# Focus

**Feature Article** 

**Our Thoughts** 

## Why Is Employment Still So Strong?

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## Enter Sandman & Co.



**Douglas Porter, CFA** Chief Economist douglas.porter@bmo.com

After a strong start to the year, **markets took a step back this week** and bond yields sagged further on renewed doubts over the growth outlook. A particularly soggy U.S. retail sales result in December was the showpiece event, reinforced by a drop in industrial output and some weak regional Fed surveys. And while headline inflation is encouragingly moderating in many major economies—even core trends may be topping out in Canada—oil prices spent most of the week grinding back above \$80. Meantime, China's Q4 GDP came in a bit better than expected, but growth for the full year was soft at 3.0%, the first time in decades that it grew more slowly than the global economy. That result was overshadowed by news that China's population dropped last year for the first time since the Great Leap Forward (1961).

But pulling all these various strands together doesn't require guidance from the World Economic Forum in Davos—one only needs to consider 13 headlines from a single copy of the Wall Street Journal to properly analyze all the key trends in the global economy in 2023. From Thursday's version:

**1)** *"Retail Sales Post Biggest Drop of 2022. U.S. retail spending fell in December at the sharpest pace of 2022, marking a dismal end to the holiday shopping season as rising interest rates, still-high inflation and concerns about a slowing economy pinched consumers."* The 1.1% drop was much deeper than expected and followed a 1.0% setback in November. However, there are **three things to note** before assuming the consumer is going into a tailspin. First, goods prices also fell 1.1% in the month, so volumes were nowhere near as weak. Second, consumers continue to shift spending away from goods and towards services, so retail sales will underperform overall spending for some time yet. Third, seasonal adjustment factors may not be keeping up with the reality of shifting spending patterns, which are now seeing less emphasis on outlays in December. Even so...

**2)** *"Bond Rally Intensifies on Japan Policy. The 2023 rally in U.S. Treasurys picked up new momentum after the Bank of Japan maintained its cap on bond yields while new data pointed to a further slowdown in U.S. inflation and economic activity."* The BoJ's move got the ball rolling, but the trio of retail, production, and PPI reports sent yields really skidding mid-week to below 3.4% for the first time since early September —when the Fed funds rate was 200 bps lower than today. Even with some back-up later in the week, 10-year yields are still under 3.5%, down roughly 40 bps since the start of the year. Adding to the downdraft in yields...

**3)** *"Microsoft To Lay Off 10,000, Cites Shaky Economy."* The article goes on to note that this will be the company's largest layoff in more than eight years and follows a string of cuts from other tech companies. On cue, Alphabet announced a big reduction soon after. Of course, this wave of notices has not been reflected in the macro data— a topic explored in greater detail in this week's Focus Feature—and highlighted by the plunge in the latest initial jobless claims to a mere 190,000. Still, the wave of tech job cuts and the commentary surrounding the moves has reinforced the downbeat view on the broader economy through 2023. Even so...

**4)** *"U.S. Accountant Shortage Has Firms Looking Overseas."* In the here and now, the job market is still incredibly tight, despite the announced reductions. The article notes that the shortage of accountants is prompting small- and medium-sized firms

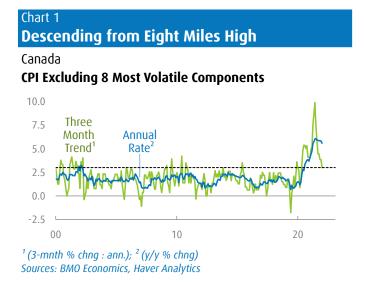
to look abroad for help for the first time, a practice larger firms have been engaged in for years. Reportedly, more than 300,000 accountants or auditors have left the field in just the past two years. Naturally, the shortage is putting upward pressure on prices—the cost of an audit for non-profits has risen from \$3,000 to \$10,000, according to one small firm. And, in another sign that inflation may prove stickier...

**5)** *"Florida's Orange Crop is Smallest in Decades, hit by Weather, Disease."* In just another example of how nothing seems to go right for food price inflation, Florida reportedly had its smallest orange crop in 90 years and less than half the size of last year's output. Juice futures are roughly double levels from two years ago. But, more importantly...

**6)** *"Oil Demand Seen Hitting Record in 2023."* Despite high prices and even with efforts to decarbonize, global oil demand is expected to rise by 1.9 million barrels per day this year, according to the IEA. The group has bumped up its forecast by 200,000 due to China's rapid reopening. Of course, that's not the only sector that is affected...

**7)** *"Luxury Brands Start to See Signs of Recovery in China."* The world's largest market for luxury goods prior to the pandemic has seen weak demand due to various disruptions in recent years. However, Bain & Co. expect that Chinese consumers will return to accounting for one-third, or more, of global luxury spending, after sagging to around 18% last year. But the comeback in spending from China's consumers won't drive all commodities...

**8)** *"Lower Aluminum Prices Punish Alcoa."* Even with some commodities reviving in 2023, the bigger picture is that a broad measure of resource prices is almost precisely unchanged from year-ago levels. And, year-ago comparisons in commodities, and consumer inflation, are about to get a whole lot more friendly, since oil and food prices spiked in the wake of Russia's invasion on February 24, 2022. So, expect a lot more headlines like this...



*9) "U.K. Inflation Slows for 2<sup>nd</sup> Month."* Inflation in Britain only backed off a couple ticks to 10.5%, but Canada printed a much bigger drop (6.3% from 6.8%), and the Euro Area confirmed its rate fell almost a full point to 9.2% in December. Perhaps more encouragingly, underlying trends in core inflation are slowing thanks to improved supply chains and cooling demand for goods. As a prime example, appliance prices saw their biggest monthly drop (down 4.1%) on record in Canada. In turn, this has clipped one measure of core inflation to just a 3% annualized pace in the past three months (*Chart 1*); note that this CPIX measure excludes mortgage costs, which have been rocketing. Even so, the mood at Davos was one of concern...

**10)** *"Leaders Fret About the Fragmenting Global Economy."* Yes, we had to work in a comment from the WEF. While some were a bit more upbeat because of calmer energy costs and the reopening in China, geopolitical frictions, rising protectionism, and *"technology decoupling"* were seen by some leaders as new risks. Meantime, back in North America...

