

**Transcript of Chair Powell's Press Conference  
November 1, 2023**

CHAIR POWELL. Good afternoon, everyone, and welcome. My colleagues and I remain squarely focused on our dual mandate to promote maximum employment and stable prices for the American people. We understand the hardship that high inflation is causing, and we remain strongly committed to bringing inflation back down to our 2 percent goal. Price stability is the responsibility of the Federal Reserve. Without price stability, the economy does not work for anyone. In particular, without price stability, we will not achieve a sustained period of strong labor market conditions that benefit all.

Since early last year, the FOMC has significantly tightened the stance of monetary policy. We have raised our policy interest rate by 5-1/4 percentage points and have continued to reduce our securities holdings at a brisk pace. The stance of policy is restrictive, meaning that tight policy is putting downward pressure on economic activity and inflation, and the full effects of our tightening have yet to be felt. Today, we decided to leave our policy interest rate unchanged and to continue to reduce our securities holdings. Given how far we have come, along with the uncertainties and risks we face, the Committee is proceeding carefully. We will make decisions about the extent of additional policy firming and how long policy will remain restrictive based on the totality of the incoming data, the evolving outlook, and the balance of risks. I will have more to say about monetary policy after briefly reviewing economic developments.

Recent indicators suggest that economic activity has been expanding at a strong pace, and well above earlier expectations. In the third quarter, real GDP is estimated to have risen at an outsized annual rate of 4.9 percent, boosted by a surge in consumer spending. After picking up somewhat over the summer, activity in the housing sector has flattened out and remains well

below levels of a year ago, largely reflecting higher mortgage rates. Higher interest rates also appear to be weighing on business fixed investment.

The labor market remains tight, but supply and demand conditions continue to come into better balance. Over the past three months, payroll job gains averaged 266 thousand jobs per month, a strong pace that is nevertheless below that seen earlier in the year. The unemployment rate remains low, at 3.8 percent. Strong job creation has been accompanied by an increase in the supply of workers: The labor force participation rate has moved up since late last year, particularly for individuals aged 25 to 54 years, and immigration has rebounded to pre-pandemic levels. Nominal wage growth has shown some signs of easing, and job vacancies have declined so far this year. Although the jobs-to-workers gap has narrowed, labor demand still exceeds the supply of available workers.

Inflation remains well above our longer-run goal of 2 percent. Total PCE prices rose 3.4 percent over the 12 months ending in September. Excluding the volatile food and energy categories, core PCE prices rose 3.7 percent. Inflation has moderated since the middle of last year, and readings over the summer were quite favorable. But a few months of good data are only the beginning of what it will take to build confidence that inflation is moving down sustainably toward our goal. The process of getting inflation sustainably down to 2 percent has a long way to go. Despite elevated inflation, longer-term inflation expectations appear to remain well anchored, as reflected in a broad range of surveys of households, businesses, and forecasters, as well as measures from financial markets.

The Fed's monetary policy actions are guided by our mandate to promote maximum employment and stable prices for the American people. My colleagues and I are acutely aware that high inflation imposes significant hardship as it erodes purchasing power, especially for

those least able to meet the higher costs of essentials like food, housing, and transportation. We are highly attentive to the risks that high inflation poses to both sides of our mandate, and we are strongly committed to returning inflation to our 2 percent objective.

As I noted earlier, since early last year, we have raised our policy rate by 5-1/4 percentage points, and we have decreased our securities holdings by more than \$1 trillion. Our restrictive stance of monetary policy is putting downward pressure on economic activity and inflation. The Committee decided at today's meeting to maintain the target range for the federal funds rate at 5-1/4 to 5-1/2 percent and to continue the process of significantly reducing our securities holdings. We are committed to achieving a stance of monetary policy that is sufficiently restrictive to bring inflation sustainably down to 2 percent over time, and to keeping policy restrictive until we are confident that inflation is on a path to that objective.

We are attentive to recent data showing the resilience of economic growth and demand for labor. Evidence of growth persistently above potential, or that tightness in the labor market is no longer easing, could put further progress on inflation at risk and could warrant further tightening of monetary policy.

Financial conditions have tightened significantly in recent months, driven by higher longer-term bond yields, among other factors. Because persistent changes in financial conditions can have implications for the path of monetary policy, we monitor financial developments closely.

In light of the uncertainties and risks, and how far we have come, the Committee is proceeding carefully. We will continue to make our decisions meeting by meeting, based on the totality of the incoming data and their implications for the outlook for economic activity and inflation as well as the balance of risks. In determining the extent of additional policy firming

that may be appropriate to return inflation to 2 percent over time, the Committee will take into account the cumulative tightening of monetary policy, the lags with which monetary policy affects economic activity and inflation, and economic and financial developments.

