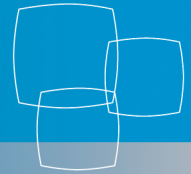




Ontario Economic Overview

September 2011 Update



HIGHLIGHTS

- Ontario's real GDP grew 0.8% in Q1 2011, the seventh consecutive gain since Q3 2009.
- Manufacturing output increased 1.2%, bringing production closer to pre-recession levels. The addition of almost 8000 jobs raised employment 1.3%.
- Canada's five largest banks posted profit of \$5.9B in Q2 2011 for a 17.0% gain over the same period last year.
- Employment in tourism increased 2.3% in Q1 2011. The number of U.S. and international travelers was down while overseas entries from China, Hong Kong and India grew strongly in the first four months of 2011.
- ICT employment increased 0.8% in Q1 after eight consecutive quarters of decline or no change. RIM continued to face challenges in the market this year due to increasing competition from other smartphone suppliers.
- Output in Ontario's automotive sector was up 5.8% and employment grew by 0.9%. Persistent unemployment and supply chain disruptions caused by the earthquake and tsunami in Japan have caused some forecasts to be lowered.
- The primary sector's output decreased by 1.0% in Q1 while employment was up 5.7%. Mining exports climbed to \$4.4B (+27.3%) in Q1, with gold and silver exports leading the increase.
- U.S. GDP rose 0.5% in Q1 2011. The credit rating downgrade by S&P contributed to lower growth projections and fears of another recession.
- Ontario's economy is forecast to grow 2.6% in 2011 and 2.5% in 2012, slightly behind Canada's projected growth.



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KEY ECONOMIC INDICATORS

(% change unless otherwise indicated)	Real GDP			Employment			Unemployment Rate		
	2010	2011f	2012f	2010	2011f	2012f	2010	2011f	2012f
Ontario	3.4	2.4	2.4	1.7	2.0	1.4	8.7	7.9	7.5
Canada	3.2	2.4	2.3	1.4	1.7	1.1	8.0	7.5	7.3
United States	3.0	1.7	2.5	-0.7	1.1	1.7	9.6	9.0	8.7

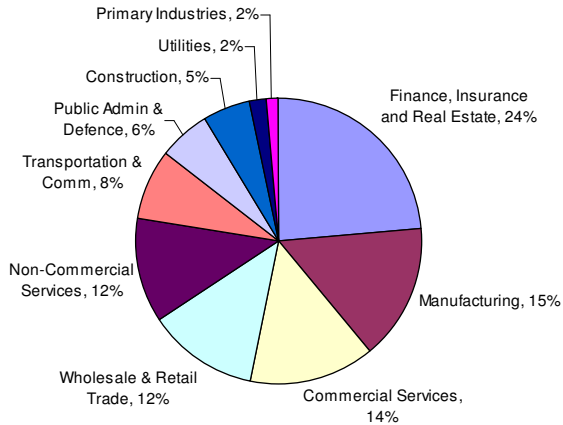
Source: Statistics Canada, U.S. Bureau of Economic Analysis; f indicates forecasted data, using median forecasts released in June 2011 or later, where available, from Conference Board of Canada, Scotiabank, RBC Financial, TD Economics, BMO Financial, CIBC World Markets, and Desjardins. Forecasts collected August 2011.

The Ontario Economic Overview is a quarterly report prepared by the Policy, Analysis & Intelligence Directorate of the Ontario Region of Industry Canada that contains analysis of the current economic and financial performance of industries in Ontario. The analysis is of select economic/industrial issues, and does not contain internal forecasts or policy analysis, assessments, or conclusions. If you have any comments, please email Adam Hayashi, Senior Economist, Industry Canada, Ontario Region, at Adam.Hayashi@ic.gc.ca.

GDP and Employment Growth of Selected Ontario Industries								
	GDP Growth (%)				Employment Growth (%)			
	2007	2008	2009	2010	2007	2008	2009	2010
Manufacturing	-4.2	-10.3	-15.0	8.0	-4.5	-5.7	-13.2	-1.4
Automotive	-4.0	-24.5	-28.3	29.5	x	x	-21.2	1.1
Pharmaceutical and Medicine	-11.4	0.4	7.8	-0.5	-0.3	0.9	-1.5	-3.4
Information and Communication Technology	3.0	-0.2	-1.2	2.3	1.5	5.2	-4.7	-1.8
Aerospace	3.7	8.6	-1.9	-7.6	-9.0	-0.4	-11.9	-3.3
Finance and Insurance	4.3	1.2	3.3	2.8	5.0	4.3	3.3	0.8
Construction	3.2	-0.6	-6.7	8.8	5.4	5.0	-5.2	4.5
Accommodation and Food Services	0.6	2.0	-3.8	2.1	4.6	4.4	-2.0	-0.2
Wholesale Trade	4.5	-1.0	-5.5	5.6	3.0	0.7	-4.4	0.4
Retail Trade	2.0	3.2	0.1	4.3	2.7	3.9	-1.1	-0.2
Primary Industries*	-3.4	4.5	-10.5	2.0	-5.7	-5.3	-2.8	4.6

