahead.

13 MR. SHANLEY: Just something small. We have
14 a bunch of open positions. I think it's
15 reflective of this organization, of the number of
16 applicants you've had for those positions. If you
17 could --

18 MR. TROTSKY: Yes. Thank you.

19 I always say that the best compliment I
20 can receive and that any of us can receive is when
21 highly qualified candidates apply for our job
22 openings, and we get tons and tons of them.

23 In fact, for the last four job openings,
24 four job openings, we received more than 1,200
25 applications to come work here. And they're all

1 coming from the best companies with great
2 educations. And there's no doubt that that's a
3 huge compliment to all of us, that people want to
4 come here and work.

5 MS. FITCH: And national and international?

6 MR. TROTSKY: Yes.

7 So it's a great chore to weed through
8 all these applicants, but we do it. That's why
9 sometimes it takes us a little time. But we're
10 able to hire well and -- knock on wood -- retain.

11 Good question.

12 Anything else?

13 MR. NAUGHTON: I'm just curious. When it
14 comes to the applicants, Michael, do you have a
15 standard number that you want to see? In other
16 words, "give me three; give me five," when it
17 comes to your final interviewing?

18 MR. TROTSKY: I generally interview the last
19 three to five finalists, and then we pick from
20 that.

21 But I definitely don't interview
22 personally 1200 folks.

23 MR. NAUGHTON: Would not be a good use of
24 your time. That's good.

25 MR. BROUSSEAU: You wouldn't be here today if

1 you did.

2 MR. TROTSKY: So I generally leave hiring
3 decisions up to the managers, but I do like to see
4 the finalists. And generally three to five.

5 Anything else?

6 I think that completes my opening
7 comments. Thank you for your patience. I know
8 many of you have heard it a few times already or a
9 version of it.

10 TREASURER GOLDBERG: Actually helps stick
11 when you hear it a few times. So it's not a bad
12 thing.

13 MR. BROUSSEAU: Again, for some people who
14 think "What is the board doing?" most of us have
15 been to the Investment Committee meetings, Real
16 Estate, Admin and Audit. So we've gone through
17 all of these things two and three times. So the
18 questions have been answered in the committees
19 really.

20 TREASURER GOLDBERG: Plus quite a number of
21 the committee members have attended other
22 committees.

23 In that context, I think what's really
24 great is that everyone is trying to educate
25 themselves on the entire portfolio and

1 particularly as we look toward sort of uncertain
2 times.

3 And so I mentioned that I'm just back
4 from DC. And quite a number -- including a
5 meeting yesterday in the White House executive
6 offices with one of the deputy chiefs of staff
7 with the state treasurers throughout the country.

8 And so of course a lot of the questions
9 were around economic policy, in particular tax
10 reform, infrastructure investment and the impact
11 of tax reform potentially on bonds and municipal
12 bonds. And although there were no conclusions to
13 the conversations and we also had quite a number
14 of speakers who are legislative experts, it's very
15 clear that there are four primary areas that the
16 incoming administration is focused on.

17 There is a priority for a domestic
18 agenda, meaning tax reform, on the part of the
19 Speaker of the House and the head of the Senate,
20 Mitch McConnell and Paul Ryan. They're more
21 focused on tax reform, whereas the administration
22 has a lot of focus on immigration and some other
23 issues.

24 But what I did learn, which was in a way
25 frightening, was that there is something called

1 the budget reconciliation process, where they can
2 tag some of these things onto budget
3 reconciliation, which requires less votes in the
4 Senate than if it is an individual bill, and that
5 tax reform may be tacked onto budget
6 reconciliation.

7 So for those who have been following the
8 votes for Cabinet posts and the like, you've seen
9 that it's coming down to one vote because you only
10 need 51 senators. Well, typically the spending
11 bills and the like require 60. But if they tack
12 it onto budget reconciliation, it's the same as a
13 Cabinet post.

14 So some of the things that could affect
15 us are in tax reform because they affect all sorts
16 of things that will impact the markets. And so I
17 think that's something to really watch.

18 That was what we advocated for
19 extremely -- I'm now on the treasurers tax
20 committee. And we have two superb leaders of it,
21 who have been through this kind of thing before,
22 since 1986. And there are unintended consequences
23 that negatively impact businesses, business growth
24 and the economy.

25 So we're trying to keep open lines of

1 communication because this is all fiscal stuff.
2 So it's not partisan. And so that's one of the
3 things that we're really pushing.

4 Why are you laughing? It's not
5 partisan.

6 MR. BROUSSEAU: Well --

7 TREASURER GOLDBERG: Municipal bonds is not a
8 partisan issue. We consider it as treasurers as
9 an outstanding infrastructure funding --

10 MR. BROUSSEAU: And I agree with you.

11 TREASURER GOLDBERG: -- device that should
12 not be -- the tax-exempt status should not be
13 meddled with.

14 But there are a lot of very, very
15 conservative Republicans who don't think that way
16 because they think the overall tax rate coming
17 down will benefit private investment in
18 infrastructure. It is something they're looking
19 at.

20 So we've got a very complicated arena.
21 And I think, given that, what I saw last week,
22 both in our Investment Committee and the other
23 committees, the strategies of how we will ride out
24 the uncertainty -- and that was the big word of
25 all these meetings was "uncertainty" -- I think is

1 a solid one and one that we should continue on.

2 MS. FITCH: Do you believe -- and this is
3 going to sound negative, but I don't mean it as
4 negative as it sounds.

5 Do you believe that you have the
6 information that you can trust to make decisions
7 and to be an advocate or not an advocate?

8 TREASURER GOLDBERG: One of the treasurers
9 was the cochair of the Trump committee. He was
10 the first elected official to endorse Donald
11 Trump. He was there with us, one of the --

12 MS. FITCH: This is the pre-election
13 committee?

14 TREASURER GOLDBERG: Yes.

15 MS. FITCH: Post election committee?

16 TREASURER GOLDBERG: Yes. Pre.

17 And the individuals we all met with were
18 originally campaign people for Trump.

19 Did I trust what I heard? Well, if I
20 step back, because I'm still trying to absorb
21 everything I heard, I don't know that Congress and
22 the President have all sorted out which way
23 they're going on what.

24 I think that the topics, they've
25 absolutely got on the table. Tax reform is on the

1 table. It's absolutely on the table. Whose plan
2 ultimately prevails is the question, and what that
3 will look like at the end is the question.

4 What I wasn't aware of is how fast it
5 can move because of this budget reconciliation
6 process.

7 Tariffs and looking like what we would
8 call VAT taxes are on the table, and they have a
9 different name for them. And that is not
10 necessarily seen as a positive for large equity
11 stocks. So that is something we should watch.

12 And so yes. I think the things that I
13 heard are trustworthy to the degree that they're
14 true today.

15 MS. FITCH: Right, right.

16 TREASURER GOLDBERG: But I think that it's
17 still a very volatile environment.

18 And what I also found, as you walked
19 through the -- I'm comparing it to two years ago.
20 There are a lot of empty offices, and people
21 aren't even really sure what floor they're walking
22 toward. So I think that there's -- I mean, we're
23 talking three weeks here. So I think that's --

24 What I did hear is that the deputy chief
25 of staff for intergovernmental relations was

1 speaking to a majority because the majority of the
2 treasurers are Republicans, was saying, "We need
3 to hear from you. We need to know what we're
4 doing and how it impacts your jobs at the state
5 level."

6 I did hear a lot about states' rights.

7 So it's an interesting balance on how
8 they're viewing everything, but I don't think any
9 of it is written in stone. I think that's the way
10 you have to look at it.

11 There was no discussion of interest
12 rates or the Fed, what the Fed is doing, but Janet
13 Yellen's term continues for several years. So
14 they can't really control that.

15 So those are the kind of things I picked
16 up. I actually was quite quiet and just listened.

17 MR. BROUSSEAU: Did you leave upbeat or very
18 concerned?

19 TREASURER GOLDBERG: I left puzzled.

20 MR. NAUGHTON: Did you have a sense that
21 there was agreement among the people who
22 represented the administration? Aside from maybe
23 agreement with Congress.

24 TREASURER GOLDBERG: Given that also you're
25 hearing that there are still leadership power

1 struggles right in the West Wing and the Oval
2 Office, it's hard to know how empowered each group
3 is right now.

4 MR. NAUGHTON: Yes.

5 TREASURER GOLDBERG: And so as this deputy
6 chief of staff -- he was highly confident. He was
7 extremely open. He even said that "We want to be
8 bipartisan, so we want to hear from you Democratic
9 treasurers -- how what we're doing impacts every
10 state," and shared business cards.

11 But we have to see how it all goes.

12 I sat there listening. Literally did
13 not say a word.

14 MS. FITCH: Can I ask a quick follow-up as to
15 how you get information as the Commonwealth's
16 Treasurer?

17 TREASURER GOLDBERG: All right. So there's
18 two ways. The National Association of State
19 Treasurers works with a firm that is our
20 legislative lobby. And it's called Williams &
21 Jensen. And they are experts on the Hill, and
22 they work directly both with -- they are the ones
23 who arranged the meeting with the deputy chief of
24 staff.

25 And they meet with both sides of the

1 aisle, and their job is to represent treasurers'
2 issues with whatever administration is in place
3 and follow where the bills are moving in terms of
4 the issues that impact local states where we all
5 agree on the same issues.

6 I mean one of the issues that we brought
7 up yesterday with the deputy was around college
8 savings plans. So we have a lot of listed issues
9 that impact treasurers that aren't pension-
10 related, but a lot of them are. And a lot of them
11 impact the economy.