**11)** *"Businesses Pessimistic On Growth Outlook."* The latest Beige Book found that half of the regional districts reported flat or weaker activity at the start of the year. Importantly, many also noted a slowing in consumer price increases. Accordingly...

**12)** *"Two Fed Officials Back Quarter-Point Rise."* Cooler growth and milder inflation have all but locked in a 25 bp rate hike at the February 1 FOMC meeting. We look for a follow-up 25-bp hike at the March meeting, and then a long pause. Some Fed officials are still pushing for a somewhat more aggressive move, taking overnight rates above 5%, but we and markets are now doubting the Fed will quite get there. The Bank of Canada is also expected to deliver a 25 bp hike next week, although that is likely to be the last hike of the cycle—assuming inflation continues on its recent trajectory. And, one always needs to prepare for surprises...

#### 13) "Alexa, That Isn't Elvis! Music Shuffle Irks Amazon Prime Users."

One surprise that no one in financial markets wants to deal with this year is on **the debt ceiling**, but it appears that we are hurtling toward some kind of self-inflicted crisis on that front. (The debt ceiling was notable by its absence from this particular issue of the Journal, which is odd given how overwhelming this topic has become in recent weeks.) Treasury Secretary Yellen announced this week that the \$31.4 trillion ceiling has been hit, and extraordinary measures are now being taken to avoid a default. This has been par for the course for the past decade, as both sides take some steps to ultimately work towards a deal before hitting the true wall. What's different this time is the political backdrop, including a hard-core group in the House looking for big spending cuts, and a weakened Speaker, paired with a Senate that likely has little appetite for serious restraint, and a White House that declares it is not going to negotiate. What could possibly go wrong?

This isn't the market's first debt ceiling rodeo, and it is so far mostly looking past the coming tempest. The 2011 showdown led to a deep dive in equities and Treasury yields that summer, and saw S&P downgrade the U.S. credit rating as a result of the nearmiss episode. Ten-year yields plummeted 142 bps (from 3.22% to 1.80%) in the three months from the start of July to the start of October that year, while the S&P 500 fell by almost 20% over the same stretch. One would suppose that such a lesson from the past would chasten the current crop of politicians—and one would apparently be wrong on that score. Frankly, there's only so much an economist can say about the debt ceiling dance, as the economy and markets are innocent bystanders to the **political game of chicken**.

#### **America's December Doldrums**



Michael Gregory, CFA Deputy Chief Economist michael.gregory@bmo.com

Last month was not kind to many parts of the U.S. economy. Data released this week showed key sectors recording at least back-to-back declines in activity to end 2022.

**Retail sales** slid 1.1% in December after sliding 1.0% in November. Some weakness reflected lower prices (e.g., gasoline, discounting owing to elevated retailer inventories). Some reflected lower spending volumes as consumers pulled back in the face of high inflation (purchasing power erosion) and higher loan costs. And, this pullback happened despite continued employment gains and tapping of excess savings, which smacks of a bit of 'battening down the hatches' ahead of rough economic seas. Note that since data began in 1967, such a massive two-month drop

(-2.1%) has only occurred around U.S recessions, aside from some false signals during the mid-1980s.

**Industrial production** dropped 0.8% in December after falling 0.6% in November. Manufacturing output (more than 70% of the total) plunged 1.3% in a broad-based fashion after slumping 1.1%. Since 1960, such a two-month decline (-2.3%) has only happened when the U.S. economy has been in a recession (with no false signals). This report followed last week's release on the ISM Manufacturing PMI, in which December's index followed November's figure under the 50 level, meaning the factory sector was contracting. The ISM folks reckon that a reading above 48.7 is still consistent with expansion in the broader economy. December's PMI was 48.4, down from 49.0 in November, and slightly below the threshold (which would be consistent with real GDP decreasing at a -0.1% annualized rate).

And how's the manufacturing sector doing so far in January? The headline index of the **New York Fed's Empire State factory survey** was -32.9, down from December's -11.2. Recast on an ISM basis, the index was 45.5, down from 52.1. The marquee metric of the **Philadelphia Fed's manufacturing survey** was -8.9, not as bad as December's -13.7. Again, recast on an ISM basis, the index was 49.2, up from 46.1, but still registered a fifth consecutive sub-50 reading. So far, it appears that manufacturing's downturn continued if not deepened in January.

**Housing starts** slipped 1.4% in December to 1.382 million units annualized, falling for the fourth consecutive month. **Building permits** moved down for the third month in a row, by 1.6% to 1.330 million. With permits running slower than starts, the prospects are for a further slip in the latter. Meanwhile, in December, home builders were the most pessimistic in more than a decade apart from April 2020, but they were less so in January. Released this week, the **NAHB Housing Market Index** increased to 35 from 31 in December. Although the share of home builders responding that business is 'good' moved up a bit, there's still 65% of them calling it 'bad'.

There was one other interesting factoid in December's report on new residential construction: there was a record number of homes under construction (1.712 million annualized). In past cycles, this would be indicative of a booming construction industry. This cycle, the backlog has more to do with supply chain disruptions and shortages of labour along with materials and components. You can't call home construction completed until the back-ordered windows and doors are delivered to the job site and then installed.

We're building fewer homes because we're selling fewer homes. And we're selling fewer homes because housing demand has collapsed under the double-weight of high mortgage rates and high home prices. Last October-November, 30-year borrowing costs hit 20-year highs above 7%. During the February-April period, the annual rates of home price appreciation (for the major repeat-sales metrics) hit record highs in the 19%-to-21% range. Mortgage rates have been slipping since and home price levels have fallen for the latest four months, but they both remain elevated by recent standards and are still causing some demand damage.

This week we got the latest assessment of that damage. **Existing home sales** fell 1.5% to 4.02 million units annualized, the lowest in more than a dozen years (including the pandemic bottom). This marks the 11<sup>th</sup> consecutive monthly decrease (how long

has the Fed been hiking rates for again?) for a cumulative decline of more than 38%. For single-family homes alone (with their longer history), only 1980 has seen such a collapse in demand over such an interval.