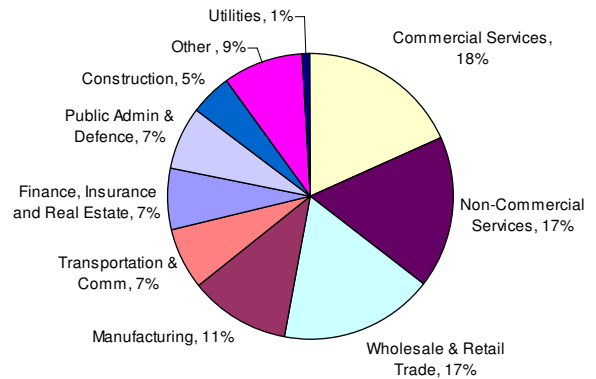
* Employment data from LFS and is not strictly comparable to SEPH data used elsewhere

Ontario GDP by Sector, 2010



Source: Statistics Canada

Ontario Employment by Sector, 2010



Source: Statistics Canada, Survey of Employment, Payrolls and Hours (SEPH)



ECONOMIC FUNDAMENTALS

- Ontario's real GDP increased 0.8% in Q1 2011 following 1.1% growth in Q4 2010 and extending the trend to seven consecutive quarters of growth.¹
- Ontario's share of the national economy dropped steadily from 41.4% in 2002 to 36.5% in 2008, coinciding with a 32.1% increase in the value of the Canadian dollar against the U.S. dollar.²
- Increases in the Canadian dollar are often driven by rising commodity prices and put pressure on export prices for Ontario manufacturers. While the dollar softened in 2009, and Ontario's share of national output grew, the currency has strengthened further in 2010 and 2011, remaining above parity with U.S. dollar as of August 2011.³
- The finance, insurance, real estate and leasing sector showed continued strength with 1.1% growth. Output was also up in manufacturing (1.2%) and wholesale trade (1.7%). There were declines in information and culture (-0.9%), primary (-1.0%), and utilities (-4.4%).⁴
- After gaining 144,000 jobs in Q1 2011 over Q1 2010, the labour market improved again in Q2 2011 with 194,500 more jobs than in Q2 2010. The largest contributors to job growth were health care and social assistance (+54,000 jobs), information, culture and recreation (+36,000) and transportation and warehousing (+26,000).⁵
- Ontario's unemployment rate remained at 8.1% in Q2 2011 after a 0.2% decline in Q1 2011. Meanwhile, national unemployment has remained steady at 7.7% for the past three quarters. Several Ontario Census Metropolitan Areas (CMAs) had some of the highest unemployment rates in the country, including St. Catharines-Niagara (9.1%), Oshawa (9.3%), and Windsor (10.7%).⁶
- The Bank of Canada's Senior Loan Officer Survey showed easing business-lending conditions in Q2 2011. Conditions eased for the eighth consecutive quarter for corporate borrowers, the fifth consecutive quarter for commercial borrowers, and the third consecutive quarter for small businesses. The balance of opinion had the strongest consensus for easing in both price and non-price conditions since the survey began in 1999. Heightened competition among lenders, a more favourable economic outlook, and improved industry-specific conditions continued to be cited as the reasons for easing credit conditions.⁷
- Consumer insolvencies in Ontario declined 9.4% in Q1 2011 from Q1 2010 compared to the national decline of 6.6%. Insolvencies were down in all Ontario CMAs except Peterborough, Hamilton, and Brantford.⁸
- Ontario business insolvencies declined 17.9% year-over-year in Q1 2011, ahead of the 12.4% national average. There were 430 business insolvencies in Ontario in Q1 2011, with both bankruptcies and proposals declining.⁹
- Ontario's index of consumer confidence dropped sharply in August to 67.8 as the U.S. downgrade and fears of a double-dip recession weighed on consumers. National consumer confidence declined to 74.7.¹⁰