12 And tax reform does impact us directly
13 and indirectly. And so that is a commonality, and
14 that's why we have this *ad hoc* committee of
15 about -- I would say there were about a half dozen
16 treasurers, of which I'm one, but with two who are
17 real tax experts, the Treasurer of Tennessee,
18 David Lillard, and the Controller of Minnesota,
19 Controller Frans.

20 So we're meeting, and we're going to be
21 having conference calls. We'll also be in touch
22 with NAST and Williams & Jensen and trying to
23 follow this and stay on top of it.

24 MS. FITCH: Thanks.

25 TREASURER GOLDBERG: You're welcome.

1 Very complicated. Different times we're
2 in. So thank you for letting me share that. I
3 think it's actually relevant to our work.

4 MR. TROTSKY: It's actually a great segue
5 into the next item on the agenda.

6 TREASURER GOLDBERG: Yes. Which is --

7 MR. TROTSKY: Asset allocation. What do we
8 do in this environment?

9 TREASURER GOLDBERG: We stay the course in
10 many ways, and we adjust to the environment.

11 MR. BROUSSEAU: Never overreact. Stay the
12 course.

13 TREASURER GOLDBERG: So next up --

14 MR. TROTSKY: So next on the agenda is a
15 voting item. It is our asset allocation
16 recommendation.

17 And this work began several months ago.
18 It involved all asset class heads. Dave Gurtz, of
19 course, most of the investment staff, our
20 consultant, NEPC, and several board and committee
21 members.

22 Additionally, many of you have had
23 briefings or several briefings on our asset
24 allocation work throughout the year. There were
25 over a dozen separate meetings to arrive at the

1 changes that I will present to you today.

2 The changes were discussed vigorously
3 and approved unanimously at the Investment
4 Committee and the Real Estate Committee.
5 Importantly, six of the nine board members here
6 today were present at those more detailed
7 discussions.

8 So I will provide you with an overview,
9 but asset class heads will be able to step in and
10 answer any particular, specific questions you have
11 when the time comes.

12 The asset allocation discussion is
13 located at Appendix G and H. And please turn to
14 Appendix H, page 1. I'll give you a second to get
15 there.

16 First, let me briefly recap our return
17 parameters along with a brief market backdrop used
18 to arrive at our asset allocation recommendations.

19 Number 1, we are guided by the
20 7.5 percent required rate of return. And
21 therefore, the portfolio requires a heavy equity
22 and growth focus. This means global equities,
23 private equity, real estate and value-added fixed
24 income play a very important role in the portfolio
25 and drive return.

1 Most other asset classes serve to dampen
2 the inherent volatility of those equity-centric
3 and volatile asset classes.

4 Number 2, the economic cycle is nearly
5 nine years old, and there are many uncertainties
6 ahead, as we've just discussed.

7 Number 3, equity valuations are
8 relatively expensive compared to history. Now
9 there's a great deal of debate over how expensive
10 they are. Some may argue that they are just
11 fairly valued relative to the low interest rate
12 environment we find ourselves in, but I think
13 everyone can at least agree that equities, at
14 least, are not cheap.

15 TREASURER GOLDBERG: You actually sent that
16 great article on Seth Klarman's comments. And
17 Seth thinks they're way overvalued.

18 MR. BROUSSEAU: 30 percent of his money is in
19 cash.

20 TREASURER GOLDBERG: He's a cranky guy,
21 though.

22 MR. TROTSKY: Number 4, inflation, while
23 still relatively subdued, is increasing. We
24 talked about wage growth, for example, is finally
25 ticking up.

1 Number 5, interest rates are still near
2 historic lows, but we have spoken in great detail
3 in the past about this bond headwind. We question
4 the correlation benefits of our long rates, of our
5 STRIPS portfolio, to equities going forward,
6 whether they'll be a good insurance policy against
7 a turbulent equity market.

8 Number 6, private equity valuations are
9 high, admittedly, and there's a lot of capital
10 chasing private equity currently. But the return
11 premium to public equities has been positive
12 historically in all environments, and we still
13 have conviction in private equity.

14 7, Real Estate: Valuations are somewhat
15 elevated, but the market is still very healthy,
16 and we are finding some unique opportunities such
17 as the land deal in California.

18 Number 8, hedge funds and portfolio
19 completion strategies. These two groups really
20 continue to emphasize strategies uncorrelated to
21 equities. We use hedge funds differently than
22 many plans across the country, and I'll get into
23 some details on that. But again, we continue to
24 emphasize strategies uncorrelated to equities in
25 both hedge funds and portfolio completion

1 strategies.

2 Now let's get into some specific themes
3 of the changes. And I will first identify the key
4 themes and provide you a summary of the
5 recommendations that were approved at committee.

6 So on page 1, you can see that there are
7 five key themes of our asset allocation
8 recommendations: Number 1, maintain equity
9 exposure, but consider alternative equity hedging
10 strategies that I alluded to. We have been using
11 STRIPS. We're going to cut back on STRIPS.

12 Theme number 2, reposition core fixed
13 income to reflect inflation risk.

14 Theme 3, restructure our value-added
15 fixed income allocation and introduce a new asset
16 class called Other Credit Opportunities.

17 4, I mentioned this already. We have
18 conviction in private equity, so we will be
19 raising our private equity target.

20 5, Combine hedge funds and portfolio
21 completion strategies into a single allocation.
22 As I mentioned, each has the same mission: to
23 focus on strategies uncorrelated to equities.

24 Now, please let me describe the elements
25 of the changes we're recommending on this page.

1 And at the end, once I go through this, I'll be
2 happy to invite the asset class heads to answer
3 any particular questions, but these were well-
4 discussed in the committees, and we think they
5 make a lot of sense.

6 Number 1, in public equity, we are
7 recommending maintaining the 40 percent global
8 equity target. As I mentioned, this target is
9 necessary in order to achieve the 7.5 percent
10 target return.

11 Number 2, in core fixed income, we're
12 recommending reducing U.S. long-duration Treasury
13 STRIPS from our current allocation of 5 percent to
14 a new allocation of 2 percent. We're concerned
15 that the negative correlation benefits between
16 equities and Treasuries may not continue in the
17 future. That's why we are reducing it.

18 Number 4, we're recommending an increase
19 in U.S. TIPS Treasury protected bonds by
20 2 percent. U.S. TIPS provide inflation protection
21 as well as a floor, should deflation start to
22 occur.

23 And value-added fixed income, point
24 number 5, we're maintaining a 10 percent
25 allocation to value-added fixed income, which

1 provides good diversifying exposures to high
2 inflation and rising growth environments, such as
3 we're entering.

4 We're going to introduce, as I
5 mentioned, a 2 percent allocation to other credit
6 opportunities. This is unique. This provides
7 staff the ability, similar to portfolio completion
8 strategies, to source and invest in strategies
9 that don't really fit neatly into any other
10 bucket. We're currently tracking 30 opportunities
11 here. Direct lending, private debt, structured
12 credit and real estate debt are just a few
13 examples of other credit opportunities.

14 And private equity, I mentioned, we're
15 increasing the target from 10 to 11 percent. We
16 continue to believe that private equity offers a
17 premium to public equities, a premium, even though
18 it's more of an illiquid asset class. I mentioned
19 before that we don't have tremendous liquidity
20 needs, and we can take advantage of that
21 illiquidity premia private equity.

22 And real estate and timberland remaining
23 the same at 10 percent and 4 percent allocation,
24 respectively.

25 Last, in hedge funds, we're merging

1 hedge funds into PCS -- portfolio completion
2 strategies. That's creating a 13 percent target
3 allocation, 9 percent hedge funds plus 4 percent
4 PCS.

5 We will be breaking out performance, and
6 you will have the same transparency that you
7 enjoyed in the past. We just are grouping it into
8 one bucket that's more consistent.

9 We believe that hedge funds are not
10 really an asset class here at PRIM. They're not
11 an asset class. Rather, they are an investment
12 strategy that trade in a wide variety of
13 instruments, credit instruments, equity
14 instruments, et cetera.

15 PRIM's hedge fund objectives, as I said,
16 are very similar to PCS anyway. They're meant to
17 identify non-correlated assets to equities.

18 Last, the PCS team is looking at other
19 equity hedging strategies as part of PCS to
20 replace STRIPS. And we discussed this a little
21 bit in the Investment Committee, but we're well
22 along in pursuing a portfolio overlay strategy
23 using options and derivatives. A put spread
24 collar is high on our list of things to
25 investigate and come back to the committees with.

1 So that's a highlight of the changes
2 that were discussed in much more detail. They're
3 not huge changes, but they are incremental. And
4 of course, we're trying to build a portfolio that
5 will perform well in all environments, including
6 the very uncertain environment that we're facing
7 now.

8 So I'll take any other questions, or
9 else we can move to take a vote to approve.

10 MS. MCGOLDRICK: I just wanted to add a
11 comment that in light of what the Treasurer is
12 reporting and all the research and work that
13 you're doing in these uncertain times, I think
14 we're well-positioned, and that's how we have to
15 do it is plan for whatever's coming, to stay the
16 course.

17 Thank you.

18 MR. TROTSKY: You're welcome.

19 MS. MCGOLDRICK: One thing is we feel less
20 uncertain with you at the helm. I appreciate all
21 the work everyone here does.

22 MR. TROTSKY: Thank you.

23 TREASURER GOLDBERG: I think everyone who --

24 Dennis, I'm not sure you got a chance to
25 hear Connie.

1 MR. NAUGHTON: I didn't. No. Actually, I
2 had to take Claire for her eye appointment that
3 day.

4 TREASURER GOLDBERG: Right.

5 I think we're really fortunate on top of
6 all the work that everyone is doing here to have a
7 truly outstanding economist who works with us.