We remain committed to bringing inflation back down to our 2 percent goal and to keeping longer-term inflation expectations well anchored. Reducing inflation is likely to require a period of below-potential growth and some softening of labor market conditions. Restoring price stability is essential to set the stage for achieving maximum employment and stable prices over the longer run.

To conclude, we understand that our actions affect communities, families, and businesses across the country. Everything we do is in service to our public mission. We at the Fed will do everything we can to achieve our maximum employment and price stability goals. Thank you, and I look forward to your questions.

MICHELLE SMITH. Let's go to Howard.

HOWARD SCHNEIDER. Howard Schneider with Reuters. Thank you, Chair Powell, for doing this. To what you referenced, the rise in long-term bond yields, to what degree is that the planned action by the Fed at this meeting?

CHAIR POWELL. Thanks for your question. So, I'll talk about bond yields, but I want to take a second and just sort of set the broader context in which we're looking at that. So, if you look at the situation, let's look at the economy first. Inflation has been coming down, but it's still running well above our 2 percent target. The labor market has been rebalancing but it's still very tight by many measures. GDP growth has been strong, although many forecasters are forecasting and they have been forecasting that it will slow. As for the Committee, we are committed to achieving a stance of monetary policy that's sufficiently restrictive to bring inflation down to 2

percent over time. And we're not confident yet that we have achieved such a stance. So that is the broader context into which this strong economy and all the things I said, that's the context in which we're looking at this question of rates. So, obviously we're monitoring, we're attentive to the increase in longer-term yields and which have contributed to a tightening of broader financial conditions since the summer. As I mentioned, persistent changes in broader financial conditions can have implications for the path of monetary policy. In this case, the tighter financial conditions we're seeing from higher long-term rates but also from other sources like the stronger dollar and lower equity prices could matter for future rate decisions, as long as two conditions are satisfied. The first is that the tighter conditions would need to be persistent and that is something that remains to be seen. But that's critical, things are fluctuating back and forth, that's not what we're looking for. With financial conditions, we're looking for persistent changes that are material. The second thing is that the longer-term rates that have moved up, they can't simply be a reflection of expected policy moves from us that we would then, that if we didn't follow through on them, then the rates would come back down. So, and I would say on that, it does not appear that an expectation of higher near-term policy rates is causing the increase in longer-term rates. So, in the meantime though, perhaps the most important thing is that these higher Treasury yields are showing through a higher borrowing cost for households and businesses and those higher costs are going to weigh on economic activity to the extent this tightening persists and the mind's eye goes to the 8 percent, near 8 percent mortgage rate, which could have pretty significant effect on housing. So, that's how I would answer your question.

HOWARD SCHNEIDER. Just as a quick follow on to be clear on this; in your opening statement just now, you seemed to imply that you are not yet confident that financial conditions are restrictive enough to finish the fight. Is that true?

CHAIR POWELL. Yes, that's exactly right. To say it a different way, we haven't made any decisions about future meetings. We have not made a determination and we're not, I will say that we're not confident at this time that we've reached such a stance. We're not confident that we haven't, we're not confident that we have. And that's, that is the way we're going to be going into these future meetings is to be just determining the extent of any additional further policy tightening that may be appropriate to return inflation to 2 percent over time.

MICHELLE SMITH. Jeana.

JEANNA SMIALEK. Hi Chair Powell, thank you so much for taking our questions. I wonder if you don't raise interest rates in December, would the presumption be at that point that we should expect that rates are at their peak, or is there a possibility of restarting rate increases next year? And are there any costs to taking a more extended pause?

CHAIR POWELL. So, let me start by saying we haven't made a decision about September, you're asking a hypothetical there, but we're going into December meeting, we'll get as you know, two more inflation ratings, two more labor market readings, some data on economic activity and so we'll be taking, and also the broader situation, the broader financial condition situation and broader world situation, we'll be looking at all those things as we make a decision in December. We haven't made that decision. I would say though that the idea that if you, the idea that would-- difficult to raise again after stopping for a meeting or two, it's just not right. I mean the Committee will always do what it thinks is appropriate at the time. And again, we haven't made any decisions at all about December. We didn't even, we didn't talk about making a decision in December today. Really it was a decision for this meeting and understanding broader things.

MICHELLE SMITH. Nick.

NICK TIMIRAOS. Nick Timiraos, The Wall Street Journal. Chair Powell, did the Fed staff put a recession back into the baseline forecast in the materials for today's meeting? And how much does this tightening and financial conditions substitute for rate hikes if the tightening is persistent. You had said it was worth maybe a quarter point when we had the bank failures in the spring. What is it here on something that's presumably more straightforward and more familiar to simulate?