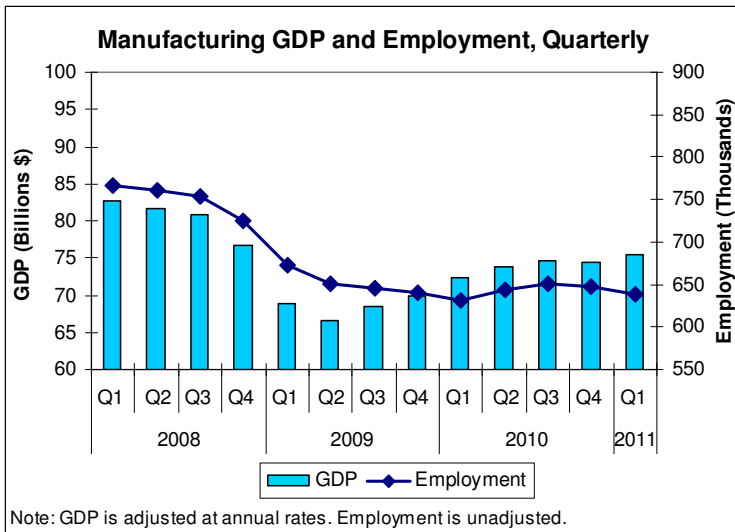
ECONOMIC OUTLOOK

- The median private sector forecasts for real GDP growth in Ontario and nationally in 2011 is 2.4%. Both were revised downward from last quarter's projections. Forecasts ranged from a low of 2.0% (Desjardins) to a high of 3.3% (RBC). Notably, the two highest forecasts had not been updated since June; the others received more recent updates.¹¹
- The median forecast for the previous issue of this report was for 2.6% GDP growth in Ontario in 2011. Three forecasters lowered their projections, two increased theirs, and two were unchanged. The median forecast for national GDP growth was 2.9% in the last issue. Six forecasters lowered their forecasts and one was raised.
- Ontario is the Canadian province most whose economic growth is most closely correlated with U.S. growth. Economic challenges in the U.S. may be expected to affect demand for Ontario exports.¹²
- Fears over fiscal challenges in Europe and the U.S. have contributed to market uncertainty. The resulting lower commodity prices have reduced manufacturing input with many manufacturers, now planning to invest in equipment.¹³
- Ontario's unemployment rate is expected to drop from an average of 8.7% in 2010 to 7.9% in 2011. The national rate is forecast to drop from 8.0% to 7.5%.¹⁴
- U.S. unemployment is forecast to drop from 9.6% in 2010 to 8.8% in 2011,¹⁵ remaining well above the five-year pre-recession average of 5.1% from 2004 to 2008.¹⁶
- Low consumer confidence and fiscal challenges due to high debt may continue to restrain economic growth and leave the global economy susceptible to further shocks.¹⁷



SECTORAL ANALYSIS AND OUTLOOK

MANUFACTURING



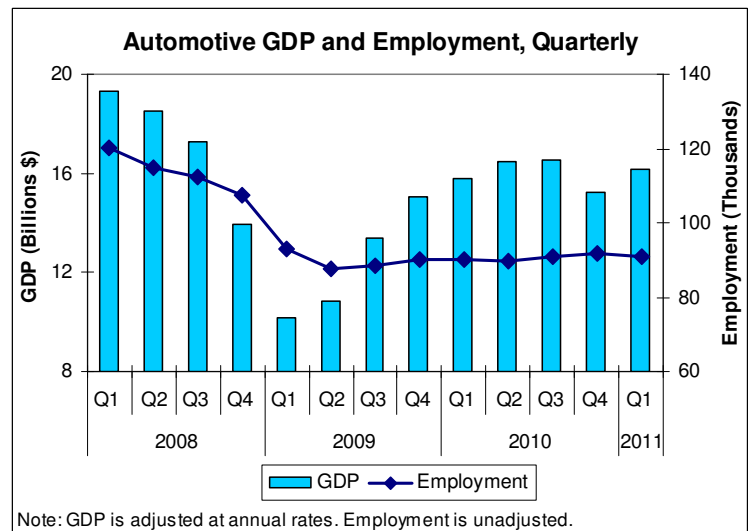
Ontario's manufacturing output increased 1.2% in Q1 2011 to an annualized \$75.4B as modest losses in Q4 2010 were erased and output rose to levels not seen since 2008.¹⁸ Excluding the automotive sector, output was unchanged as broad gains were offset by declines in chemical and petroleum products.¹⁹

Growth was led by the machinery sub-sector, which posted an increase of 8.4% on the heels of the 4.0% increase in Q4 2010.²⁰ The sub-sector grew for the seventh consecutive quarter and its growth accounted for nearly a quarter of the gross gains of the overall manufacturing sector.²¹ The wood products and furniture sub-sector gained 4.7% while other manufacturing was up 2.8%.²² Transportation equipment manufacturing was flat as gains in auto industry manufacturing (5.8%) were offset by a steep decline in other transportation (-19.0%).²³ There were modest losses in chemical petroleum (-1.9%) and food, beverage and tobacco manufacturing (-0.1%).²⁴