8 MR. NAUGHTON: Bob and I did speak about it.
9 He was here.

10 TREASURER GOLDBERG: Very good.

11 She really seems to grasp the gestalt of
12 this uncertain environment. And since I've been
13 here and been listening to her, she is always
14 right on. And so I feel that we have very good
15 advice in terms of her seeing opportunities that
16 may be short term and then also preparing for the
17 uncertainty that can impact the long term.

18 And so last week's meetings were long,
19 thorough and critical and inform today's meeting
20 very much so.

21 MR. TROTSKY: It's a good point. Connie and
22 the Investment Committee, for those of you who
23 weren't here, really stress that the vulnerability
24 of the current economy is not yet over and that
25 you can't take an economic growth rate for

1 granted, as the main point.

2 She did say that expectations are
3 soaring. You can see that in market activity.
4 It's almost euphoria. And things are getting more
5 expensive, despite earnings coming in quite
6 strong.

7 And then the second point that was
8 discussed, which is very interesting to us, is
9 that it may finally be possible, in Connie's
10 opinion, for international markets to outperform.
11 And since she said that, of course we saw that the
12 Eurozone GDP came in even above ours.

13 And I gave you some figures as to
14 international and emerging markets equity
15 performance. It's been very strong in the last
16 year. And that serves us well because we've
17 maintained our high international equity exposure,
18 both in developed international markets and in
19 emerging markets.

20 So a couple of tidbits from what we were
21 discussing in that part of it.

22 MR. BROUSSEAU: Wage growth has not been --
23 she mentioned has not been growing.

24 MR. TROTSKY: Wage has been picking up.

25 MR. BROUSSEAU: But it's not what it should

1 be.

2 MR. TROTSKY: Right.

3 MR. NAUGHTON: Well, it's going to take a hit
4 if the VAT thing comes into being. Or if tariffs
5 go on.

6 TREASURER GOLDBERG: Well, those sort of hang
7 together.

8 MR. NAUGHTON: Yes.

9 TREASURER GOLDBERG: And they do impact the
10 way goods move. And that will impact American
11 companies. And also them importing parts for
12 their own manufacturing. I mean, it's such a
13 complicated arena.

14 And that is the one thing that concerned
15 me a little, speaking back to what -- is the sort
16 of not understanding the importance of global
17 markets. That's a real issue and its connection
18 to sustainable growth in our country. I think
19 that has to --

20 But I do think a lot of people in
21 Congress do understand that, so we'll be
22 monitoring -- I mean anything I hear, I will
23 share, including giving --

24 Michael and I meet and speak all the
25 time. We can always send out emails.

1 MR. BROUSSEAU: In the morning, there was a
2 segment this morning on TV about the number of
3 companies that have come out in opposition to
4 these probable taxes, what it's going to do to
5 their businesses and their companies.

6 I think Amazon was one of them. I
7 think --

8 MR. TROTSKY: Major retailers.

9 MR. BROUSSEAU: Amazon, major retailers.
10 They are absolutely opposed to this kind of --

11 TREASURER GOLDBERG: There is one other thing
12 that came out of the meetings. There's this
13 commitment to infrastructure, but at the same
14 time, there's a commitment to building the wall.
15 And there's a lot of spending on the table and a
16 lot of tax cuts. So how all that plays out is
17 another question too.

18 MS. MCGOLDRICK: Madam Treasurer, did they
19 announce the CPI yesterday, the FY '18? I thought
20 that I saw that on the Bureau of Labor Statistics.
21 They were announcing the projections for --

22 MR. TROTSKY: I don't think so.

23 TREASURER GOLDBERG: I didn't hear about
24 that.

25 MS. MCGOLDRICK: It was supposed to be on the

1 13th.

2 MR. TROTSKY: We can check into that.

3 Does anyone on staff know?

4 MS. MCGOLDRICK: That and wage growth.

5 TREASURER GOLDBERG: This actually is a
6 voting item.

7 MR. TROTSKY: We'll get back to you on that.

8 MS. MCGOLDRICK: Okay. Thanks.

9 TREASURER GOLDBERG: And so I would seek a
10 motion for the approval of the 2017 asset
11 allocations, that the PRIM Board approve the
12 Investment Committee's recommendation to adopt the
13 2017 asset allocation recommendations as described
14 in Appendix F of the expanded agenda, and further
15 to authorize the executive director to take all
16 actions necessary to effectuate this vote.

17 Is there a motion?

18 MR. BROUSSEAU: So moved.

19 TREASURER GOLDBERG: Second?

20 MR. SHANLEY: Second.

21 TREASURER GOLDBERG: All those in favor?

22 BOARD MEMBERS: Aye.

23 (VOTED: To approve the Investment
24 Committee's recommendation to adopt the
25 2017 asset allocation recommendations as
described in Appendix F of the expanded
agenda, and further to authorize the
~~executive director to take all actions~~

1 **necessary to effectuate this vote.)**

2 MR. TROTSKY: Thank you.

3 TREASURER GOLDBERG: So next.

4 MR. TROTSKY: Chuck.

5 TREASURER GOLDBERG: Chuck is going to talk
6 about the garden.

7 MR. LaPOSTA: I was planning on skipping the
8 garden, but I can allude to it if you would like.

9 TREASURER GOLDBERG: No. You don't have to.

10 MR. LaPOSTA: Good afternoon, everybody.
11 Thank you all for coming in.

12 Turning back to Appendix D, I will speak
13 to public market performance. And we've talked
14 about markets quite extensively already so I will
15 give you the highlights within our public markets.

16 And turning to page 7 of Appendix D, you
17 can look at the equity portfolio, which is
18 43 percent of our total assets at the moment.

19 TREASURER GOLDBERG: He skipped the garden
20 and the quilt.

21 MR. LaPOSTA: Skipping over the quilt and the
22 garden, going right into the performance.

23 And as you've seen and as we've said,
24 public market equities have performed quite well
25 with three of our four subasset classes returning

1 more than double-digit returns over the trailing
2 12 months, which is great to see.

3 It's been very kind of euphoric
4 postelection. A lot of these returns have
5 occurred in the fourth quarter as well, where
6 small cap equities were up 7 percent in the
7 quarter. Large cap U.S. equities were up
8 4 percent in the quarter, while international
9 markets were down in the fourth quarter as a
10 result of dollar strength and foreign currency
11 weakness.

12 But speaking to the small cap equities,
13 which returned 16.8 percent and underperformed
14 their benchmark by 260 basis points, this is the
15 result of a couple of factors.

16 Two of our managers underperformed their
17 respective benchmarks by more than 10 percent
18 each. And one was due to security selection.
19 They lost about half of their relative return on
20 one particular marine tanker company that
21 underperformed significantly.

22 The other manager, which is a growth
23 manager, but value stocks even within the growth
24 universe performed better. In fact, value across
25 all equity classes has outperformed growth over

1 the last quarter and last 12 months.

2 So even within the growth universe,
3 stocks with value characteristics performed
4 better, and our manager was underweight that. So
5 that's where the underperformance came from in our
6 small cap portfolios.

7 Emerging market equity performance still
8 continues to do quite well, outperforming its
9 benchmark by 2.1 percent. This has been fairly
10 consistent. They've been making some very good
11 decisions in that asset class and as a result of
12 our recent repositioning of that portfolio, so
13 we're happy to see that return there.

14 And then the last asset class,
15 international equities, total returns are
16 underwhelming relative to others, but positive.
17 So that is a good thing to see. And our managers
18 are generally tracking the benchmark in that asset
19 class.

20 And then I will turn to page 8 and talk
21 about fixed income for the last 12 months. And
22 here, we've seen similar themes. So I often think
23 of small cap equities and high yield as being kind
24 of corollaries to one another in stock and bond
25 space. And high yield assets performed quite well

1 in the last 12 months.

2 So the second chart from the right, high
3 yield, the benchmark returned 17.5 percent. Our
4 managers lagged significantly by 3.8 percent with
5 a total return of 13.7 percent.

6 But within that high yield return, the
7 riskiest part of high yield has had the most
8 outsized returns. CCC-rated credits, which are
9 the lowest kind of going-concern credit quality
10 assets in high yield space, returned 37 percent
11 for 2016.

12 And the energy sector, which is another
13 subcomponent of the high yield world that had been
14 beaten up, had returned 38 percent for 2016. So
15 these two segments of the market returns higher
16 for the universe, and our managers trailed because
17 they were underweight those sectors.

18 And if you think back a year ago almost
19 to the day actually is when the market kind of
20 turned, but a year ago from now, things were
21 looking a little bit different. There was a lot
22 more stress in the market, being conservatively
23 positioned, in high yield was actually beneficial,
24 but then the market recovered quickly and has
25 continued along that path to this date.

1 Other asset classes we've spoke about,
2 we talked about the STRIPS portfolio certainly has
3 come under pressure as rates have backed up and
4 inflation concerns have manifested themselves more
5 in the marketplace.

6 So STRIPS returns total for the year of
7 1.5 percent; still positive, even with the
8 negative 16.7 percent return in the fourth
9 quarter. They were still able to generate a
10 positive return for the year. That's encouraging
11 to see. It shows that even though as rates move,
12 the asset class will react. But you do get a
13 cushion from the yield. And over the long run,
14 they kind of ebb and flow over time and still can
15 give you a positive return.

16 So those are the highlights for public
17 market returns. Happy to take any questions, if
18 you have any.

19 Seeing none, I'll turn it over to my
20 colleague, Dr. Clapp, to talk about a new asset
21 class within equities.

22 DR. CLAPP: Today I'll be talking about the
23 active developed small cap equity recommendation.
24 And this is a voting item.

25 It's in Appendix I. And I'm going to

1 start on page 6. This is a little bit into
2 Appendix I. Page 6 looks like this. It's after
3 the evaluation committee meeting memo.