While we can talk at length about the recession signs popping up across the data landscape, there are none yet planted among the labour market data. Indeed, we ended 2022 with a 223k increase in payroll employment (a two-year low that's still historically high) and a record-high level of labour demand (payrolls plus job openings for November). Demand continues to exceed supply, applying upward pressure on wages and incomes. We ended 2022 with a 717k increase in household employment and an unemployment rate that matched the lowest (3.5%) in more than 53 years.

When the NBER, the official arbiter of recessions, goes about dating business cycles, they look at six key indicators. The most important is payroll employment (at a cycle high) and next is real personal income (excluding transfer receipts) which could set a new cycle high when December data are released next week. The others include household employment (also at a cycle high) along with real PCE (likely down in December), industrial production (see above) and the aggregation of real sales among manufacturers (also see above), retailers (ditto) and wholesalers. It seems that the missing ingredients for a recession are all rooted in the labour market. It's all about iobs now.

## **BoC Preview: Is This the End?**



**Benjamin Reitzes** Canadian Rates & Macro Strategist

**The Bank of Canada's January 25 meeting** will likely bring one final 25 bp rate hike, pushing policy rates up to 4.5%, matching the highest level over the past two decades. benjamin.reitzes@bmo.com With the overnight rate clearly in restrictive territory, the Bank will be more cautious with rate hikes going forward. However, with inflation still well above target, we anticipate that Governor Macklem and the Governing Council will leave the door open to further hikes just in case the data force their hand. There's an additional wrinkle with this meeting, as we'll get the summary of deliberations for the first time two weeks later. We break down the rationale for a hike into three arguments:

> 1) The fundamental argument: In the December policy announcement, the Bank stated that it "will be considering whether the policy interest rate needs to rise *further*", a change from deciding by how much to lift rates. Indeed, policymakers signalled the debate has shifted to whether to hike 25 bps or hold fast. Since the December meeting, we've seen two inflation reports, and both showed the BoC's core CPI measures holding above 5% y/y. There was some modest improvement in the short-term metrics (3-month annualized rate), but even those remained well above the 2% target. The small improvements are an encouraging sign that peak inflation is behind us, but aren't anywhere close to slow enough to have the BoC breathing easy.

> On the economic front, activity held up better than expected in the second half of 2022. Employment growth was solid, with December surging 100k for the second time in three months. The details weren't quite as strong, but we have yet to see any big cracks forming in the labour market or the economy. The latest Business Outlook Survey softened, but was still consistent with modest GDP growth. Momentum is slowing, but that's exactly what the BoC wants to see following 400 bps of rate hikes in 2022.

**2) The risk management argument:** Which way would the Bank of Canada rather miss with policy? Too tight, slowing the economy and inflation quickly, likely driving rate cuts a bit earlier and more aggressively? Or, too loose, allowing inflation to fester and risk losing control of inflation expectations? The BoC has a 2% inflation target, putting their bias squarely on overtightening. While the recent inflation news has been somewhat encouraging, there's no guarantee that the trend continues. Inflation risks remain on the upside, even if less so than a few months ago.

**3)** The market argument: Canadian bond yields have rallied aggressively since the start of the year, with everything 5-years and out trading through 3%. That suggests fixed mortgage rates will continue to pull back from the highs. The market is also pricing a series of rate cuts starting in the fall, contributing to an easing of financial conditions. If the BoC refrains from hiking at this meeting, that will only reinforce market expectations that rate cuts aren't too far off and we'll see even more easing priced in. While the BoC isn't overly occupied with the market, easier financial conditions work counter to the goal of dampening inflation pressure, and cannot be a welcome development.

The meeting will also feature a **Monetary Policy Report**. In October, the BoC was looking for softening economic growth into year-end and flat growth in H1, with the potential for a recession. Since then, Q4 GDP growth looks like it will get a modest upgrade to around 1%, while Q1 will be introduced at flat or a small positive. The overall economic picture is a bit better, but the BoC isn't likely to change its GDP forecast materially. On the inflation front, 2022Q4 averaged 6.7% y/y, 0.4 ppts below the October MPR forecast. Look for 2023Q1 to have a 5-handle, as the base effects are going to pull headline inflation down sharply through the first half of the year. Given the latter, expect the BoC to reinforce that it will pay more attention to core inflation trends over the coming months.

**Key Takeaways:** The fundamentals, risk management, and market moves are all signalling that another 25 bp rate hike is the prudent move. However, the Bank has had a tendency to surprise over the past year, so we cannot rule out a pause. No matter the outcome, we anticipate Governor Macklem will keep the door open to further rate hikes in case core inflation proves stickier than expected.

### **Upbeat? Me? Hardly.**



Jennifer Lee Senior Economist jennifer.lee@bmo.com An interesting exercise was to go back a few years to see what the hot topics were at the **World Economic Forum**. For example, in **2019**, there was a high absentee list. Then-President Trump stayed home to deal with the five-week government shutdown, then-PM May stayed home to deal with Brexit, and President Macron was handling the Yellow Vests. In **2020**, the coronavirus was spreading in China but the WHO said it was "*a bit too early*" to declare a global emergency. And Greta Thunberg made her first appearance, warning leaders that "*our house is still on fire*". In **2021**, as President Biden was in Week 1 of his new job as leader of the free world, the IMF's focus was on the "*race between a mutating virus and vaccines*". Then, in **2022**, discussion at the delayed gathering was all about Russia's invasion of Ukraine, inflation, central bank tightening, and China's slowdown.

That brings us to **2023**. There seems to be more optimism, mostly caused by the IMF's view that it will likely not downgrade growth for the fourth time. (Yes, the bar is low,

apparently.) And, Managing Director Kristalina Georgieva believes that global growth will "bottom out this year" and 2024 will be a year in which "we finally see the world economy on an upside". Perhaps she noted all the headlines as she inserted some caution on the final day of the Forum, warning that things weren't "fabulous" and to be "careful not to get" too upbeat.