CHAIR POWELL. So I guess I don't want to answer your question about the recession, but the answer is no. I think I have to answer it, since we did publicly say in the minutes, you'll know anyway in the minutes, the staff did not put a recession back in. I mean it would be hard to see how you would do that if you look at the activity we've seen recently, which is not really indicative of a recession in the near term. In terms of how to think about translation into rate hikes, I think it's just too early to be doing that, and the main reason is we just don't know how persistent this will be. You can see how volatile it is, different kinds of news will affect the level of rates and I think any kind of an estimate that was precise would hang out there and have a great chance of looking wrong very quickly. So, I think what we can say is that financial conditions have clearly tightened and you can see that in the rates that consumers and households and businesses are paying now, and over time that will have an effect, we just don't know how persistent it's going to be and it's tough to try to translate that in a way that I'd be comfortable communicating to how many rate hikes that is.

NICK TIMIRAOS. I'd like to follow-up and ask what makes you confident-- what makes you confident in the tighter financial conditions will slow above trend growth when 500 basis points of rate hikes, QT, and a minor banking crisis have not thus far?

CHAIR POWELL. Well, that's you know, the way our policy works is, and sometimes it works with lags of course, which can be long and variable, but ultimately if you raise the interest rates, you do see those affects and you see those effects in the economy now, you see what's happening in the housing market, you're seeing that now, you'll see, if you look at surveys of people, it's not a good time they think to buy durable goods of various kinds because rates are so high now. I mentioned again, we're getting reports from housing that the effects of this could be quite significant. But you're right. This has been a resilient economy, and it's I think been surprising in its resilience and there are a number of possible reasons why that may be. Our job is to achieve maximum employment and price stability and so we take the economy as it comes. It has been resilient, so we just, we take it as it is.

MICHELLE SMITH. Colby.

COLBY SMTH. Thank you. Colby Smith with The Financial Times. In terms of the thresholds that you've laid out of what could warrant further tightening, the additional evidence of persistently above trend growth, or some kind of reversal in the recent easing of labor market tightness, that seems to suggest something more powerful than just one more quarter point rate hike would be necessary. And I'm just curious if that's how the Committee sees it.

CHAIR POWELL. So we've identified those factors, those were not meant to be the only factors or a specific test that we're going to be applying with some metrics behind it. We're really going to be looking at the broader picture and what's happening with our progress toward the 2 percent inflation goal. Is the labor market continuing to broadly cool off and achieve a better balance, so we'll be looking at that. Growth, we look at growth insofar as it has implications for our two mandate goals, we look at that, and we look at broader financial



conditions. So we'll be looking at all of those things as we reach a judgment, whether we need to further tighten policy and if we do reach that judgment, then we will further tighten policy.

COLBY SMITH. Okay, and just in terms of the tightening of financial conditions, if that is having some kind of offsetting affect in terms of the need to potentially again raise rates, what then is the potential impact on the trajectory of rate cuts? Could we see those maybe pulled forward or have to see more than what the September SEP indicated?

CHAIR POWELL. So it's, the fact is the Committee is not thinking about rate cuts right now at all. We're not talking about rate cuts, we're still very focused on the first question, which is; have we achieved a stance of monetary policy that's sufficiently restrictive to bring inflation down to 2 percent over time, sustainably? That is the question we're focusing on. The next question, as you know, will be for how long will we remain restrictive? Will policy remain restrictive and what we've said there is that we'll keep policy restrictive until we're confident that inflation is on a sustainable path down to 2 percent. That'll be the next question, but honestly, right now we're really tightly focused on the first question. The question of rate cuts just doesn't come up because I think the first, it's so important to get that first question as close to right as you can.

MICHELLE SMITH. Steve.

STEVE LIESMAN. Steve Liesman, CNBC. Mr. Chairman, I guess I have assumed that there was a tightening bias in the Committee, you say in the statement you're looking to assess the appropriate stance of monetary policy, the extent to which you may need to hike additionally. You didn't say earlier that you were sufficiently restrictive, there were forecasts for two rate hikes among most members of the Committee, but then you just said that we don't, we haven't

made a determination. Would you say the bias right now is neutral, that there is no disposition to hike again and that the Committee largely has moved off of this forecast for two hikes? Sorry, one additional—

CHAIR POWELL. No, I wouldn't say that at all. I would say, I mean the language looking at it here, in determining the extent of additional policy firming that may be appropriate to return inflation to 2 percent over time. That's the question we're asking.

STEVE LIESMAN. So is it right to think of that as a hiking bias is still in the Committee here?

CHAIR POWELL. We haven't used that term, but it's fair to say that's the question we're asking is, should we hike more. It's not, that is the question, and you're right that in September we wrote down one additional rate hike. But, and we'll write down another forecast, as you know, in December.

MICHELLE SMITH. Chris.