4 So let me start with the punchline. On
5 page 6, you can see the recommendation. We are
6 recommending funding five managers for active
7 developed international small cap for a total of
8 \$900 million, 9 percent of the total international
9 equity allocation or 1.5 percent of the PRIT Fund.

10 These managers are Acadian, which is a
11 quant manager with a value tilt; TimesSquare,
12 which is a fundamental growth manager; AQR, which
13 is a quant manager with a value tilt; and LMCG and
14 SGA, both of which combined quant and fundamental
15 techniques.

16 The larger pie chart in the bottom left
17 shows that this allocation would represent
18 9 percent of the total developed international
19 allocation.

20 The smaller blue pie chart on the bottom
21 right shows the allocation of the 900 million
22 split up between the five managers. So
23 300 million would be allocated to Acadian,
24 250 million would be allocated to TimesSquare,
25 150 million to AQR and 100 million each to both

1 LMCg and SGA.

2 And on page 7, you will see the public
3 markets investment process funnel chart. Now,
4 this is a very dense slide that is intended in the
5 role of a table of contents or for reference
6 purposes.

7 On the right, you can see the investment
8 process for the international small cap equity
9 recommendation. The top level of the funnel chart
10 is the investment thesis. The next level is
11 quantitative and qualitative analysis. The third
12 level is due diligence. The fourth level,
13 portfolio construction, and the fifth and final
14 level is the Investment Committee and board
15 proposal and then funding.

16 I'm going to be going through each level
17 in this funnel chart during this presentation.

18 The investment thesis for the
19 international small cap equity allocation is
20 described on page 8. And here you can see the
21 funnel chart on the top right and that we are on
22 the top level of the funnel here on page 8.

23 Now, we did a lengthy presentation on
24 this in June, and there is a slide in Appendix B
25 of this packet, which is on page 26, of the PRIM

1 public market active management philosophy.

2 EAFE small cap has had about a 4 percent
3 historical return premium over the EAFE standard
4 since the inception of the EAFE small cap index in
5 1998. This has come from higher growth rates for
6 EAFE small cap companies, rather than multiple
7 expansions. Actually, the PE ratio for EAFE small
8 cap is quite similar to EAFE.

9 In addition, international small cap is
10 an inefficient asset class, where active
11 management can add significant excess return. The
12 five-year median excess return is 1.4 percent net
13 of fees with a median fee of 82 basis points. So
14 2.2 percent gross excess return roughly for the
15 median manager.

16 The role of this allocation within the
17 fund is primarily as an alpha or return generator,
18 as we already have exposure to this asset class
19 within SSGA.

20 Page 9 shows what we are looking for in
21 high conviction managers. We are looking for
22 expert, insightful, knowledgeable managers, whether
23 they are quantitative or fundamental. Stability,
24 credibility and a proven track record, which
25 includes downside protection, are important.

1 Page 10 briefly describes our
2 proprietary quantitative manager model. This is
3 useful as a screen, and it's an important part of
4 our process, but we do not follow it blindly. The
5 qualitative portion of our analysis is also very
6 important. In the quant model, we look for
7 activeness, consistent risk-adjusted performance
8 and results in down markets.

9 Now, page 11 shows what we are looking
10 for during our qualitative analysis. Many of
11 these items focus on the present state of the
12 manager and product, whereas the quantitative
13 analysis looks largely at the manager's past
14 record.

15 Qualitatively, we want to see a stable
16 organization and team with a commitment to a
17 consistent process, even when the process is out
18 of favor.

19 We want to avoid asset gatherers or
20 firms that will accept too much money such that
21 performance will be impaired. This is a moral or
22 fiduciary hazard, and we want to make sure we are
23 hiring managers that will protect their existing
24 clients by closing products when they reach a
25 reasonable capacity limit. This is particularly

1 important in less liquid asset classes like
2 international small cap, like this asset class.

3 Page 12 is a summary of our search. We
4 received 45 responses to the RFP. Our process,
5 which includes our quantitative and qualitative
6 analyses, as well as an independent analysis of
7 the respondents by Callan, produced
8 10 semifinalists.

9 The evaluation committee interviewed the
10 semifinalists on October 18 and 19 here at PRIM,
11 and eight finalists were selected.

12 And I'd particularly like to thank Jim
13 Hearty for participating in the process and for
14 his insightful comments and helpful observations.

15 After the meeting here at PRIM, we
16 conducted due diligence visits to the eight
17 finalist firms. Of the eight, five were selected
18 for the proposed portfolio. The evaluation
19 committee recommendation memo, which is at the
20 beginning of this appendix, Appendix I, provides
21 further details on the international small cap
22 manager search.

23 Now, the next two pages illustrate our
24 portfolio construction process. Page 13 is the
25 returns-based analysis for the recommended

1 international small cap portfolio. And page 14
2 shows the holdings-based analysis.

3 On page 13, in the blue table on the
4 right are the overall characteristics of the
5 proposed international small cap portfolio. We
6 expect the recommended portfolio to have an
7 information ratio of about one with a tracking
8 error of 2 to 4 percent and an excess return gross
9 of fees of 2 to 4 percent.

10 We have persistently negotiated PRIM's
11 effective fee down to 53 basis points, which is
12 quite reasonable compared to the 82-basis-point
13 median for the international small cap asset class
14 and constitutes a savings of about one and a
15 quarter million dollars per year to the PRIT Fund.

16 MR. BROUSSEAU: Is that for all five of them?

17 DR. CLAPP: That's for all five in a weighted
18 average.

19 Key takeaways for this chart are in
20 orange in the top left. The portfolio has had
21 good excess return, has better risk-adjusted
22 returns than the MSCI EAFE small cap benchmark,
23 and has favorable up and down market capture.

24 For reference, the proposed portfolio is
25 in green in the bottom left. Above is the excess

1 return correlation matrix for the five managers,
2 which looks good as these cross-correlations are
3 fairly low.

4 On page 14 is the holdings-based
5 analysis of the proposed portfolio, for which we
6 utilize our BarraOne risk system.

7 Now, the first box, box 1, shows the
8 total risk, the active risk and the beta. Box 2
9 breaks down where the active risk is coming from.
10 In box 3, we have worked together with a risk team
11 on scenario analysis.

12 So back to box 1, the total risk or
13 absolute volatility of the proposed portfolio is
14 predicted to be similar to the MSCI EAFE small cap
15 benchmark with a beta below one.

16 In box 2, the primary contributors to
17 active risk are manager stock selection and
18 manager style, which is what we would expect.

19 Now, we have high conviction that this
20 portfolio with a down capture of roughly
21 90 percent will outperform in down markets, but in
22 box 3, we feel that it's important to illustrate
23 that we have used the BarraOne scenario analysis
24 capability to confirm these results.

25 So page 15 is a qualitative assessment

1 of the risk to this and most active equity
2 portfolios. You're all familiar with these risks.
3 So I'd like to focus on two manager risks: team
4 turnover and capacity management.

5 And here, we feel that we have been very
6 diligent and done a good job at making these risks
7 as small as possible. We've put a great deal of
8 effort into minimizing the risk of team turnover.
9 And we have been quite frank with firms about the
10 importance of closing strategies when a reasonable
11 capacity limit is reached.

12 So I feel we've done a good job at
13 really keeping these manager-specific risks to a
14 minimum.

15 Page 16 is the summary of the proposed
16 investment portfolio. We are proposing
17 \$900 million to five active managers. Acadian is
18 a quantitative manager with a value tilt.
19 TimesSquare, the next largest allocation, is a
20 fundamental growth manager. AQR is a quantitative
21 manager, also with a value tilt, while LMCG and
22 SGA both combine quantitative and fundamental
23 techniques and are both core managers.

24 The active developed international small
25 cap portfolio would total 1.5 percent of the PRIT

1 Fund. This \$900 million would be sourced from the
2 SSGA World Ex-U.S. IMI Index account, which
3 already has exposure to this asset class.

4 So this allocation would change the
5 active index split within developed international
6 from roughly 50/50 currently to roughly 60/40
7 active indexed.

8 With this portfolio, we are looking for
9 250 basis points of gross excess return relative
10 to the index. We're looking for superior risk-
11 adjusted returns relative to the index, good up
12 and down market capture, and low correlation of
13 excess return between the managers.

14 We have created a balanced portfolio in
15 terms of investment approach and investment style.
16 We are not going to go through each firm in
17 detail, but there is additional information on
18 each manager in Appendix A and in the evaluation
19 committee memo.

20 In this universe with 2200 names in the
21 benchmark alone, quant makes sense. We use a
22 similar approach of combining quantitative and
23 fundamental managers in emerging markets small
24 cap, and it has been very successful.

25 So these are my prepared comments.

1 And lastly, I'd like to thank Andre
2 Abouhala for all of the excellent work you've done
3 on this project.

4 TREASURER GOLDBERG: "Mister" as opposed to
5 "Doctor."

6 DR. CLAPP: We have two Andres in public
7 markets.

8 I'd be happy to take any questions.

9 TREASURER GOLDBERG: Yes. Go ahead.

10 MS. FITCH: Just really big picture, what are
11 our exit strategies?

12 DR. CLAPP: For the different asset classes?

13 MS. FITCH: Yes. I guess it is. Or for
14 these asset managers as we keep up with their
15 work, review their work. What's our exit
16 strategy?

17 DR. CLAPP: So that's a very good question,
18 and that's one of the reasons that we have five
19 managers here is because if we have a problem with
20 one of them, we can exit that strategy, and we'll
21 still have four managers. I think we could even
22 have three in this asset class.

23 But right now, we feel very confident in
24 all five of them. But we will review them
25 quarterly or even more often than that.