Manufacturing employment increased 1.3% in Q1 2011 compared to one year earlier, matching gains from Q4 2010 and adding just under 8,000 jobs to the sector.²⁵ The durable goods sub-sector gained 2.4% while employment in nondurable goods manufacturing was down 0.5%.²⁶ Among the bright spots in the employment landscape were primary metals (+9.3%), fabricated metals (+6.8%), and machinery manufacturing (+5.1%).²⁷ The brunt of job losses were borne by computer and electronics (-3.4%), furniture products (-3.7%), and chemical manufacturing (-2.2%).²⁸

The near-term outlook for the manufacturing sector remains uncertain as its health is linked with that of the U.S. economy. Consumer spending in the U.S. declined unexpectedly in June by 0.2% when a 0.1% increase was expected.²⁹ Combined with weak job growth, the U.S. economy continues to face an uphill battle towards recovery. A strong loonie also weighs on the Ontario manufacturing sector which is still struggling to regain ground lost during the recession. With interest rates projected to resume rising in Canada in 2012 and remain low in the U.S., there is potential for the Canadian dollar to rise further.³¹ On a more optimistic note, the RBC Purchasing Managers Index showed that business conditions improved in July as volumes of new work increased and the rate of input price inflation eased to a seven-month low.³² Concerns about slowing global growth have depressed prices of commodities, helping manufacturers that have been grappling with higher input costs. Manufacturers remain upbeat about future prospects with over 50% of Canadian manufacturers planning to invest in manufacturing equipment in 2011.³³

AUTOMOTIVE



Ontario's automotive output improved by 5.8% in Q1 2011 over Q4 2010, following a decline of 7.8% in Q4 2010. Compared to Q1 2010, output was up 2.4% in Q1 2011.³⁴ Automotive employment grew slightly in Ontario during Q1 2011, rising 0.9% compared to the same quarter in 2010.³⁵

Forecasts for North American vehicle sales have been reduced as renewed concerns over the economy and falling consumer confidence are expected to dampen U.S. vehicle demand.³⁶ Light vehicle sales in the key



U.S. market increased 12.8% in June 2011 YTD compared to the same period a year ago.³⁷ Retail sales in the first six months of the year improved for many automakers, lessening their reliance on fleet volumes.³⁸ However, the seasonally adjusted annual rate (SAAR) dropped to 11.9M units in May and 11.4M units in June, well below the 13M unit rate expected for the full year.³⁹ The slowdown was primarily due to inventory shortages from Japanese automakers following the March earthquake and tsunami in Japan which crippled production. Higher fuel prices, reduced sales incentives and persistent unemployment in the U.S. economy also contributed to weaker sales.⁴⁰ As such, some auto analysts have reduced forecasts for full year 2011 U.S. light vehicle sales to approximately 12.5M units.⁴¹ New vehicle sales are expected to improve in the second half of the year, as inventories of Japanese automakers return to normal levels and incentive campaigns are renewed by all major auto manufacturers.⁴² Light vehicle sales in Canada rose 3% in June 2011 YTD compared to last year and are expected to reach 1.59M units for the full year, a level consistent with the 10-year average.⁴³

North American auto production was up 7.8% for the first half of 2011⁴⁴ compared to a year ago, as June marked the 20th straight month with a year-over-year production increase.⁴⁵ Automotive production in Canada declined by 1.5% during the first six months, however, in large part because production was reduced 56% by Toyota and 31% by Honda at their Canadian plants in Q2.⁴⁶

General Motors (GM) continued to advance in the U.S. market. U.S. light vehicle sales were up 17% for June 2011 YTD,⁴⁷ with strong retail sales of new cars and trucks, including Canadian-built models such as the Chevrolet Equinox, GMC Terrain, Camaro and new Buick Regal.⁴⁸ GM reported a US\$2.5B net profit for Q2 2011, its largest quarterly operating profit since emerging from bankruptcy.⁴⁹ In Canada, GM's production rose 31.6% for the first half 2011 compared to the same period last year.⁵⁰ The company recently announced a \$117M investment to build the new Cadillac XTS at its Oshawa flex assembly line, with production beginning in 2012.⁵¹ In July, GM Canada also officially opened its Automotive Centre of Excellence (ACE) at the University of Ontario Institute of Technology in Oshawa. This R&D innovation and testing centre includes one of the largest and most advanced climatic wind tunnels in the world.⁵²

Light vehicle sales at Ford Motor Company were up 9% for June 2011 YTD versus the same period in 2010.⁵³ The company credited strong demand for its

fuel-efficient car and truck line-up.⁵⁴ In Canada, Ford had its strongest June sales performance in 22 years.⁵⁵ Compared to 2010, Ford's Canadian output fell by 2.2% during the first six months of the year, due in part to the winding down of its St. Thomas operation.⁵⁶ The company recently confirmed plans to manufacture cylinder blocks for the 5.0-litre V8 at Ford's Essex Engine plant. Production of the engine blocks, which currently come from a plant in Michigan, will add up to 80 new jobs.⁵⁷ Ford posted a \$2.4B Q2 profit, down 8% from a year earlier.⁵⁸