CHRIS RUGABER. Thank you, Chris Rugaber, at Associated Press. Well, since the last meeting, the auto workers' strike has finished, oil prices have leveled off, and yet on the other hand, you have the outbreak of war between Israel and Hamas. How do you see all those factors taken together, affecting the economy going forward? How are you thinking about those?

CHAIR POWELL. So, there are significant issues out there, as you point out, global geopolitical tensions are certainly elevated, and that goes for the war in Ukraine, it goes for the war between Israel and Hamas. We're monitoring that, our job is to monitor those things for their economic implications. So, the UAW strike, as you point out, appears to be coming to an end. Oil prices have flattened out, they haven't gone down. I guess they've gone down a little bit from

their earlier peak. Another one is the possibility of government shutdown; we don't know about that one. So, there's plenty of risk out there. But I would go back to the bigger picture from our standpoint is, we've got a very strong economy, strong labor market, making progress on labor market, making progress on inflation, and we're very focused on getting confident that we have achieved a stance of monetary policy that is sufficiently restrictive. That's really our focus.

CHRIS RUGABER. Great, and just one quick thing. You last month had gone to York, Pennsylvania where you talked to a lot of, or, yeah last month, where you talked to a lot of small business owners. Just curious, what sentiments did you hear from them or what did you pick up on and what would you-- was there anything that surprised you the most in terms of what they talked about?

CHAIR POWELL. I wouldn't say I was terribly surprised. I was very impressed by York as a town with a real strategy. And I would say it's very impressive what the people there have put together in the face of some difficult longer run trends about offshoring of manufacturing and that kind of thing. They've done a great job as a city, I think. What you hear, and it's consistent there, which is people are really suffering under high inflation. You were there, we talked to some people who were feeling that in their businesses and other people who were feeling it in their home lives as well. It's painful for people, particularly people who don't have a lot of extra financial resources who are spending most of their income on the essentials of life. So, we know that, that wasn't new. But that did come through very clearly in the conversations we had in York, and I walked away from that even, I mean just thinking that we really, the best thing we can do for the U.S. is to restore price stability, fully restore price stability and not fail in that task and do it as quickly as possible, but also with the least damage we can.

MICHELLE SMITH. Rachel.

RACHEL SIEGEL. Hi Chair Powell. Rachel Siegel from the Washington Post. Thanks for taking our questions. You've spoken before about the pain that would likely be coming for the economy in order to get inflation down. But since the economy has not responded to rate hikes in ways that would normally be expected, have you changed your views on that at all on how necessary or inevitable that kind of pain would be, say for the labor market or overall growth?

CHAIR POWELL. Well I think everyone has been very gratified to see that we've been able to achieve pretty significant progress on inflation without seeing the kind of increase in unemployment that has been very typical of rate hiking cycles like this one. So that's a historically unusual and very welcome result. And the same is true of growth, we've been saying that we need to see below potential growth and growth has been strong but yet we're still seeing this. I think I still believe and my colleagues for the most part I think still believe, that is likely to be true. It is still likely to be true, not a certainty but likely that we will need to see some slower growth and some softening in the labor market, in labor market conditions to get to fully restore price stability. So, but it's only a good thing that we haven't seen it and I think we know why. Since we lifted off, we have understood that there are really two processes at work here, one of which is the unwinding of the distortions to both supply and demand from the Pandemic and the response to the Pandemic. And the other is restrictive monetary policy which is moderating demand and giving the supply side time to recover, time and space to recover. So you see those two forces now working together to bring down inflation. But it's that first one can bring down inflation without the need for higher unemployment or slower growth, it's just, it's supply side improvements like shortages and bottlenecks and that kind of thing going away. It's getting a significant increase in the size of the labor market now, both from labor force participation and

from immigration. That's a big supply side gain that is really helping the economy and it's part of why GDP is so high is because we're getting that supply. So, we welcome that. But I think those things will run their course and we're probably still going to be left, we think, and I think, we'll still be left with some ground to cover to get back to full price stability and that's where monetary policy and what we do with demand is still going to be important.

RACHEL SIEGEL. Against that backdrop, if you've gotten any clarity on lags. If you have an economy that's been so resilient to high rate increases, does that suggest to you that there isn't necessarily this huge wave of tightening that's still coming through the pipeline and that it may have already come into effect?

CHAIR POWELL. You know, I continue to think it's very hard to say. So it's been one year at this meeting, one year ago this was the fourth of our 75 basis points hikes, so that's a full year since then. I think we are seeing the effects of all the hiking we did last year and this year we're seeing it. It's very hard to know exactly what that might be. But you can, for example, an example where you wouldn't have felt this yet is debt that had been termed out. But it's going to come due and have to get rolled over next year or the year after. So, and there are little things like that where the effects have just taken time to get into the economy. So I don't, I think we have to make monetary policy under great uncertainty about how long the lags are. I think trying to make a clear, get a clear answer and say, I'm just going to assume this, is really not a good way to do it. And this is one of the reasons why we have slowed the process down this year was to give monetary policy time to get into the economy and it takes time, we know that, and you can't rush it. So, doing, slowing down is giving us I think a better sense of how much more we need to do. If we need to do more.