1 We have had to exit a manager in one of
2 our other asset classes, but we had sufficient
3 number of managers within that asset class.

4 MR. TROTSKY: That's 30-day notice, right?

5 DR. CLAPP: Right.

6 MS. FITCH: Takes a while to get there.

7 MR. TROTSKY: And these are separate accounts
8 too.

9 DR. CLAPP: Right. These are all separately
10 managed accounts.

11 MR. TROTSKY: So that means there are assets
12 we can turn the manager off and --

13 MS. FITCH: And move it to another.

14 MR. TROTSKY: Or transition.

15 But no gates. That's the beauty of a
16 separate account.

17 DR. CLAPP: Right. We actually own the
18 assets at all times.

19 MS. FITCH: I think that's important to note.

20 MR. TROTSKY: You're right.

21 MS. FITCH: Thanks.

22 MR. SHANLEY: I agree.

23 MR. BROUSSEAU: Two fast questions. How long
24 it would take to put this \$900 million out there
25 to work?

1 DR. CLAPP: So we're targeting April 1
2 funding date, and we'll fund in two tranches. So
3 we'll do 450 million approximately the first
4 tranche and roughly the same the second tranche.

5 MR. BROUSSEAU: Second question is I didn't
6 see in the descriptions of the firms. Apparently
7 these have been very stable firms in terms of team
8 turnover.

9 DR. CLAPP: That's right. We've made a big
10 point of that during the search, and so we feel
11 very confident that these teams are intact and
12 incentivized to stay for a very long time. In
13 many cases, they're partners in the firm where
14 they reside.

15 MR. BROUSSEAU: Okay.

16 TREASURER GOLDBERG: Any other questions?

17 This is a voting item, and so I would
18 seek a motion for approval of the recommendation
19 for active developed international small cap
20 equity investment management services, that the
21 PRIM Board approve the Investment Committee's
22 recommendation to hire, subject to successful
23 contract negotiations, five firms (Acadian, AQR,
24 LMCG, Strategic Global Advisors or SGA, and
25 TimesSquare) for a combined \$900 million

1 allocation to active developed international small
2 cap equity in the following amounts as listed in
3 the chart below and as described in Appendices I
4 and J of the expanded agenda, and further to
5 authorize the executive director to take all
6 actions necessary to effectuate this vote.

7 Is there a motion?

8 MR. SHANLEY: So moved.

9 MR. BROUSSEAU: Second.

10 TREASURER GOLDBERG: All those in favor?

11 BOARD MEMBERS: Aye.

12 (VOTED: To approve the Investment
13 Committee's recommendation to hire,
14 subject to successful contract
15 negotiations, five firms (Acadian, AQR,
16 LMCG, Strategic Global Advisors and
17 TimesSquare) for a combined \$900 million
18 allocation to active developed
19 international small cap equity in the
20 following amounts as listed in the chart
21 below and as described in Appendices I
22 and J of the expanded agenda, and
23 further to authorize the executive
24 director to take all actions necessary
25 to effectuate this vote.)

20 TREASURER GOLDBERG: Thank you, Doctor.

21 DR. CLAPP: Thank you very much.

22 MR. NIERENBERG: Good afternoon, everyone.

23 I'm going to give you an update on hedge
24 funds, now part of portfolio completion
25 strategies.

1 2016 was actually quite a good bounce-
2 back year for hedge funds. In particular, credit
3 strategies came roaring back after having a very
4 tough time in the second half of 2015. We
5 produced strong returns from the credit funds
6 within our portfolio. We also had solid returns
7 from fixed income relative value and some of our
8 event-driven and systematic macro strategies.

9 In general, equity-based strategies
10 lagged, but we intentionally don't have a lot of
11 assets in those strategies in order to increase
12 diversification of the portfolio.

13 Performance results for the year were
14 impressive. Our direct hedge fund portfolio
15 returned 5.2 percent, which outpaced the benchmark
16 by a full 4.5 percent. That's a lot of alpha that
17 was generated.

18 The volatility stayed impressively low.
19 It was only 3 percent for the year. Our
20 risk-adjusted return ratio -- and you've heard me
21 mention this before, but one measure of that is
22 the Sharpe ratio. For the year, we had a Sharpe
23 ratio of 1.6, which is very, very strong.
24 Anything above 1 is excellent. So we're happy
25 about that. That compared to a 0.1 Sharpe ratio

1 for the benchmark, the HFRI Fund of Funds Index.

2 And actually, on that risk-adjusted
3 basis, hedge funds actually outperformed equities.
4 The S&P 500 Sharpe ratio was 1.1. It was 0.6 for
5 the Barclays Aggregate.

6 Again, once you adjust for the lower
7 volatility of hedge funds, that's really quite a
8 strong result.

9 Over the longer time period, the results
10 are almost identical. In the five years we've had
11 the direct hedge fund program, the returns have
12 been 5.7 percent with a volatility of less than
13 4 percent, yielding a Sharpe ratio above 1.5. And
14 that compares quite favorably again to equities
15 and fixed income.

16 Thus the short message is is that over
17 the time we've had hedge funds, in particular the
18 direct hedge fund program, it's met and really
19 exceeded the objectives that you the Board have
20 set out in the sense of being a diversifying asset
21 class, with very low volatility, and with returns
22 that are more than commensurate with the low risk
23 that's being taken on.

24 We have expectations that market
25 volatility will probably rise in the coming years,

1 though it hasn't happened yet. Volatility has
2 still been quite low, but we do believe that these
3 managers have shown a consistent ability to
4 produce returns in whatever volatility regime
5 we're in. If volatility goes up, we would expect
6 that the returns would increase as well.

7 In fact, I think the news is actually
8 even better because our managed account sleeve has
9 really shot the lights out in terms of
10 performance. For the year, the managed account
11 portion of our portfolio, which is getting close
12 to 50 percent of the total hedge fund portfolio,
13 exceeded 10 percent in returns. That's almost a
14 10 percent outperformance versus the benchmark.

15 The hedge fund replication also
16 contributed quite strongly to this result, and
17 we're going to be looking to expand that as well
18 over the course of 2017.

19 In total, that's a lot of alpha
20 generation. We think the portfolio is in a good
21 place. We've been redeploying capital as we
22 continue to expand the managed account program.

23 I'd be remiss if I didn't mention our
24 operations team, which is critical for making sure
25 that our managed account platform is well-managed

1 and that the cash is properly accounted for.
2 Thanks to Matt Liposky, Dave Gurtz and the rest of
3 the team.

4 And I also want to mention our risk
5 team, who help with performance reporting. We've
6 really built out that aspect in that we can take
7 in daily holdings and get a much better sense of
8 the enterprise risk of the entire hedge fund
9 portfolio.

10 In addition to good returns, we now have
11 much more granular detail on what's actually in
12 the portfolio, and that's a good thing to have.

13 Those are my comments on hedge funds.
14 I'm happy to take any other questions you might
15 have.

16 MR. BROUSSEAU: Just one question, Eric. I
17 know Dennis sees it and I do. We get a lot of
18 things across our reports and computers how
19 defined benefit pension plans, because of our
20 large unfunded liabilities, are taking risks that
21 are inordinate for what we should be doing,
22 especially in alternatives that are many times not
23 very liquid. And they specifically point out
24 hedge funds and say that right now, there is way
25 too much money chasing too few hedge funds. And

1 consequently, they talk about a depressed return
2 or problems down the road.

3 I'm asking for your -- this is what you
4 do. I'd like your educated best reaction to that
5 kind of criticism because I can't do it. I can
6 only go by the information that we get here.

7 MR. NIERENBERG: Sure. I think a lot of it
8 comes from a misunderstanding of what hedge funds
9 are about and in particular the way that we invest
10 in hedge funds.

11 One of the things that we have been
12 trying very hard to do is make our program
13 differentiated and find smaller managers that have
14 a niche in which they operate. This makes it more
15 likely that they can produce unique return streams
16 that are worth capturing.

17 The fees are a big part of that. We
18 have to negotiate the fees down because, as we've
19 talked about before, just blindly investing in
20 hedge funds at a 2 and 20 structure will not work
21 going forward.

22 And I think some of the criticism that
23 has come up about hedge funds can be justified.
24 When people say, "Well, if it's a 5 percent return
25 and it's a 2 and 20 fee structure, how does that

1 math work?" And it doesn't really work.

2 I think part of the problem, though, is
3 an expectational one, that people still associate
4 hedge funds with producing 20, 25, 30 percent
5 returns that they did maybe 15 years ago. But the
6 industry has changed. The volatility of hedge
7 funds is much, much lower than it was before.

8 So when people talk about the risk of
9 hedge funds, it's not an investment risk because,
10 as we've seen, hedge funds actually have lower
11 risk than any other asset class, including core
12 fixed income over the last several years.

13 I think when people are concerned about
14 higher risk with hedge funds, there is some sense
15 of an operational risk or reputational risk that
16 could be associated with investing in a commingled
17 fund.

18 We don't do that anymore because we have
19 our separate accounts. We control the assets.
20 And so I think we've mitigated all of these
21 different pieces of risk.

22 Now, like any investment, we have to be
23 skilled with the underwriting to make sure that
24 we're finding managers that can perform. But I
25 think we've gotten off to a great start and will

1 continue to deploy that capital wisely.

2 You have to look at both the return and
3 the risk when you're assessing hedge funds, or any
4 other investment, for that matter. A lot of the
5 criticism I've seen about hedge funds forgets
6 about the risk part and just addresses lower
7 returns, but you can't look at it in a vacuum.

8 And then if you actually delve into the
9 risk of the investment, there I think the story is
10 a lot more positive than people probably give it
11 credit for.