Chrysler Group LLC's U.S. light vehicle sales improved significantly in the first half of 2011, up 21.4% compared to the same time last year.⁵⁹ While Chrysler relied heavily on fleet sales in the past, its recent sales improvement comes mostly from strong retail volumes.⁶⁰ Chrysler's Canadian output was down 9.1% for the first half of the year, with lower production at both the Brampton and Windsor facilities.⁶¹ Fiat recently increased its stake in Chrysler to 53.5%, after completing the purchase of the U.S. government's remaining 6% share, as well as the remaining 1.5% share held by the governments of Canada and Ontario.⁶² Chrysler Group reported a Q2 loss of \$370M, largely as a result of repaying its government debts from the 2009 bailout and bankruptcy.⁶³ In June the Windsor-built Town and Country and the Brampton-made Dodge Challenger earned the highest rank for initial quality in the J.D. Power and Associates annual survey.⁶⁴

Toyota Motor Co. posted a 4% decline in its U.S. light vehicle sales for the first half of 2011 compared to the same time last year.⁶⁵ Production disruptions and vehicle shortages following the Japanese earthquake and tsunami contributed to U.S. sales declines of 33% in May and 21% in June.⁶⁶ Toyota's total Canadian factory output was down 16% for June 2011 YTD compared to the same period last year, with June production down significantly year-over-year at both the Cambridge (-42%) and Woodstock (-76%) operations.⁶⁷ Since the Japan disaster in March, Toyota, like other Japanese automakers, has restored parts supplies and production. Toyota confirmed that all its North American plants would be at full production levels by September.⁶⁸ The automaker posted a net profit for Q2, citing a stronger than expected recovery. Despite challenges from a rising yen, Toyota raised its full year profit forecast nearly 40% from earlier this year.⁶⁹ In Canada, Toyota announced it would manufacture the RAV4 electric vehicle at its Woodstock plant as part of the company's Project Green Light, which also includes a major upgrade to the paint shop at its Cambridge plant. Toyota plans to invest up to \$506M in the

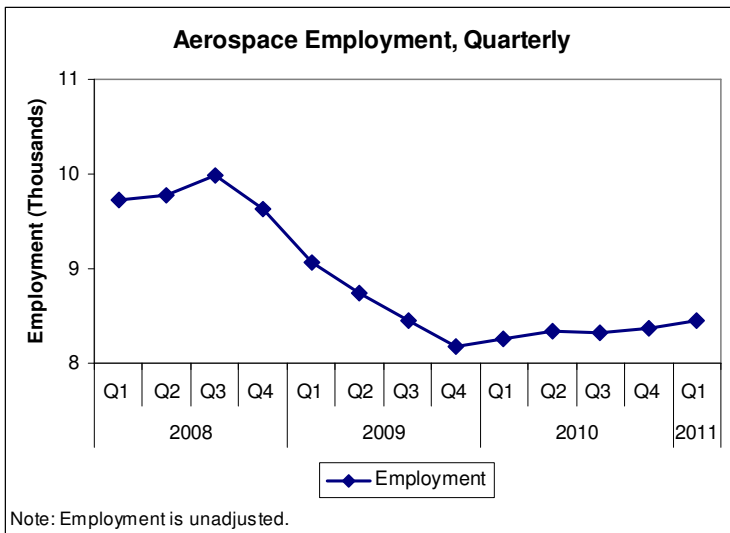


project, while the Canadian and Ontario governments each contributed \$70.8M.⁷⁰

U.S. light vehicle sales for Honda Motor Co. were also significantly affected by the Japan earthquake. Compared to the same period in 2010, the company posted a small gain of 2.3% for June 2011 YTD, but monthly sales were down sharply in May (-22.5%) and in June (-21.3%).⁷¹ Honda expected its North American factories to restore production levels by August for all vehicle models, except the new Civic which is built in Alliston, Ontario, and Greensburg, Indiana.⁷² The Alliston plant is expected to return to full operation in September.⁷³ The spring launch of the redesigned 2012 Civic suffered from supply disruptions and Honda plans to re-launch the vehicle in the fall.⁷⁴

Despite gloomier economic forecasts, auto parts manufacturers anticipate an increase in vehicle production volumes for the second half of the year. Suppliers expect increased output from Japanese automakers as they replenish inventories, and from the Detroit Three automakers which have improved market share.⁷⁵ However, the industry remains concerned that some second and third tier manufacturers may not be able to sustain a sharp rise in production demand, leading to further supplier consolidation.⁷⁶ Higher raw material costs and currency pressures, including a strong Canadian dollar, will continue to negatively affect supplier profitability.⁷⁷