MICHELEL SMITH. Michael.

MICHAEL MCKEE. Michael McKee, from Bloomberg Television and Radio. I'm trying to connect the dots here, one quick clarification I wanted to ask about Rachel's question is, you said you need slower growth. You had always said before a period of lower than trend growth. Has that changed? And two, it sounds to me like you're basically saying here that the kind of the dot plot's out the window, that every meeting is live with the possibility of a rate increase for right now doesn't matter about the turn of the year. And that there's not an objective way to determine whether or not you've got enough tightening in the system. It's just going to be a subjective judgment, meeting by meeting.

CHAIR POWELL. Well so, let's talk about the dot plot first. So, the dot plot is a picture in time of what the people in the Committee thinks is likely to be appropriate monetary policy in light of their own personal economic forecast. In principle, when things change, it's not, that's not like planned that anybody's agreed to or that we will do. That's a forecast that would change, for example, I mean many things could change that would cause people to say, I wouldn't write down that dot six weeks later. Think of the number of things that could change your mind on that. So, I think the efficacy of the dot plot probably decays over the three-month period between that meeting and the next meeting. But nonetheless, it's out there, we don't-- we do personally update our forecast, but we don't formally update the dot plot. So, I think we try to be as transparent as we can about the way we're thinking about these things, we're laying out there our thinking and as we approach the meeting, we'll all be, my colleagues and I will be talking about how we're processing that data. In terms of, so we're not really changing the way, in terms of growth, what I said was below potential, so what you have here recently is growth that is temporarily, potential growth, is elevated for a year or two right now over its trend level. So the right way to think about it is, what's potential growth this year. People think trend growth over a

long period of time is a little bit less than 2 percent or I would say just around 2 percent. But what we've had is with the improvement in the size of the labor force, as I mentioned, through both participation and immigration, and with the better functioning in the labor market with the unwinding of the supply chain and shortages and those kinds of things, you're seeing actually elevated potential growth. There's catch up growth that can happen in potential. And that means that if you're growing, you could be growing at 2 percent this year and still be growing below the increase in the potential output of the economy, I hope that's clear. That's really what's going on. That's why I would say it as below potential.

MICHAEL MCKEE. But if you could clarify what I asked about the meeting by meeting, are we essentially now supposed to assume that it's a meeting by meeting, live meeting with a chance of a rate increase that will be decided on subjective criteria rather than objective at each meeting?

CHAIR POWELL. I mean, I don't know that I want to just accept anybody's characterization, but I'll tell you how we're doing this. So, we're going meeting by meeting, we're asking ourselves whether we've achieved a stance of policy that is sufficiently restrictive to bring inflation down to 2 percent over time, that's the question we're asking. We're looking at the full range of economic data, including financial conditions and all of those things that we look at, and then we're-- we've come very far with this rate hiking cycle. Very far. And you saw the spread at the September meeting of, it's a relatively small spread of people think one or two additional hikes. So, you're close to the end of the cycle. That was an impression as of, I believe, as of September. It's not a promise or a plan of the future. And so we're going into these meetings one by one, we're looking at the data, as I mentioned, we're also, we're being careful, we're proceeding carefully, because we can proceed carefully at this time. Monetary policy is

restrictive, we see its affects, particularly in interest sensitive spending, and other channels, so that's how I think about it.

MICHELLE SMITH. Neil.

NEIL IRWIN. Thanks. Hi Chair Powell, Neil Irwin with Axios. In light of the run up in long-term yields we've seen the last several weeks, have you given any consideration to the pace of your asset run off program? And if there were judgment the higher term premium was endangering the dual mandate goals, would that be reason to think about slowing or suspending QT or should we think of it as more technical question around reserves?

CHAIR POWELL. So, the committee is not considering changing the pace of balance sheet run off. It's not something we're talking about or considering and I know there are many candidate explanations for why rates have been going up and QT is certainly on that list. It may be playing a relatively small effect, although I would say at \$3.3 trillion in reserves, it's not, I think it's hard to make a case that reserves are even close to scarce at this point. So that's not something that we're looking at right now.

MICHELLE SMITH. Victoria.

VICTORIA GUIDA. Hi, Victoria Guida with Politico. I wanted to ask about the Basel III Endgame capital proposal. You've gotten a lot of pushback from people on different aspects of the proposal and you yourself expressed some reservations, and I'm just curious, could you accept finalizing that proposal without significant changes?