12 I'm not trying to be a hedge fund
13 defender here. As I've said before, probably
14 95 percent of the hedge funds out there probably
15 shouldn't exist and don't merit our investment --

16 MR. BROUSSEAU: I'm glad we have the other
17 5 percent.

18 MR. NIERENBERG: -- but we try to be in that
19 other group. And if you have the right
20 underwriting process, you can continue to find
21 good investments that are additive to the overall
22 pension fund.

23 MR. BROUSSEAU: Is there too much money
24 flowing into hedge fund asset classes?

25 MR. NIERENBERG: I don't think anything's

1 flowing in now.

2 MR. BROUSSEAU: Within the last few weeks, I
3 read something again.

4 MR. NIERENBERG: Yes. I mean, flows have
5 been mildly -- there have been mild outflows over
6 the last 12 to 18 months. I think within the
7 public pension community, it's probably been a bit
8 more negative. Money continues to come in from
9 some of the endowment and foundations. I think
10 it's stabilizing, now that hedge fund returns have
11 kind of stabilized as well.

12 A lot of it truthfully is return
13 chasing. So if something's having a bad year,
14 money flows out of it. Something is having a good
15 year, money flows back in.

16 We've seen a lot of stress in the
17 largest hedge funds, the ones that have
18 \$30 billion or \$40 billion in assets. Funds at
19 that size can -- I won't say in every case, but
20 can have more difficulty producing consistently
21 higher returns.

22 And again, it comes down to
23 underwriting. When I talk to peers, more and more
24 are starting to follow our approach of pursuing
25 managed accounts with smaller, more differentiated

1 managers.

2 Over time, you'll probably see more
3 assets flowing into the smaller manager space. We
4 want to continue pushing on that front with our
5 emerging manager RFP, which we'll be issuing in
6 the next couple months.

7 Flows will probably stabilize, but where
8 those flows are going is definitely changing.

9 MR. BROUSSEAU: Thank you.

10 MR. NIERENBERG: Sure.

11 TREASURER GOLDBERG: Any other questions?

12 There are no voting items today. This
13 was just to bring us up to date.

14 MR. NIERENBERG: Great. Thank you.

15 TREASURER GOLDBERG: I just want to
16 compliment Eric again. I think that we were way
17 ahead of the curve on our strategy of how we
18 approached portfolio completion strategies.

19 (Ms. Rose left the meeting.)

20 And I, two years ago, spoke up when
21 someone tried to suggest that -- they
22 misrepresented our, quote/unquote, "hedge fund
23 strategy." And so we've been sort of in our own
24 place with that for -- how many years now, Eric?

25 MR. NIERENBERG: We've been doing --

1 TREASURER GOLDBERG: Four?

2 MR. NIERENBERG: Yes. We've been investing
3 in managed accounts for over two years, and other
4 initiatives have been in place close to four years
5 now.

6 TREASURER GOLDBERG: Right. So way ahead.

7 Thank you.

8 MR. NIERENBERG: Thank you.

9 TREASURER GOLDBERG: Private equity. Mike
10 Bailey, and would you please do us the honor of
11 introducing your highly regarded cohort there.

12 MR. BAILEY: Absolutely. My highly regarded
13 colleague is Alyssa Fiore, who I think you all
14 have met. And Alyssa is going to present in a few
15 minutes our first new investment for 2017 in the
16 portfolio.

17 Let me start by thanking you for the
18 vote earlier today to approve the asset
19 allocation. And on behalf of the team and I will
20 work hard to get that extra 1 percent to work in
21 driving the portfolio forward.

22 Let me say a few words about the
23 performance of the portfolio before we turn to the
24 investment and the voting item on the agenda. As
25 Michael and Chuck pointed out earlier, the

1 portfolio performance advanced to about
2 13.8 percent for the one-year period, which is a
3 number we're pleased about.

4 Part of what we like about that number
5 is it's a strong absolute number. It goes to the
6 top of the quilt chart again, so we like to see
7 that.

8 I'd say we're less excited about how it
9 looks compared to public equities because our
10 alternative is obviously to invest in the stock
11 market, and stocks have been on a real tear,
12 especially in the United States, where the
13 portfolio is still about 100 basis points ahead of
14 its public equities benchmark for the one-year
15 period, but recall we're sort of measuring it to
16 300 or 3 percent outperformance. So when it's
17 only 1 percent outperforming, we're a little
18 behind in what is admittedly a very fast race here
19 as equities continue to reflate.

20 And I would expect that if equities keep
21 this pace, it will be difficult for a private
22 portfolio like this to keep up, given the way
23 private companies mature more slowly and just
24 don't have that type of market sensitivity to
25 upside like this in short periods of time.

1 But we'll take the 13.8. We're very
2 pleased about that.

3 I would say briefly on the markets,
4 similar to what we've talked about before, this is
5 sort of a market that's good for sellers and not
6 so good for buyers. So if you're out there trying
7 to buy a company, I think you're seeing
8 challenging conditions as prices grind higher,
9 similar to other markets in the developed world.

10 I think two new things we're hearing
11 concern about are regulatory changes. Treasurer
12 Goldberg alluded to some of those. Taxation is a
13 question mark for private firms as well as public
14 companies.

15 (Ms. Rose rejoined the meeting.)

16 And secondly, I think some of the
17 managers are starting to comment that although it
18 looks like growth will continue here, especially
19 in the United States where three quarters of the
20 portfolio is, so growth will continue, maybe
21 forestalling a slowdown in growth, but still
22 conceivable that within a private investment's
23 holding period of five to seven years, you may see
24 another recession.

25 So if you're planning to hold something

1 for five to seven years and you think that a
2 recession may occur, even though we've pushed off
3 recession maybe by another year or two, it's
4 conceivable that you're going to have to hold that
5 company through a downturn. And so caution if
6 you're a buyer.

7 On the selling side, sort of the flip
8 side of that, if you can sell your asset, very
9 good conditions. So as prices are inuring to your
10 benefit, and as Chuck alluded to, credit market
11 conditions, so buyers who are using financing to
12 finance the acquisition of businesses are
13 benefiting from that with high yield markets and
14 other credit markets at historically very good
15 conditions, that's continuing to fuel selling
16 activity. So that's the mixed bag.

17 On the details of the performance, sort
18 of similar to that, we saw the large cap buyouts,
19 the larger part of our portfolio, be the real
20 contributor in this last quarter. That helped us
21 move up to 13.8 percent.

22 And similar to what I've said before,
23 kind of right now in the shade is venture capital.
24 Less good conditions. Sun's not shining there.
25 And that's just sort of back to kind of a garden

1 chart. We expect that to perform over a long
2 period of time, but this doesn't happen to be one
3 of the periods when that 15 percent that we have
4 in venture capital is adding much value to the
5 portfolio.

6 And our allocation to privates drifted
7 down a bit over this last year to about
8 11.1 percent. We're setting our goal to be about
9 \$1.4 billion of new commitments this year to try
10 to glide slope towards that 11 percent target
11 allocation.

12 And we've got a good robust pipeline of
13 new investments this year that we think will help
14 us get to that 1.4 billion, but you never know.
15 We'll take those one step at a time and see where
16 we end up. We obviously don't feel any pressure
17 to invest the 1.4 billion.

18 So those are my prepared comments. I'm
19 glad to take any questions on the portfolio or the
20 performance. Otherwise, we can turn it over --

21 TREASURER GOLDBERG: Are there any questions
22 in general?

23 Then go ahead.

24 MR. BAILEY: So Alyssa will lead us through
25 the voting item.

1 MS. FIORE: So we're recommending a new
2 investment with a new manager for PRIM in Stone
3 Point Capital in Trident VII. The private equity
4 team and the Investment Committee is recommending
5 a commitment of up to 75 million. Our writeup is
6 on page 12 of the materials.

7 We are recommending an investment in
8 Stone Point Capital for the following reasons.
9 Stone Point is an experienced and tenured team in
10 the financial services space. They have a strong
11 and consistent track record. And they have a low
12 loss ratio, indicating that they have an ability
13 to manage downside risks.

14 Based on these reasons, we're
15 recommending a commitment of up to 75 million in
16 Trident VII.

17 So we're also recommending Stone Point
18 to be on our board-approved co-investment manager
19 bench for the following reasons. Stone Point has
20 a strong co-investment history and has also shown
21 willingness to partner with PRIM in our co-
22 investment program.

23 Happy to take any questions or comments
24 on --

25 TREASURER GOLDBERG: So these are two

1 separate votes, though. Trident is one vote;
2 Stone Point is the second vote. Right?

3 MR. BROUSSEAU: Yes.

4 TREASURER GOLDBERG: I saw some confusion
5 down at this end.

6 MR. BAILEY: Sorry. There's some naming
7 confusion here because Trident is the name of the
8 fund. Stone Point's the name of the firm that
9 manages the fund. So it's the same manager, but
10 different names.

11 TREASURER GOLDBERG: But it is two separate
12 votes.

13 MR. BROUSSEAU: It is two separate votes.

14 MS. FIORE: Correct.

15 TREASURER GOLDBERG: Right.

16 Are there any questions about that, now
17 that I've spelled it out?

18 Any questions about the investment?

19 We are going to vote for them
20 separately. So first, I would seek a motion for
21 the approval of a capital commitment of up to
22 \$75 million to Trident VII, L.P.; that the PRIM
23 Board approve the Investment Committee's
24 recommendation of a capital commitment of up to
25 \$75 million to Trident VII, L.P. and further to

1 authorize the executive director to take all
2 actions necessary to effectuate this vote.