AEROSPACE



Ontario's aerospace industry, which produces aircraft parts and systems, accounted for 28.1% of Canadian aerospace GDP in 2010, second in Canada behind Quebec (59.8%).^{78 79} There are approximately 200

aerospace companies in Ontario, including Bombardier Aerospace, Pratt & Whitney Canada, Honeywell Canada, L-3 Electronic Systems, Magellan, and Northstar Aerospace.⁸⁰

While Ontario's share of national GDP in 2010 was up slightly from 27.7% in 2009, this increase was the result of Ontario's aerospace production declining less than Canada's production; the sector's GDP fell 9.0% nationally and 7.6% in Ontario.^{81 82} Exports also dropped slightly in Q1 2011, down 1.1% from Q1 2010.⁸³ Employment, however, was up 2.3% in Q1 2011 in Ontario compared to Q1 2010.⁸⁴ Aerospace shipments were also higher, increasing 4.8% for the period.⁸⁵

Bombardier's recent annual forecast projected a smaller business jet market globally with deliveries of 24,000 units (valued at \$626B) over the next 20 years. Its own share was forecast at 10,000 units (\$260B) in the next ten years and then 14,000 (\$366B) in the following ten years. The company predicted improvements in the global commercial airliner market to 13,100 deliveries in the 20-149 seat sector (valued at \$693B through 2030), with growing demand in China and India and increased interest in new technology. Bombardier estimated its share of the 100-149 seat range aircraft at 7,000 units (\$423.7B) over the next 20 years; 5,800 units (\$208.6B) in the 60-99 seat category; and 300 (\$6.5B) in the 20-59 seat category. The company is planning new products in order to be ready when business conditions improve. Bombardier's forecast echoed those of others in the business.⁸⁶

Peterborough-based Flying Colours, which completes and maintains private jets for Bombardier, has also benefited from improving economic conditions. Although the company was affected by the recession, sales have recently been growing. Flying Colours is now looking to Asia (specifically China and India) and the Middle East as potential long-term markets. The company hopes to capitalize on the recent runway upgrade at Peterborough airport to finish larger aircraft such as the Global from Bombardier and corporate jets from Airbus and Boeing.⁸⁷

Heroux-Devtek Inc., a designer and builder of aircraft landing gear and structural parts, has also been booking new orders as a result of increases in the production of some commercial aircraft programs.⁸⁸

News for the aerospace sector this quarter has mainly been driven by the industry's success at the 2011 International Paris Air Show held June 20 to 26 at Le Bourget Airport, Paris, France. Highlights for Ontario

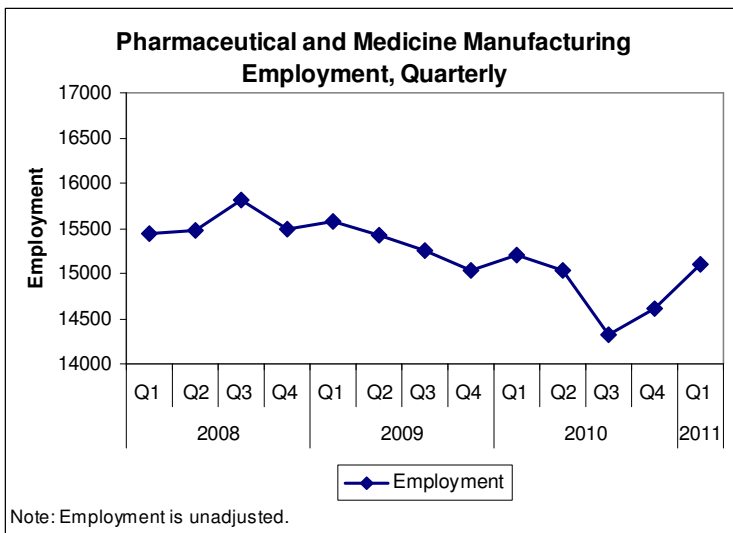


companies included: an order by Korean Air for ten Bombardier CSeries planes valued at US\$1.01B, with an additional ten options and ten purchase rights on Bombardier CS300 airliners; an order by VistaJet of Switzerland for ten Bombardier Global 8000 jets valued at US\$650M; and an order by AVWest of Australia for four Bombardier Global 7000 and two Global 8000 ultra long-range jets, totalling about US\$400M.⁸⁹