CHAIR POWELL. So, that proposal is out for comment. And we expect a lot of comment, we won't get those comments until the end of, well into next year, we've extended the deadline. And we'll take them seriously. We'll read them. I'll say what I do expect is that we will



come to a, we're a consensus driven organization, we'll come to a package that it has broad support on the Board.

VICTORIA GUIDA. So is broad support mean more support than the proposal had?

CHAIR POWELL. It means broad support.

MICHELLE SMITH. Jonnelle.

JONELLE MARTE. Jonnelle Marte with Bloomberg. So in addition to persistence, when you look at long-term treasury yields, what else are you watching to evaluate how those tighter financial conditions are hitting the economy and if it will lessen the need for further tightening? Also, do you think that those higher yields could affect banking stress?

CHAIR POWELL. So what do we look at. We look at a very wide range of financial conditions and in fact, as you'll know, different organizations publish different financial conditions' indexes which can have seven or eight variables, or they can have a hundred variables, so there's a very rich environment, and we tend to look at a few of them. I'm not going to give you the names, but they're, a few of the common ones that people look at. And so they're looking at things like the level of the dollar, level of equity prices, the level of rates, the credit spreads, sometimes they're pulling in credit availability, and things like that, so it isn't any one thing. We would never look at for example, long-term treasury rates in isolation. Nor would we ignore them. But we would look at them as part of a broader picture and they do play a role of course, in many of the major standard financial condition indexes. Your second question was?

JONELLE MARTE. On the banking stress.

CHAIR POWELL. Banking stress. So, it's something we're watching, as you know, we did have, there were issues with the interest rate risk and also funding, uninsured deposits in the March, the things we went through in March and thereafter and so we've been working a lot with financial institutions to make sure that they have good funding plans and good, and that they have a plan for how to deal with the kind of portfolio unrealized losses that they have, and we do think the banking system is quite resilient, we had a handful of bank failures but so that's what we're out there doing. And we don't have any reason to think that these rate hikes are materially changing that picture. Which is one of a strong banking system and one where there's a strong focus by banks and by supervisors on liquidity, on funding and those sorts of things.

MICHELLE SMITH. Scott.

SCOTT HORSLEY. Thanks Mr. Chairman. Scott Horsley from NPR. Last week you and your colleagues put forward a proposal to lower the cap on debit card swipe fees for comment, could you just talk a little bit about the considerations there, what it would mean for merchants, for banks, for consumers, and also just what you all are seeing in terms of the use of both debit and credit cards in the payment system.

CHAIR POWELL. So you're right, we put a proposal out for comment is what we did. And this is a job that Congress assigned us as you, of course know, in Dodd-Frank, and all we can really do is faithfully implement the statute, that's all we're trying to do. What else can we really do? It's a 90-day comment period and we typically don't comment on these things once they're out for comment, and we do hope that stakeholders and we know that they will use this opportunity to express their views. They haven't been shy about that. So that's critical and that's what I can say about that now.

MICHELLE SMITH. Edward.

EDWARD LAWRENCE. Thank you, thanks Chair. Edward Lawrence with FOX Business. So for the last three months, the year over year PCE inflation was at 3.4 percent, core well over 3 percent. You've said in the past, 2 percent remains the Federal Reserve target, but with no rate increase today, how long would you be okay then with a 3 percent or 3 percent plus overall inflation?

CHAIR POWELL. The progress is probably going to come in lumps and be bumpy, but we're making progress. I think the core PCE came down by almost 60 basis points in the third quarter. So, the best thing I could point you to would be the September SEP where the expectation was that inflation by the end of next year, on a 12-month trailing basis, would be well into the twos. And the year after that, further into the twos. So that's, if you look historically, that's sort of consistent with the way inflation comes down. It does take some time and as you get, as you get further and further from those highs, it may actually take longer time. But the good news is, we're making progress and monetary policy is restrictive and we feel like we're on a path to make more progress and it's essential that we do.

EDWARD LAWRENCE. But you've said in the past that doing too little on interest rates could take years to fix, but the cost of doing too much could be easily fixed. How robust was the debate about this pause on the doing too little side?

CHAIR POWELL. That's always the question we're asking ourselves. And we know that if we fail to restore price stability, the risk is that expectations of higher inflation get entrenched in the economy and we know that that's really bad for people. Inflation will be both higher and more volatile, that's a prescription for misery, and so we're really committed to not letting that

happen. For the first year or so of our tightening cycle, the risk was all on the side of not doing enough. We're, we've come far enough that the risks have gotten more two-sided. You can't identify that with a lot of precision but it does feel like the risks are more two-sided now. And, but we're committed to getting inflation back down to our target over time and we will.

MICHELLE SMITH. Simon.