3 Is there a motion?

4 MR. BROUSSEAU: So moved.

5 TREASURER GOLDBERG: Is there a second?

6 MR. NAUGHTON: Second.

7 TREASURER GOLDBERG: All those in favor?

8 BOARD MEMBERS: Aye.

9 **(VOTED: To approve the Investment**
10 **Committee's recommendation of a capital**
11 **commitment of up to \$75 million to**
12 **Trident VII, L.P. and further to**
13 **authorize the executive director to take**
14 **all actions necessary to effectuate this**
15 **vote.)**

16 TREASURER GOLDBERG: And then the second vote
17 is I seek a motion of the approval of a new co-
18 investment manager, Stone Point; that the PRIM
19 Board approve the Investment Committee's
20 recommendation to approve the addition of Stone
21 Point Capital to the board-approved bench of co-
22 investment managers and further to authorize the
23 executive director to take all actions necessary
24 to effectuate this vote.

25 By this vote, the board will authorize
PRIM's staff to source potential co-investment
transactions of up to 30 million each, sponsored
by Stone Point Capital, pursuant to the co-

1 investment program approved by the board in
2 February 2014.

3 Is there a motion?

4 MR. BROUSSEAU: So moved.

5 TREASURER GOLDBERG: Is there a second?

6 MR. BROUSSEAU: Fast question. Do you see
7 some possible, Alyssa, recommendations coming down
8 as co-investment?

9 MS. FIORE: With Stone Point?

10 MR. BROUSSEAU: Yes.

11 MS. FIORE: So putting that on the bench just
12 gives us the opportunity to look at the co-
13 investments.

14 MR. BROUSSEAU: There's nothing right there
15 immediately. They're on the bench, but we could
16 be adding --

17 MS. FIORE: Right. So we have the
18 opportunity to look in the future.

19 MR. BROUSSEAU: I know, but whether we'd be
20 getting more recommendations down the road or not
21 so --

22 MR. TROTSKY: Hopefully.

23 MR. BAILEY: We hope so. Yes. It's lumpy.
24 A lot of things have to line up for us.

25 But we're pleased. We've completed

1 three now, Bob -- well, actually we've completed
2 three, and we're about to finish our fourth since
3 you-all approved that program in late '14.

4 But they're lumpy. They're lumpy. But
5 we're geared up and ready to go if they call.

6 Treasurer Goldberg, with your
7 permission, I have one other item to mention.

8 TREASURER GOLDBERG: We didn't vote yet.

9 MR. BAILEY: Oh, sorry.

10 TREASURER GOLDBERG: We had a question. We
11 had a second -- I didn't hear the second.

12 MR. NAUGHTON: Second.

13 TREASURER GOLDBERG: All those in favor?

14 BOARD MEMBERS: Aye.

15 (VOTED: To approve the Investment
16 Committee's recommendation to approve
17 the addition of Stone Point Capital to
18 the board-approved bench of co-
19 investment managers and further to
20 authorize the executive director to take
21 all actions necessary to effectuate this
22 vote. By this vote, the board will
23 authorize PRIM's staff to source
24 potential co-investment transactions of
25 up to \$30 million each sponsored by
Stone Point Capital, pursuant to the
co-investment program approved by the
board in February 2014.)

23 TREASURER GOLDBERG: Now you can continue.

24 MR. BAILEY: Sorry to jump the gun. One
25 administrative item.

1 We learned in early February that the
2 consulting firm we've worked with since 2007, a
3 firm called Hamilton Lane, made filings with the
4 federal government to register to become a public
5 company, to sell shares to the public.

6 So we will learn more about this. The
7 offering is currently in the quiet period, so
8 there's not a lot of information that we can share
9 with you.

10 But we benefit greatly from Hamilton
11 Lane's excellent service to us. You-all approved
12 Hamilton Lane as our consultant again when we
13 reviewed their services in late 2014. And you
14 voted in early 2015, I believe it was, to hire
15 them again. We're currently in the middle of a
16 three-year contract with them that will expire in
17 late 2018.

18 So we are going to keep an eye on this.
19 And I sort of think the proof is in the pudding.
20 We have a very high level of service, great team
21 working for us. We don't anticipate any material
22 changes as a result of this offering, but we'll
23 monitor that, and we'll keep you informed. So I
24 wanted to just let you know.

25 MR. SHANLEY: Thank you.

1 TREASURER GOLDBERG: That's very fascinating.
2 I'll be interested to see how that goes. It
3 doesn't necessarily mean that their services will
4 be any less valuable, but it's something to watch.

5 MR. TROTSKY: Right.

6 MR. BAILEY: Thank you.

7 (Mr. Shanley left the meeting.)

8 TREASURER GOLDBERG: Finance and
9 administration report. No. Real estate.

10 Sorry. You're at the very top of
11 page 13 in the expanded agenda.

12 MR. SCHLITZER: No problem. I will be brief.

13 TREASURER GOLDBERG: One single sentence for
14 such an important area, one of our great
15 alternative investment strategies.

16 MR. SCHLITZER: Nice of you to say.

17 TREASURER GOLDBERG: With a highly, highly
18 qualified, who passes very important exams.

19 MR. TROTSKY: Secretly.

20 MR. SCHLITZER: No. Thank you for that.

21 And I'm going to start by saying we did
22 have a good year in this portfolio, and I want to
23 thank my team in particular --

24 TREASURER GOLDBERG: That's nice of you.

25 MR. SCHLITZER: -- for all of their

1 contributions.

2 And thank you for your compliments as
3 well. But John and Christina, both fantastic
4 contributions this year.

5 So Appendix K is where performance is
6 held, and I'm just going to make a few comments on
7 the portfolio, and then I will move on.

8 So starting with real estate, so from an
9 allocation perspective, we're at 6.3 billion, and
10 that's at target at 10 percent. We've had no
11 change in the real estate weights. We continue to
12 be in line with a little bit of an overweight to
13 REITs and then offset by a slight underweight to
14 non-core.

15 Just in terms of investment activity
16 this year, relatively slow year, I would say, on
17 the transaction front. We did acquire four
18 properties for 214 million, which includes the
19 investment that Michael mentioned, Santa Clara
20 Gateway, for 112 million.

21 We had five dispositions for
22 258 million. Two of those are about 40 million,
23 were non-core development opportunities.

24 We did fund two new REIT managers in
25 February with 300 million. This was taken from

1 the existing takeover account. And then another
2 current manager account as well.

3 (Mr. Shanley rejoined the meeting.)

4 And then lastly, just as a reminder, we
5 did commit a hundred million dollars to DivcoWest
6 Fund V during the year.

7 Moving on to performance, total real
8 estate returned 7.7 percent during the year. That
9 is 70 basis points below PRIM's lagged benchmark.

10 The private portfolio returned
11 8.3 percent, 90 basis points below again the
12 lagged benchmark.

13 And so I'll make one point on timing
14 there. When we do unlag the benchmarks -- that
15 simply means actually including the fourth
16 quarter, which is not included in the Mellon
17 report -- the benchmark comes down 125 basis
18 points, which essentially implies outperformance,
19 if you were to run those numbers based on our
20 current portfolio construction. So we feel better
21 about that unlagged relative data.

22 Then to wrap up, the REIT portfolio
23 returned 5.6 percent over the year, 77 basis
24 points above benchmark. U.S. REITs returned
25 8.5 percent in 2016. So it was really the non-

1 U.S. companies that detracted from performance.
2 The UK was down 8.5 percent. That was related to
3 Brexit. And then Hong Kong and Singapore also had
4 negative returns during the year, really related
5 to policy-related cooling in the housing market.

6 So that's the commentary there.

7 If there are no questions, I'll just
8 quickly move on to timberland.

9 So timberland is valued at 2.3 billion
10 or 3.6 percent of the PRIT Fund. That leaves us
11 with about 260 million free for additional
12 investments to get to target. I'll note that we
13 did complete 300 million in acquisitions in the
14 fourth quarter. A couple of fairly large
15 acquisitions, one in the south and then one in the
16 Pacific northwest.

17 On to performance, total timberland did
18 return 6.6 percent during the year. That's
19 332 basis points above again the lagged benchmark.
20 Both managers did outperform. When we unlag the
21 benchmark, the benchmark also comes down 70 basis
22 points, so that increases the outperformance to
23 400 basis points.

24 Appraisals were up 2 percent, which is
25 about \$40 million in additional value.

1 So that is the commentary on timberland.
2 Again, I'm happy to answer any questions, if there
3 are any.

4 TREASURER GOLDBERG: I just think everyone at
5 this table should make a commitment to buying
6 cherry. Black cherry.

7 MR. SCHLITZER: I like that. Cherry prices
8 were up 11 percent last year. So we were pleased
9 to see that.

10 TREASURER GOLDBERG: Well, we're doing our
11 part in this room.

12 MR. SCHLITZER: There you go. Thank you.

13 TREASURER GOLDBERG: Thank you, Tim.

14 Okay. Now, David Gurtz.

15 MR. GURTZ: Good afternoon, everybody.

16 TREASURER GOLDBERG: Afternoon.

17 MR. GURTZ: So we're going to be talking
18 about proxy voting guidelines. There's
19 Appendix L, but I'm going to be specifically
20 referring to Appendix M in your packet. And
21 Appendix M is PRIM's custom policy matrix, which
22 describes the recommended enhancements to PRIM's
23 custom proxy voting guidelines.

24 At the Administration and Audit
25 Committee, representatives from ISS highlighted

1 each of the proposed changes to PRIM's custom
2 proxy voting guidelines found in Appendix M. But
3 in the interest of time today, I will just
4 highlight a few of the key enhancements that the
5 committee discussed and unanimously recommended
6 the board adopt today.

7 So first is a reminder, more or less, of
8 PRIM's overboarded directors policy, which is
9 found on the bottom of page 4 and 5 of this
10 Appendix M.