Boeing's planned 737 narrowbody aircraft featuring a more efficient Leap-X engine could increase competition for Bombardier's CSeries. The recently launched Airbus A319neo may also challenge the CSeries. Though American Airlines chose Boeing and Airbus for its new orders, Bombardier hopes that Delta will order CSeries jets.⁹⁰

The Ontario government announced several investments in the aerospace sector in Q2 2011. In June, the Ministry of Training, Colleges and Universities announced an investment of \$2M in the University of Windsor toward a state-of-the-art clean room to allow students to conduct controlled-environment research.⁹¹ In July, the Ministry of Research and Innovation announced a planned \$1.9M through the Innovation Demonstration Fund for Messier-Dowty's development of green processes for applying and removing chemical coatings from landing gear.⁹²

BIOTECHNOLOGY AND PHARMACEUTICAL



Ontario's pharmaceutical and bio-technology industries employ more than 16,000 people, generate close to \$10B in annual revenue and are comprised of major companies such as Bayer, GlaxoSmithKline, Pfizer, Amgen and Sanofi Pasteur Ltd. Ontario's

medical and assistive devices industry is comprised of approximately 700 companies employing more than 20,000 people while producing close to \$4B in revenue.⁹³ These companies continue to face a demanding business environment driven by expiring patents, reduced R&D spending, and potential intellectual property (IP) regulatory reform.

The output for Canada's pharmaceutical and medicine manufacturing sector, of which Ontario accounts for over 60%, dropped by 3.6% in Q1 2011 compared to Q4 2010, the fourth consecutive decrease. While the quarterly decrease is less severe than the previous quarter's drop, output for Q1 2011 was 15.7% lower than the same quarter in 2010.⁹⁴

Ontario's pharmaceutical shipments also fell, dropping by \$157M, or 9.8%, in Q1 2011 compared to the previous year.⁹⁵ While Ontario's pharmaceutical and medicine exports increased by 2.2% in Q1, they were down 8% YTD as of May 2011. Comparatively, national exports for the same category were down 19% YTD.⁹⁶ Looking forward, the Conference Board of Canada's Leading Indicator of Industry Profitability for the national pharmaceutical sector, which predicts short-term movements in corporate profitability, was down for the fourth consecutive month.⁹⁷ Ontario's average employment in the sector dropped by 0.7% (just over 100 jobs) in Q1; this was the eighth consecutive year-over-year quarterly drop.⁹⁸

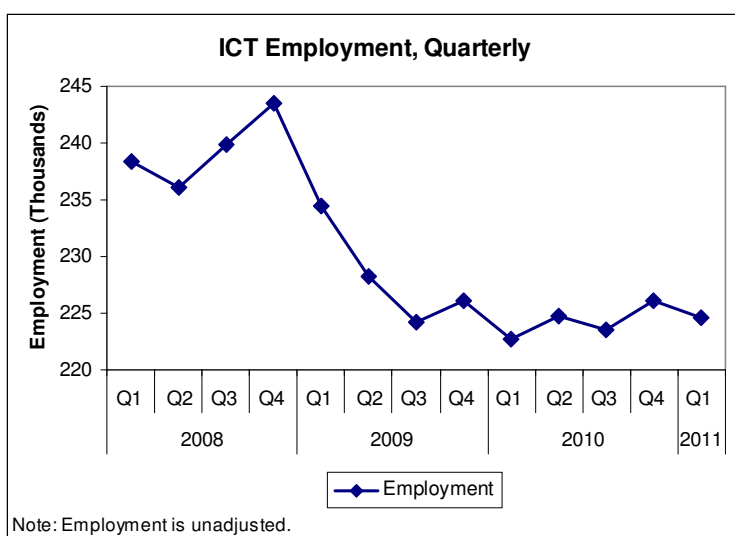
Venture capital (VC) funding for Ontario's life sciences industries continues to lag following the 63.3% decrease in funding in 2009 from 2008 levels. Funding in 2010 was \$85.2M, well behind the high of \$189.0M invested in 2007. Funding for Q1 2011 totalled \$20.1M, a 37.4% decrease from Q1 2010 but a 41.7% increase from Q4 2010. Funding for Ontario's biopharmaceuticals sub-sector decreased by 54.1% from Q1 2010, but only dropped 4.7% from the previous quarter.⁹⁹ Toronto-based medical device company Profound Medical announced in June that it raised \$9.4M in VC funding for advance clinical trials.¹⁰⁰ Profound Medical was also one of four Ontario bioscience companies awarded up to \$1M from the provincial government's Investment Accelerator Fund to finance clinical trials and facilitate commercialization. The funds are part of \$7M in single round special financing for Ontario-based bioscience companies.¹⁰¹