SIMON RABINOVICH. Hi, Simon Rabinovitch with The Economist. Quick follow-up to the question about banking stresses. You talked about how the banking system is resilient, of course part of resilience the past year stems from the bank term funding program that you launched in March. Given that bond prices have not recovered, that unrealized losses are probably mounting, how likely is it that you might have to extend that program in March next year?

CHAIR POWELL. Good question, we haven't really, we haven't really been thinking about that yet. We, it's November 1, and that's a decision we'll be making in the first quarter of next year.

SIMON RABINOVICH. Okay, sorry, quick second question about inflation expectations, the U Michigan Sentiment Survey showed a big jump in one year ahead inflation expectations last month from 3.2 to 4.2. Last year you said that particular survey was a really decisive factor in one of your rate hike decisions, if it stays elevated next time around, how big of an input will that be into your December thinking?

CHAIR POWELL. Yeah, we look at a range of things, I think the UM thing got blown out of proportion a little bit, it was actually a preliminary estimate that got revised away, and I said it was preliminary in it, but that didn't get picked up. So, we look at many, many things, so

really, look across the broad array of surveys and also market based estimates, and we do that really carefully at every meeting and between meetings, and there's, it's just clear that inflation expectations are in a good place, the public does believe that inflation will get back down to 2 percent over time, and it will, they're right. So, and there's no real crack in that armor, you can always find one reading that is a little bit out of whack but honestly, the bulk of them are just very clear that the public believes that inflation will come down and that's of course, we believe that's critical in winning the battle.

MICHELLE SMITH. Megan.

MEGAN CASSELLA. Hi Chair Powell, Megan Cassella with Barron's. Thanks for taking our questions. I wanted to see if you could talk about the neutral rate. You mentioned today that you're still debating whether rates are sufficiently restrictive and you've recently said that evidence is suggesting policy is not too tight right now. So I was curious if you could elaborate on that at all and whether that means the neutral rate in your view has risen.

CHAIR POWELL. Yeah, so first thing to say is that it's very important, it's a very important variable in the way we think about monetary policy, but you can't identify it with any precision in real-time. And we know that. So, you have to just take that, you have to take your estimate of it with a grain of salt. What we know now is within a range of estimates of the neutral rate policy, is restrictive, and it's therefore putting downward pressure on economic activity, hiring, and inflation. So we do talk about this, there's not any debate or attempt to sort of agree as a group on what, whether  $r^*$  has moved or not, some people think it has, some people haven't said, that don't think it has. Ultimately it's unknowable, and so really again, what we're focused on is looking at the data and giving ourselves a little more time now to look carefully at the data by being careful in our moves, does it feel like monetary policy is restrictive enough to

bring inflation down to 2 percent over time? That's the question we're asking ourselves. I think years from now economists will be revising their estimates of  $r^*$  as it existed on November 1, 2023. You can't, we can't really wait for that in making policy. We have to look, we have to have those models and look at them and think about them and ultimately we've got to look at the effects that policy is having, accounting for the lags, which makes it difficult.

MEGAN CASSELLA. If I could follow-up on a wages point. Earlier you talked about the inflation outlook, but I'm curious if you have any concerns whether wage inflation at its current level could be, could risk pushing up overall inflation or re-accelerate inflation?

CHAIR POWELL. So if you look at the broad range of wages, they have, wage increases have really come down significantly over the course of the last 18 months to a level where they're substantially closer to that level that would be consistent with 2 percent inflation over time, making standard assumptions about productivity over time. So it's much closer than it was. And that's true of the ECI, which is the one that we got this week, it's true of average hourly earnings and compensation per hour too. So, and all of them are kind of saying that, which is great. And you have to look at a group of them because any one of them can be idiosyncratic from, in any given reading. So that's what you see. And so what you saw with the ECI reading was if you look back a couple, it comes out four times a year, if you look back a couple of quarters, you'll see it was much higher and it came down substantially in June, and then September reading was more or less at the same level as the June reading, so in a way, it's just validating that decline, and it was very close to our expectations internally too. So, I think we feel good about that. Also I would say it isn't, in my thinking, it's not the case that wages have been the principle driver of inflation so far, although I think it's all, I do think it's fair to say that as we go forward, as monetary policy becomes more important relative to the supply side issues

I've talked about in the unwinding of the pandemic effects, it may be that the labor market becomes more important over time too.

MICHELLE SMITH. Nancy.

NANCY MARSHALL-GENZER. Hi, Nancy Marshall-Genzer with Marketplace. Chair Powell, are you now as concerned about overshooting and raising interest rates too much as you are about getting inflation down to the 2 percent target?