Way ahead of you, Kristalina! This week's data out of **China** were not particularly encouraging. Although the economy managed to remain unchanged in Q4, real GDP clocked in its worst growth rate (3.0%) in 2022 since 1976. In Europe, the data were scarce, but one piece of good news was the big jump in German investor sentiment. The **ZEW Survey** landed in positive territory for the first time since the invasion. On the policy front, although it is looking increasingly likely that the Euro Area will escape a severe recession (watch the January PMIs next week to gauge how the year began), the **ECB** made it clear that it was not going to moderate its pace of rate hikes. President Lagarde said: "stay the course is my mantra for monetary policy *purposes*". In fact, according to the Minutes from the last meeting in December, a *"large number"* of policymakers voted for a 75 bp hike but some of them eventually "expressed their willingness" for the 50 bp'er, given the more hawkish wording... that "rates will still have to rise significantly at a steady pace to reach levels that are sufficiently restrictive". The **BoE** is also expected to raise rates 50 bps as core inflation was stuck at 6.3% last month, not far from a 30-year high, and wages grew at their fastest pace since data started being tracked in 1992. (It will be a tough sell, with consumer confidence at its third-lowest level since the mid-70s.)

So not to worry Kristalina. It is hard to imagine that anyone is getting too upbeat. Hopeful, yes, but not upbeat.

## Natural Gas Boom: Reaching an End?



Art Woo Senior Economist art.woo@bmo.com
This seems to be a rather remarkable question to be contemplating given Europe is still in the midst of an 'energy crisis'. Thanks to an unexpectedly mild winter thus far in the Northern Hemisphere, global natural gas prices have fallen below pre-Russian invasion levels. The European benchmark Title Transfer Facility (TTF) is currently trading at US\$17.50-20.00/mmbtu, well below the peak of nearly \$75.00 in August. Henry Hub—the North American benchmark—has dipped below US\$3.50/mmbtu in

First, there is **no guarantee that favourable temperatures will persist** for the rest of the winter, let alone the rest of the year. There is the possibility that the El Niño phenomenon could return in 2023, which could result in more volatile weather conditions (i.e., a hot summer in the Northern Hemisphere). Second, **China's abrupt decision to end its zero-COVID strategy** could lead to a major rebound in LNG demand this year. The IEA estimates that Chinese LNG imports contracted a hefty 20% (~20 bcm) in 2022 due to rolling COVID lockdowns, which made it much easier for Europe to purchase LNG and fill its storage facilities to healthy levels. And, lest we forget, Europe still depends on natural gas imports from Russia (via both pipelines and ships), which could drop to zero depending on Russian geopolitical strategy.

recent days, compared to an average of nearly \$9.00 in August. However, we do not

believe the natural gas market is headed for an imminent crash.

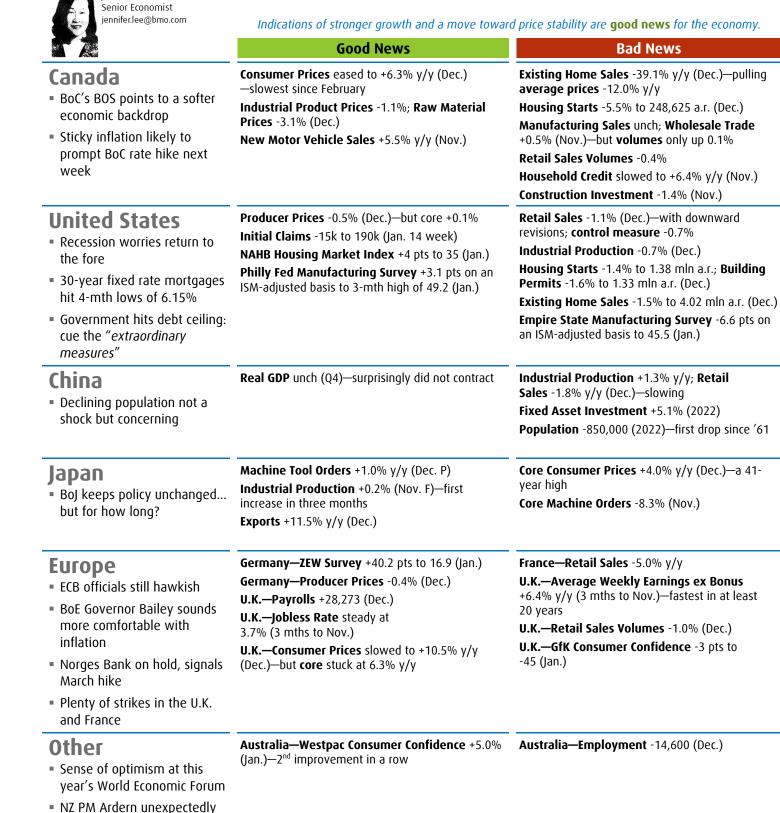
On the flip side, **Europe has made meaningful strides to reduce its consumption of natural gas**, which is estimated to have fallen around 10% (~50 bcm) in 2022.

The combination of fuel switching, demand destruction (e.g., energy-intensive industries like refining metals), an acceleration in renewable capacity additions, gains from efficiency/behavioral changes and ongoing economic weakness should lower consumption further this year. When it comes to supply, it bears mentioning that both the Netherlands and Germany were able to rather quickly build three floating LNG terminals, with the newest opening in the past week. This not only helps reduce Europe's dependence on Russian natural gas but should help prevent TTF from hitting last year's peaks again. Nonetheless, we still expect TTF to trade between \$15.00-30.00 this year, well above the pre-pandemic average of \$5.50 between 2015 and 2019.

Henry Hub may not mirror movements in Europe, but will nevertheless be influenced by overseas developments. **The U.S. has become a large net exporter of natural gas** and its producers are keen to take advantage of elevated global LNG prices, particularly in Europe and Asia. (Note that Asian LNG is trading above TTF, at US\$20.00-25.00/ mmbtu, which makes it more profitable for U.S producers to ship across the Pacific.) This process should be aided by the restart of the Freeport LNG terminal (15% of total U.S. LNG capacity) in the coming weeks, which has been offline since June to repair major fire damage. Further out, U.S. LNG capacity is set to expand by 50% in 2024-25 with the completion of three new terminals.

**Bottom Line:** While downside risks are mounting, thanks in no small part to Europe's efforts at adaptation in the energy crisis, we think it's too early to conclude that the natural gas boom is over. We are forecasting Henry Hub to eventually recover from current levels and average \$5.00 in 2023 and \$4.50 in 2024.