11 And as you may recall, last year, this
12 board voted to change our guidelines to voting
13 against directors who sit on more than five public
14 company boards.

15 Then effective February 1 of this year,
16 a couple weeks ago, that guideline is now down to
17 four or more public company boards. This policy
18 was approved last year as a two-step process to
19 bring the number of public companies a director
20 can sit on down in a more measured approach.

21 The bottom of page 5 follows a similar
22 measured approach, the committee is recommending
23 that the board diversity threshold increase from
24 25 percent to 30 percent. The recommended policy
25 is for PRIM to vote against or withhold from all

1 board nominees if less than 30 percent of the
2 board is diverse in terms of gender and race.

3 The committee discussed that two years
4 ago when this policy was first introduced and
5 implemented here at PRIM, the 25 percent threshold
6 seemed like the appropriate number at the time.
7 It was a number that would encourage other like-
8 minded investors to join PRIM in sending the
9 message that diversity of thought at boards is
10 important and financially beneficial to
11 shareholders.

12 Now other like-minded investors have
13 pushed that threshold up to 30 percent, and the
14 committee is recommending the PRIM Board join
15 others and vote for a policy requiring 30 percent
16 board diversity.

17 And then finally on page 8, the
18 committee discussed and is recommending our
19 guidelines specifically state that PRIM votes for
20 shareholder proposals requesting internal wage
21 audits and proposals requiring the company to
22 share the results of an internal wage audit with
23 shareholders.

24 Now, currently and historically, PRIM's
25 guidelines have stated, quote, "PRIM urges

1 companies to lead on the issue of wage equality,
2 ensuring that men and women receive equal pay for
3 like and comparable work," end quote.

4 With this existing guiding principle,
5 the committee voted to recommend adding these two
6 specific guidelines found on page 8 to encourage
7 wage studies and wage audits and the transparency
8 thereof.

9 So with that, I'm happy to try and
10 answer any of your questions.

11 TREASURER GOLDBERG: I can add a little bit
12 of commentary to this, which is firstly, at the
13 time that we did the 25 percent, there were others
14 doing 30.

15 I felt that we wanted to actually
16 encourage those who were moving towards that. And
17 if you went immediately to 30, you were not
18 finding very many people who had achieved that
19 goal.

20 So we wanted to support those who were
21 approaching the 25 percent mark, which then did
22 create a cohort of companies who did achieve that.
23 And so now we want to join in and encourage them
24 to keep on moving and have others join in.

25 And so very similar strategy was used

1 with the overboarding, which we did in two tiers.
2 This is the next step on the diversity for boards.

3 Now, I want to remind everyone that the
4 whole concept behind this is that boards make a
5 lot of business decisions and need a diversity of
6 ideas when those take place, but also that it
7 encourages the workforce below it within that
8 entity to have more women and more people of color
9 and that statistically speaking, the data now
10 proves that those companies are more profitable,
11 which makes them better investments.

12 So there are business strategies for why
13 we are doing this.

14 In addition, that the question around
15 the expansion of our position with respect to wage
16 practices shows the exact same data. And you see
17 right here at PRIM a lot of work has come into
18 play to get qualified people and support the
19 advancement of wage equality and diversity of a
20 workforce. And it's not easy, and a lot of good
21 people want to do this, but don't understand it.

22 And what we have found is that the audit
23 actually helps. We did it internally at the
24 Treasurer's office. We've encouraged others and
25 that it helps people understand the issue better.

1 And I had a wonderful conversation. I
2 watched a debate between two HR professionals in a
3 traditional old-line bank have that conversation.
4 Two men. And they were trying to figure out how
5 do we get this done.

6 And I thought that was really an
7 outstanding thing to be observing, them doing that
8 without me involved. And struggling. How do we
9 do this? How do we address it? How do we find --
10 what is the same job for the same person?

11 But people are starting. And you have
12 to start the conversations because it's going to
13 make everyone more profitable. More stable
14 workforce also. And it affects our overall
15 economy.

16 So that's kind of the color behind
17 David's description of the technical nature of
18 what we voted for and supported unanimously at the
19 Admin and Audit Committee.

20 Consequently, are there any other
21 questions for me or David?

22 MS. MCGOLDRICK: I don't have a question. I
23 just have a comment.

24 I just want to say that I wholeheartedly
25 support the enhancements to the proxy voting

1 policy. I think it's both thoughtful and
2 progressive as we have been, and it further
3 enhances the stance that we've taken.

4 Not only is it the right thing to do, I
5 feel, and I think that's pretty clear, that gender
6 diversity and pay equity are all fairness and
7 equity principles, but it's supported by data, as
8 the Treasurer has spoken to, and we have
9 exhaustively looked and researched that data. And
10 it is our fiduciary role and responsibility to put
11 this forward.

12 MR. BROUSSEAU: And also to note that the
13 Administration and Audit Committee at our meeting
14 on the 2nd of February voted unanimously to go
15 into decision, very, very carefully to recommend
16 this to the board.

17 TREASURER GOLDBERG: So this is a voting item
18 actually.

19 MR. BROUSSEAU: Yes, it is.

20 TREASURER GOLDBERG: So I would seek a motion
21 of the adoption of the 2017 proxy voting
22 guidelines, that the PRIM board approve the
23 Administration and Audit Committee's
24 recommendation to adopt the enhancements to PRIM's
25 custom proxy voting guidelines as contained in

1 Appendix M of the expanded agenda and further to
2 authorize the executive director to take all
3 actions necessary to effectuate this vote.

4 Is there a motion?

5 MR. SHANLEY: So moved.

6 MR. NAUGHTON: Second.

7 TREASURER GOLDBERG: All those in favor?

8 BOARD MEMBERS: Aye.

9 (VOTED: To approve board approve the
10 Administration and Audit Committee's
11 recommendation to adopt the enhancements
12 to PRIM's custom proxy voting guidelines
13 as contained in Appendix M of the
14 expanded agenda and further to authorize
15 the executive director to take all
16 actions necessary to effectuate this
17 vote.)

14 TREASURER GOLDBERG: Thank you, David.

15 MR. GURTZ: The next item is just a process
16 update for you. It's the board's self-evaluation
17 questionnaire.

18 So per our charters, the Administration
19 and Audit Committee is responsible for approving
20 the board's self-evaluation questionnaire. They
21 did so at the February 2 committee meeting. The
22 questionnaire is prepared and created by Cortex,
23 PRIM's governance consultant.

24 So as a result, I believe Cortex has
25 sent that questionnaire to you. It is due by

1 February 24. Cortex will follow up with each of
2 you with a phone call so you can describe or
3 discuss anything more fluidly, rather than doing
4 it in the questionnaire.

5 Also the Administration and Audit
6 Committee and this board, as Michael mentioned
7 earlier as part of our annual plans, will be
8 reviewing and updating the board governance
9 manual, which is our charters, this spring.

10 And Cortex also helps us create the
11 charters. And Cortex has suggested that the
12 follow phone interviews include an opportunity for
13 members to raise any issues or suggestions that
14 you may have in regards to the charters.

15 And again, Cortex really just hoping
16 that this will make the charters review that much
17 more efficient.

18 Cortex will obviously tabulate these
19 results, it is anonymous, and will provide a
20 summary of the results to Bob, the chair of the
21 Administration and Audit Committee. And he will
22 be presenting that, along with Cortex, to the
23 admin meeting on May 4. And then obviously it
24 comes to the board at the next meeting, May 16.

25 MR. BROUSSEAU: And also, last year, if you

1 recall, with the cajoling of the Treasurer, myself
2 and others, we had 100 percent return in the
3 evaluation --

4 TREASURER GOLDBERG: Anything other is not
5 acceptable.

6 MR. BROUSSEAU: Unacceptable.

7 That was the first time in quite a few
8 years that we had a full report. Hopefully,
9 David -- we have two trustees not here, probably a
10 reminder.

11 MR. GURTZ: That's right.

12 MR. BROUSSEAU: I know that two days ago,
13 Cortex did send you your last year's evaluation
14 with how you -- if you want to compare last year's
15 with this year's, it can be done.

16 It's important to get that in.

17 TREASURER GOLDBERG: Two people have already
18 done their questionnaires. I know I was one of
19 them.

20 MR. GURTZ: Yes.

21 TREASURER GOLDBERG: I just found out who the
22 second one was. You can raise your hand.

23 Oh, then we have three. Okay. Now we
24 have three.

25 So I have six people to abuse.

1 MS. ROSE: I'll do it tonight for Valentine's
2 Day. How's that?

3 TREASURER GOLDBERG: So people will hear from
4 me nicely, with incentive rewards, if they don't
5 get it done.

6 It's really critical. There are only
7 nine board members. If you have one person who
8 doesn't do it, that's a huge percentage of non-
9 return because there are only nine of us. And it
10 skews the results.

11 So thank you very much for bringing that
12 up.

13 MR. GURTZ: Thanks.

14 TREASURER GOLDBERG: And to be continued.

15 Thank you. And with that, the meeting
16 is adjourned.

17 I seek a motion.

18 MR. BROUSSEAU: Anything from Chris?

19 TREASURER GOLDBERG: Chris?

20 MR. SUPPLE: I don't have any --

21 TREASURER GOLDBERG: No. That's what I
22 thought.

23 So I seek a motion.

24 MS. FITCH: So moved.

25 TREASURER GOLDBERG: Second?

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MR. SHANLEY: Second.

TREASURER GOLDBERG: All in favor?

BOARD MEMBERS: Aye.

TREASURER GOLDBERG: Good job, everybody.

**(VOTED: To approve the adjournment of
the December 6, 2016 board meeting at
2:05 p.m.)**