CHAIR POWELL. So as I mentioned, I think for much of the last year and a half, the concern was not doing too-- not doing enough, it was not getting rates high enough in time to avoid having inflation expectations, higher inflation expectations become entrenched, so that was the concern. I think we've reached now more than 18 months into this, you can see by the fact that we have slowed down, although we're still trying to gain confidence in what the appropriate stance is. But you can see that, we think, and I think, that the risks are getting more balanced. I'll just say that, they're getting more balanced. The risk of doing too much versus the risk of doing too little are getting closer to balance, because policy is I think clearly restrictive at 5-1/4 to 5-1/2 percent, that range, if you take off a mainstream estimate of the expected inflation, take one year inflation, you're going to see that you're going to see a real policy rate that is well above mainstream estimates of a neutral policy rate. Now that's arithmetic, it doesn't really, the proof is really in how the economy reacts, but I would say that we're in a place where those risks are getting closer to being in balance.

NANCY MARSHALL-GENZER. Okay, and you said the proof is how the economy reacts. What are you looking at to be sure you're not overshooting?

CHAIR POWELL. Well, I think what we're looking at is are we still, is inflation still broadly cooling? Do we, is it sort of validating the path we saw over the summer, where inflation was clearly cooling and coming down. Now we've seen periods like that before, and they've just, there hasn't been follow through, the data have bounced back. So, what are we seeing? Are we seeing, is inflation still coming down? So that's the first thing. The second thing is in the labor market, what we've seen is a very positive rebalancing of supply and demand, partly through just much more supply coming online and with labor demand still clearly remaining very strong, when you have the kind of job growth we've had over the last quarter, it's still very strong demand. So and you see wage increases coming down as we discussed, but coming down in a kind of gradual way. I think that's what we, that's what we want to see, that whole set of processes continue.

MICHELLE SMITH. Bryan.

BRYAN MENA. Bryan Mena, CNN. Do you think that there has been any structural change in either consumption or in the job market that's pushing at consumption? You obviously saw the third quarter GDP figures, which were strong and some economists have expect everyone's spending to have fizzled out by now, so I'm kind of wondering if there's been any structural change in consumption.

CHAIR POWELL. I wouldn't say there's been a structural change in consumption, I would say it's certainly been strong, and so a couple of things, we may have underestimated the balance sheet strength of households and small businesses, and that may be part of it. There may be, we've been like everyone else, trying to estimate the number of the amount of savings that households have from the pandemic when they couldn't spend on services really at all, or in-person services. And there can still be more of that than we think, although at a certain point we



have to, we're going to be getting back to pre-pandemic levels of savings. We may not be there yet. So things are, for clearly people are still spending. The dynamic has been really strong job creation with now wages that are higher than inflation, in the aggregate anyway, and that raises real disposable income, and that raises spending, which continues to drive more hiring, and so you've had a really, that whole dynamic has been, and also at the same time, the pandemic effects are wearing off so that goods availability, automobile availability is better, or was better, I think it still is, and from a business standpoint, there are more people to hire. And it is more labor supply. So the whole thing has led to more growth, more spending, and that kind of thing. And It's been good, and the thing is, we've been achieving progress on inflation in the middle of this. So, it's been a dynamic, the question is how long can that continue? And I just think this, the existence of this second set of factors at this time, which is the unwinding of the pandemic effects, that's what makes this cycle unique I think, and we're still learning, that took longer for that process to begin than we thought, and we're still learning about how it plays out. That's all we can do.

MICHELLE SMITH. Let's go to Daniel for the last question.

DANIEL AVIS. Thank you, Chair Powell. I'm Daniel Avis from Agence France-Presse. Just a quick question following up on an earlier one with regards to the Israel-Hamas conflict. The Fed's *Financial Stability Report* said the Israel-Hamas conflict and the conflict in Ukraine pose important risks to global economic activity, including the possibility of sustained disruptions to regional trade and food, energy and other commodities. You've had organizations at the World Bank warning of a possibly surge in oil prices if the war spreads to other countries in the region. I'm just wondering how the Fed is monitoring these developments in the Middle

East, you mentioned they are, and just what the potential economic impact could be if the conflict does spread to other countries in the region. Thank you.

CHAIR POWELL. I wouldn't want to speculate too much, but I'll just say so, really the question there is does the war spread more widely and does it start to do things like affect oil prices in particular, since this is the Middle East we're talking about. The price of oil has really not reacted very much so far to this. As the Fed, as the Federal Open Market Committee, our job is really to talk about, to understand the economy and economic effects and it isn't clear at this point that the conflict in the Middle East is going to, is on track to have significant economic effects. That doesn't mean it isn't incredibly important, and something for people to take really important notice of, but it may or may not turn out to be something that matters for the Federal Open Market Committee as an economic body. But, so what the *Financial Stability Report* does is it calls out risks and that's what it's doing is calling out a risk of that. And the war in Ukraine, the same. The war in Ukraine did have immediately very significant macroeconomic implications because of the connection to commodities. So, thank you. Thanks very much.