Jennifer Lee



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announces plan to resign

## Why Is Employment Still So Strong?

Although job growth has slowed from the rapid reopening pace, it remains much stronger than usual. **U.S. nonfarm payrolls** grew an average of 247,000 per month last quarter, still 30% above the decade norm before the pandemic (*Chart 1*). **Canadian employment** even sped up at year-end after shrinking last summer. What makes this buoyancy odd is that the economy appears to be slowing and businesses expect it to contract. This article tries to explain the puzzle and asks whether it reveals anything about the odds, timing and severity of a downturn.

Businesses have been eager to hire likely because they are still trying to **catch up with demand**. While employment surpassed pre-pandemic levels in late 2021 in Canada and last summer in the U.S., it still falls short of levels that would have been reached had it kept growing at prior rates. The estimated 'jobs gap' is nearly 4% in the U.S. (*Chart 2*) and under 1% in Canada. Much of it reflects the millions of retirees who are still spending but not working.

A second reason for robust hiring is that companies suspect the downturn will be shallow, a view shared by most economists. The Bank of Canada's business survey notes, "While most firms expect Canada to be in a recession within the next 12 months, the majority of those firms think it will be mild". In this event, hoarding or even adding staff likely makes sense to avoid scrambling for workers when the economy resumes growing. This mindset is ingrained given that openings have been so hard to fill for a while. To wit, the Fed's Beige Book says "Many firms hesitated to lay off employees even as demand for their goods and services slowed". We expect the jobless rate to peak at around 5% in the U.S. and 61/2% in Canada, levels that are still below three-decade means (5.7% and 7.6%) and peaks (6.3% and 8.1%) reached in the mild 2001 slump (Chart 3). So, filling positions could still be challenging after the storm passes.

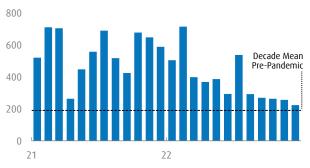
In addition, firms appear to be **adding staff simply to cover illnesses**. On average, 1.5 million American workers were off sick each month in the second half of 2022 (0.9% of total), compared with 1 million in the three



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#### Chart 1 Downshifting, But Not Down

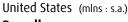
United States (m/m chng : 000s : s.a.) Payrolls Growth

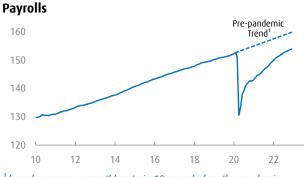


Sources: BMO Economics, Haver Analytics

#### Chart 2 Catching Up

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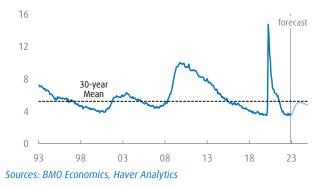




<sup>1</sup> based on average monthly rate in 10 years before the pandemic Sources: BMO Economics, Haver Analytics

# Chart 3 That Early '00s Show

United States (percent : s.a.) Unemployment Rate



years before the pandemic (*Chart 4*). This, along with a jump in part-time positions, helps explain the recent decline in U.S. work hours. Canada also experienced record rates of worker illness in 2022.

Can the current durability in labour markets inform about the odds, timing and severity of an expected downturn? To help answer this question, we looked at U.S. labour activity in the three months prior to the eleven recessions in the postwar period, apart from the abrupt pandemic-led one (*Table 1*). The upshot is that labour demand **usually slows before the onset of recession**. Household survey jobs even fell before nearly half of the downturns. One caveat is that none of the figures in the table are statistically significant at conventional levels, so the results do need to be taken with caution. Still, **job growth appears to moderate toward the end of a business cycle**, as one would expect when companies sense trouble and workers become harder to find.

The historical pattern of labour market weakness before a recession makes the current situation unusual for the reasons discussed above. In the U.S., payrolls have risen 0.16% on average in the past three months, just above the seven-decade mean. However, household survey jobs and work hours are weaker than usual, suggesting a softer underbelly than indicated by payrolls. In Canada, the household survey shows above-normal growth in jobs and work hours in the three months to December, while the less-timely establishment report shows sturdy job growth to October though soft work hours. Barring downward revisions to the data, **job markets appear to be doing better than is historically the case before a downturn.** And we haven't even considered the massive number of job openings.

#### Chart 4 **Unhealthy Trend**

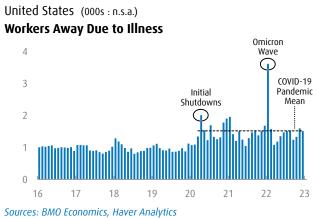


Table 1	-									
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U.S. Labour Demand Before Recessions										
(avg. % change in 3 months before start of recession)										
Household Index of A										
Recession	Payrolls	Employment	Work Hours							
1948	0.01 🔻	-0.02 🔻	n.a.							
1953	0.07 🔻	-0.02 🔻	n.a.							
1957	-0.01 🔻	-0.01 🔻	n.a.							
1960	0.33 🛆	0.32 🛆	n.a.							
1970	0.15 🛆	0.21 🛆	0.11 🔻							
1973	0.32 🛆	0.43 🛆	0.36 🛆							
1980	0.12 🔻	0.16 🛆	-0.14 🔻							
1981	0.12 🔻	-0.12 🔻	0.05 🔻							
1990	0.04 🔻	-0.01 🔻	-0.08 🔻							
2001	0.01 🔻	0.04 🔻	0.07 🔻							
2008	0.07 🔻	0.01 🔻	0.09 🔻							
OctDec. 2022	0.16 🛆	0.08 🔻	-0.08 🔻							
1948-2022 Mean	0.14	0.11	0.13 <sup>1</sup>							
$\triangle$ = above mean; $\mathbf{\nabla}$ =	· · · · · · · · · · · · · · · · · · ·		пеал							
Sources: BMO Economic	<u>cs, Haver Analy</u>	tics								

The stamina in labour markets suggests three things about a looming recession. First, it **might occur later than anticipated**. We currently expect the downturn to begin early this year, but it could be delayed for several quarters as the full weight of past monetary actions are felt. Second, its **severity could be tempered** if companies continue to hang onto staff, supporting wages, confidence, and spending. And third, it **could be averted entirely**, though likely only if inflation falls more quickly and leads to more accommodative financial conditions. We peg the odds of a soft landing at almost 1 in 3.

**Bottom Line:** Trying to catch up with elevated demand while facing worker shortages and illnesses, U.S. and Canadian businesses continue to hire in large numbers, raising hopes the recession will be averted or at least be mild. A less sanguine view, however, is that the buoyant labour market might only postpone the downturn, adding stickiness to wage and price growth and more rate hikes to an already aggressive tightening cycle—a situation that would likely not end well.

## Economic Forecast Summary for January 20, 2023

		2022			2023			Annual			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2021	2022	2023
% chng : a.r.)	2.8	3.2	2.9	0.6	-1.5	-1.8	0.0	1.5	5.0	3.5	0.0
(y/y % chng)	5.8	7.5	7.2	6.7	5.7	3.7 ↓	3.4 ↓	3.0 ↓	3.4	6.8	4.0 ↓
(percent)	5.8	5.1	5.2	5.1	5.4	5.9	6.2	6.4	7.4	5.3	6.0
(000s : a.r.)	243	270	281	259	245 <b>†</b>	235 <b>†</b>	223	218 ↓	274	263	230 🕇
(\$blns : a.r.)	3.7	10.6	-44.4	-40.0	-36.4	-36.4	-38.6	-40.6	-6.7	-17.5	-38.0
				(	average f	or the qu	arter : %)	)			
	0.33	1.17	2.75	3.92	4.50	4.50	4.50	4.50	0.25	2.04	4.50
	0.39	1.43	2.91	3.96	4.40	4.45	4.45	4.45	0.11	2.17	4.40
	1.92	2.98	3.01	3.16	3.15	3.25	3.15	3.05	1.36	2.77	3.15
ate Spreads				(ä	average fo	or the qua	rter : bps	5)			
	9	33	16	-22	-34	-39	-39	-39	7	9	-37
	-2	5	-10	-67	-53	-52	-51	-50	-8	-18	-52
% chng : a.r.)	-1.6	-0.6	3.2	2.0	-1.4	-2.0	0.0	0.5	5.9	2.0	0.0
(y/y % chng)	8.0	8.6	8.3	7.1	5.5	3.9	3.3	3.2	4.7	8.0	4.0
(percent)	3.8	3.6	3.5	3.6	3.7	4.3	4.8	5.1	5.4	3.6	4.5
(mlns : a.r.)	1.72	1.65	1.45	1.40	1.36 🕹	1.33 🕹	1.34	1.37	1.61	1.56	1.35 🕹
(\$trlns : a.r.)	-1.13	-0.95	-0.87	-0.87 🕇	-0.85 🕇	-0.85 🕇	-0.86 🕇	-0.87 🕇	-0.85	-0.96	-0.86 🕇
				(	average f	or the qu	arter : %)	)			
	0.21	0.96	2.63	3.79	4.63	4.88	4.88	4.88	0.13	1.90	4.81
	0.30	1.10	2.75	4.18	4.70	4.80	4.80	4.80	0.05	2.08	4.80
	1.94	2.93	3.10	3.83	3.70	3.75	3.65	3.55	1.44	2.95	3.65
					(average	e for the o	quarter)				
	79.0	78.4	76.6	73.7	74.1	75.0	75.8	76.6	79.8	76.9	75.4
	1.27	1.28	1.31	1.36	1.35	1.33	1.32	1.30	1.25	1.30	1.33
	116	130	138	141	130	129	129	128	110	131	129
	1.12	1.06	1.01	1.02	1.07	1.08	1.09	1.11	1.18	1.05	1.09
	1.34	1.26	1.18	1.17	1.23	1.24	1.25	1.27	1.38	1.24	1.25
	(y/y % chng) (percent) (000s : a.r.) (\$blns : a.r.) (\$blns : a.r.) (y/y % chng) (y/y % chng) (percent) (mlns : a.r.)	ا         2.8           (y/y % chng)         5.8           (percent)         5.8           (polos: a.r.)         2.43           (x)         3.7           (x)         3.7           (x)         3.7           (x)         3.7           (x)         3.7           (x)         3.7           (x)         1.92           (x)         1.12           (x)         1.92           (x)         1.92           (x)         1.93           (x)         1.93           (x)         1.94           (x)         1.94           (x)         1.94           (x)         1.94           (x)         1.94           (x)         1.94           (x)         1.	Q1Q2% chng : a.r.)2.83.2(y/y % chng)5.87.5(percent)5.85.1(000s : a.r.)243270(\$blns : a.r.)3.710.6(\$blns : a.r.)0.331.170.391.431.922.981.922.981.922.98331.922.98331.923.31.12(\$mage and	% chng : a.r.)2.83.22.9(y/y % chng)5.87.57.2(percent)5.85.15.2(000s : a.r.)243270281(\$blns : a.r.)3.710.6-44.40.331.172.750.391.432.911.922.983.011.922.983.01693316-25-1093316-25-1093.83.693.83.693.83.693.83.693.83.693.83.693.83.693.83.693.83.693.83.693.83.693.83.693.83.693.83.693.83.693.83.693.83.693.83.693.83.690.962.6390.911.4590.942.75978.476.61041301381161301381171.061.01	Q1       Q2       Q3       Q4         % chng : a.r.)       2.8       3.2       2.9       0.6         (y/y % chng)       5.8       7.5       7.2       6.7         (percent)       5.8       5.1       5.2       5.1         (000s : a.r.)       243       270       281       259         (\$blns : a.r.)       3.7       10.6       -44.4       -40.0         0.33       1.17       2.75       3.92       -         (\$blns : a.r.)       3.7       10.6       -44.4       3.96         0.39       1.43       2.91       3.92       -         1.92       2.98       3.01       3.16       -         1.92       2.98       3.01       -       -         9       33       16       -       -       -         9       33       16       -       -       -       -         9       33       16       - <td>Q1Q2Q3Q4Q110 chan3.22.90.61.1.5(y/ w chan)5.87.57.26.75.7(percen)5.85.15.25.15.4(000s : a.1)2.43270281259245 f(\$blns : a.r.)3.710.6-44.4-40.0-36.4(\$blns : a.r.)3.710.6-44.4-40.0-36.40.331.172.753.924.50-36.41.922.983.013.163.15-36.41.922.983.013.16-22-341.922.983.01-67-53-671.925.5-10-67-53-671.925.5-10-67-53-671.945.5-10-675.5-671.945.5-10-675.5-671.945.5-10-675.5-671.945.5-10-675.5-671.951.651.451.401.36-671.945.5-1.651.45-6.7-6.851.95-1.651.451.401.36-6.851.945.9-0.871.65-6.87-6.851.95-1.651.45-1.40-6.85-6.751.95-1.45-1.45-1.45-6.85-6.751.940.962.633.794</td> <td>Q1Q2Q3Q4Q1Q2% chng : a.r.)2.83.22.90.6-1.5-1.8(y/y % 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Blocked areas mark BMO Capital Markets forecasts; up and down arrows ( *† ↓*) indicate forecast changes; spreads may differ due to rounding

## Canada

#### **BoC Policy Announcement** and Monetary Policy Report Wednesday, 10:00 am Press conference at 11:00 am

## **United States**

#### Real GDP

Thursday, 8	Thursday, 8:30 am									
	Real	GDP								
	Deflator									
Q4 A (e)	+2.0% a.r.	+3.5% a.r.								
Consensus	+2.6% a.r.	+3.2% а.г.								
Q3	+3.2% a.r.	+4.4% a.r.								

#### **Durable Goods Orders**

Thursday, 8	:30 am	
	Durable	Core
	Orders	Orders
Dec. (e)	+3.2%	-0.1%
Consensus	+2.9%	-0.2%
Nov.	-2.1%	+0.1%

#### Personal Spending & Income

	- openoing	,
Friday, 8:30	) am	
	Personal	Personal
	Spending	Income
Dec. (e)	-0.3%	+0.3%
Consensus	-0.1%	+0.2%
Nov.	+0.1%	+0.4%
	Core PCE Pr	ice Index
Dec. (e)	+0.3%	+4.4% y/y
Consensus	+0.3%	+4.4% y/y
Nov.	+0.2%	+4.7% y/y

See Benjamin Reitzes' Thought on page 6.

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Sal Guatieri Senior Economist sal.guatieri@bmo.com

Growth in the U.S. economy looks to have downshifted to a 2.0% annual rate in Q4 from 3.2% in Q3 as the thrust of rapidly rising prices and loan costs, coupled with shrinking wealth, begins to overwhelm support provided by excess savings and sturdy labour markets. A big reversal in exports, a further plunge in home building, and slower business spending will likely contribute to the downshift. By contrast, an early start to the holiday shopping season (spurred by aggressive retail discounting) should see consumer spending rise 3.0%, the most in a year. But the discounts also pulled spending forward, with the latest retail sales results indicating that consumers went into partial hibernation at year-end. Despite the expected decent advance for the economy, waning momentum through the guarter raises the risk of an outright contraction in Q1.

Lifted by soaring Boeing bookings, **durable goods orders** are expected to grow 3.2% in December. The aircraft manufacturer reported 250 new orders, the highest in exactly five years. (Note that December is traditionally the strongest month of the year, but this hasn't been the case since 2019 owing to the grounding of the 737 Max 8 and the pandemic.) Excluding the transportation sector (and its likely slip in automotive orders), durable goods bookings probably dipped 0.1% with roughly the same for core orders. Recession concerns are slightly trumping the support for capex arising from labour constraints and still decent corporate balance sheets.

Consumers are spending less owing to high inflation and higher borrowing costs, and outlays would be even weaker if not for ongoing job gains and the tapping of excess savings. **Personal consumption expenditures** (PCE) are expected to drop 0.3% in December as a rise in services can't offset a fall in goods (recall the retail sales 'control' metric decreased 0.7%). With PCE prices inching down 0.1%, real spending dipped 0.2%, after a flat November and sturdy 0.5% outcome for October. Momentum was slowing meaningfully through the turn of the year.

Meantime, personal income probably increased 0.3% in December, reflecting slower growing average hourly earnings and a second straight ebb in hours worked but sturdy gains in both payroll and household employment. With positive income and negative spending, the personal saving rate should jump to 3.0% from 2.4% in November, which is still less than half the pre-pandemic norm. This means consumers were still tapping their remaining \$1.6 trillion of excess savings to help counter price and interest



**Beniamin Reitzes** Canadian Rates & Macro Strategist benjamin.reitzes@bmo.com rate hikes. (Excess savings peaked at \$2.4 trillion in December before the dawn of drawdowns.)

The **core PCE price index** should increase 0.3%, pulling down the core inflation rate by three-tenths to 4.4% y/y and a 14-month low. Markets will be focusing on Fed Chair Powell's new inflation fave, the core services ex-housing metric. In November, its annual change was 4.3%, just under the midpoint of the 4%-to-5% range of the past 20 months. We anticipate another range-bound result for December, albeit slower by a tenth or two. While low/mid-4% inflation readings are good news given where we were, this is still double the Fed's target.

## Financial Markets Update for January 20, 2023

		Jan 20 <sup>1</sup>	Jan 13	Week Ago	<b>4 Weeks Ago</b> (basis point change	<b>Dec 31, 2022</b>
Canadian	Call Money	4.25	4.25	0	0	0
Money Market	Prime Rate	6.45	6.45	0	0	0
U.S. Money	Fed Funds (effective)	4.50	4.50	0	0	0
Market	Prime Rate	7.50	7.50	0	0	0
3-Month Rates	Canada	4.37	4.34	3	17	14
	United States	4.64	4.57	7	36	30
	Japan	-0.17	-0.17	-1	1	0
	United Kingdom	3.94	3.98	-4	13	6
	Australia	3.27	3.31	-4	5	1
2-Year Bonds	Canada	3.59	3.66	-7	-34	-46
	United States	4.17	4.24	-6	-15	-25
10-Year Bonds	Canada	2.85	2.90	-5	-32	-45
	United States	3.47	3.51	-3	-28	-41
	Japan	0.38	0.50	-13	0	-4
	Germany	2.16	2.17	0	-23	-40
	United Kingdom	3.33	3.36	-3	-30	-33
	Australia	3.40	3.59	-19	-43	-65
Risk Indicators	VIX	19.7	18.4	1.4 pts	-1.2 pts	-2.0 pts
	Inv. Grade CDS Spread <sup>2</sup>	76	71	4	-5	-6
	High Yield CDS Spread $^{2}$	458	426	32	-19	-26
					(percent change)	
Currencies	US¢/C\$	74.49	74.65	-0.2	1.3	1.0
	C\$/US\$	1.342	1.340	-	_	_
	¥/US\$	129.98	127.87	1.7	-2.2	-0.9
	US\$/€	1.0824	1.0830	-0.1	1.9	1.1
	US\$/£	1.238	1.223	1.2	2.7	2.4
	US¢/A\$	69.46	69.68	-0.3	3.3	2.0
Commodities	CRB Futures Index	276.62	275.91	0.3	-0.5	-0.4
	Oil (generic contract)	80.40	79.86	0.7	1.1	0.2
	Natural Gas (generic contract)	3.32	3.42	-2.8	-34.6	-25.8
	Gold (spot price)	1,925.95	1,920.23	0.3	7.1	5.6
Equities	S&P/TSX Composite	20,392	20,360	0.2	4.5	5.2
·	S&P 500	3,922	3,999	-1.9	2.0	2.1
	Nasdaq	10,955	11,079	-1.1	4.4	4.7
	Dow Jones Industrial	33,060	34,303	-3.6	-0.4	-0.3
	Nikkei	26,554	26,120	1.7	1.2	1.8
	Frankfurt DAX	15,006	15,087	-0.5	7.6	7.8
	London FT100	7,766	7,844	-1.0	3.9	4.2
	France CAC40	6,989	7,024	-0.5	7.4	8.0
	S&P ASX 200	7,452	7,328	1.7	4.8	5.9
	$^{2}$ = One day delay	,	,			

## Global Calendar — January 23–January 27

Monday Janı	Jary 23 Tuesday January 24	Wednesday January 25	Thursday January 26	Friday January 27
Japan	Manufacturing PMIJan. PDec.48.9Services PMIJan. PDec.51.1Composite PMIJan. PDec.49.7Department Store SalesDec.Nov.+4.5% y/y		Machine Tool Orders           Dec. F (e)         +1.0% y/y           Nov.         -7.7% y/y	Tokyo CPI         Core CPI           Jan. (e)         +4.0% y/y         +4.2% y/y           Dec.         +3.9% y/y         +3.9% y/y           CPI Ex. Food & Energy         Jan. (e)         +2.9% y/y           Dec.         +2.7% y/y
EUROAI Consumer Confidence Jan. P (e) -20.0 Dec22.2		G E R M A N Y ifo Business Climate Jan. (e) 90.3 Dec. 88.6	ITALY Consumer Confidence Jan. (e) 102.5 Dec. 102.5	EURO AREAPrivate Sector CreditDec.Nov.+6.3% y/yGERMANYRetail SalesDec.Nov5.1% y/yFRANCEConsumer ConfidenceJan. (e)83Dec.82
U.K.	PMI         Mfg.         Svcs.         Comp.           Jan. P (e)         45.4         49.7         49.0           Dec.         45.3         49.9         49.0	Producer Price Index (Output) Dec. Nov. Oct. +0.9% +17.1% y/y		
Other	A U S T R A L I A NAB Business Confidence Dec. Nov4	A U S T R A LI A           Consumer Price Index           Q4 (e)         +1.6%         +7.5% y/y           Q3         +1.8%         +7.3% y/y           N E W         Z E A L A N D         Consumer Price Index           Q4 (e)         +1.4%         +7.1% y/y           Q3         +2.2%         +7.2% y/y		

<sup>D</sup> = date approximate

Upcoming Policy Meetings | Bank of England: Feb. 2, Mar. 23, May 11 | European Central Bank: Feb. 2, Mar. 16, May 4

#### North American Calendar — January 23-January 27

8:30 am Dec. (e) Nov.	<b>New Housing Price Index</b> -0.2% +3.7% у/у -0.2% +4.1% у/у		Cash management bond buybacks \$0.5 bln	8:30 am Dec. A Nov. 10:00 am 11:00 am	Manufacturing Sales unch BoC Policy Announcement and Monetary Policy Report BoC Governor Macklem and Deputy Governor Rogers hold press	8:30 am 8:30 am Dec. A Nov. Noon 10-year b	Wholesale +0.5% 30-year bone \$1.5 bln	l Hours (Nov.) Trade	Ottawa's B Nov. <b>'22</b> Nov. '21	udget Balar -\$1.4 bln	nce <sup>0</sup>
<b>Set 10:00 am</b> <b>Dec. (e)</b> Nov. 111:30 am	- <b>0.7%</b> <sup>c</sup> -1.0%	<b>10:00 am</b> Jan. (e) Dec. 11:30 am	S&P Global PMIs (Jan. P) Richmond Fed Manufacturing Index -5 <sup>c</sup> 1 52-week bill auction \$34 bln 2-year note auction \$42 bln	<b>7:00 am</b> <b>Jan. 20</b> Jan. 13 11:30 am 1:00 pm	MBA Mortgage Apps +27.9% 2-year FRN auction \$24 bln 5-year note auction \$43 bln	Q3 8:30 am Dec. (e) Consensus Nov. 8:30 am Dec. A (e) Nov. 8:30 am 8:30 am Jan. 21 (e) Jan. 14 8:30 am Jan. 14 (e) Jan. 7 10:00 am Dec. (e) Consensus Nov.	Real GDP +2.0% a.r. +2.6% a.r. +3.2% a.r. Durable Orders +3.2% +2.9% -2.1% Goods Trad \$88.5 bln <sup>c</sup> \$82.9 bln Wholesale Inventories Chicago Fee Activity Ind -0.10 -0.05 Initial Claim 210k (+20k 190k (-15k) Continuing 1,658k (+1) 1,647k (+17) New Home 614,000 a.r. 640,000 a.r. 64	and Retail (Dec. A) d National lex (a) Claims 1k) k) Sales (-4.0%) (-3.1%) (+5.8%) Fed ring Activity	<b>Dec. (e)</b> <i>Consensus</i> Nov.	+0.2% Pending H -3.0% -1.0% -4.0% University	<b>+4.4% y/y</b> +4.4% y/y +4.7% y/y

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