Ontario's life sciences sector stands to gain a boost from the province's recent announcement of a partnership with Quebec. The two provinces are creating the Québec-Ontario Life Sciences Corridor, a key initiative of the Ontario-Québec Trade and Cooperation Agreement. The trade corridor will



contain 1,139 life sciences companies and approximately 65,000 employees, making it one of the largest bioclusters in the world.¹⁰² In conjunction with the corridor announcement, Life Sciences Ontario and Biopolis Québec, the alliance of leading life sciences regions in Quebec, signed a memorandum of understanding (MOU) that outlines measures for the sharing of best practices, the identification of joint projects and the defining of growth strategies.¹⁰³ The provincial government also announced in June \$3.6M in funding for GlaxoSmithKline's expansion of its manufacturing facility in Mississauga. The \$30M plus expansion is expected to create 70 new jobs.¹⁰⁴

INFORMATION AND COMMUNICATIONS TECHNOLOGY



The ICT sector is a significant contributor to Ontario's economy. Approximately 50% of Canada's total ICT industry is located in Ontario and more than 16,000 ICT firms are concentrated mainly in three large Ontario technology clusters: Toronto, Ottawa and Kitchener-Waterloo.¹⁰⁵ Ontario also has the highest concentration of ICT industry leaders in Canada such as IBM Canada, RIM, Rogers, Celestica and OpenText. In addition, Ontario's ICT sector is an enabling sector which significantly increases the productivity of other industries.

The Canadian ICT sector grew 0.5% in Q1 2011 over Q4 2010, its sixth consecutive quarterly increase. In comparison, real GDP for all Canadian industries grew by 1.0% for the period.¹⁰⁶

Ontario's ICT sector contributed \$27.3B to Ontario's GDP in 2010, accounting for 5.6%. After falling 1.2% in 2009, the province's ICT output rose 2.3%, based mainly on 10.3% growth in ICT manufacturing.^{107,108} Canada's ICT output, of which Ontario accounts for

almost half, continued to grow in Q1 2011, rising 0.7% over Q4 2010.¹⁰⁹ Ontario's ICT manufacturing shipments in Q1 2011 were up 7.0% over Q1 2010.¹¹⁰ ICT manufacturing exports were also higher for the period, rising 1.7% based mainly on continued strong growth in exports to Hong Kong.¹¹¹

While the Canadian ICT sector continued to trend upwards following the recession, growing 5.8% since Q3 2009, weak export numbers have stalled job growth. However, after eight consecutive quarters in which employment declined or remained flat, employment in Ontario's ICT industry was up 0.8% in Q1 2011 compared to Q1 2010. Despite job losses in manufacturing, overall employment was up due to an increase in services employment.¹¹²

Through the first two quarters of 2011, there were 100 venture capital (VC) investments in the ICT sector in Ontario worth a total of \$180.4M. These figures represent a 9.9% drop in the number of investments in the sector, but an 18.4% increase in the amount invested compared to the first two quarters of 2010. Most of the investment was concentrated in the software and internet focused sub-sectors. The ICT sector accounted for 70.8% of VC invested over the period, up from 67.6% in the same period of 2010.¹¹³

RIM has faced serious competition from Apple's iPhone and Google's Android platforms this year, contributing to declines in market share, revenues, and share value. The company's Q1 2011 share of the global smartphone market was 14%, down from 19% in Q1 2010, placing RIM third behind Apple and Nokia (measured by shipments).¹¹⁴ RIM's shipments grew 31% over the period, compared to 80% for the smartphone market overall.¹¹⁵ From the release of fiscal 2011 Q4 results in March 2011 until July 28, RIM's share price declined by 61%, reducing the company's market capitalization to \$12.6B.¹¹⁶ RIM reported revenues for Q1 (ending May 31, 2011) of its fiscal year 2012 of US\$4.9B, down 11.7% from the previous quarter. Net income was down 25.6% to US\$695M.¹¹⁷

To explain the decline in revenue, RIM indicated that sales had shifted towards lower average selling price (ASP) handsets and that sales had been lower than expected in the US and Latin America, reducing smartphone shipments.¹¹⁸ RIM planned the introduction of the BlackBerry 7 handsets in late August which, the company hoped, would improve sales. The first BlackBerry QNX-based Superphone should be available in early 2012. Meanwhile 4G PlayBook tablets are expected in the fall. Revenue for



Q2 of fiscal 2012 (ending August 31, 2011) is expected to be in the range of US\$4.2B to US\$4.8B.¹¹⁹

In an effort to remain competitive, RIM announced plans to cut 11% of its global workforce (2,000 jobs) and change its senior management structure. The company's first major layoffs in almost a decade would reduce RIM's workforce to 17,000.¹²⁰ Ontario's Ministry of Training, Colleges and Universities announced it would allocate \$100,000 directly to Communitech for retraining and job search support for the laid-off RIM workers.¹²¹

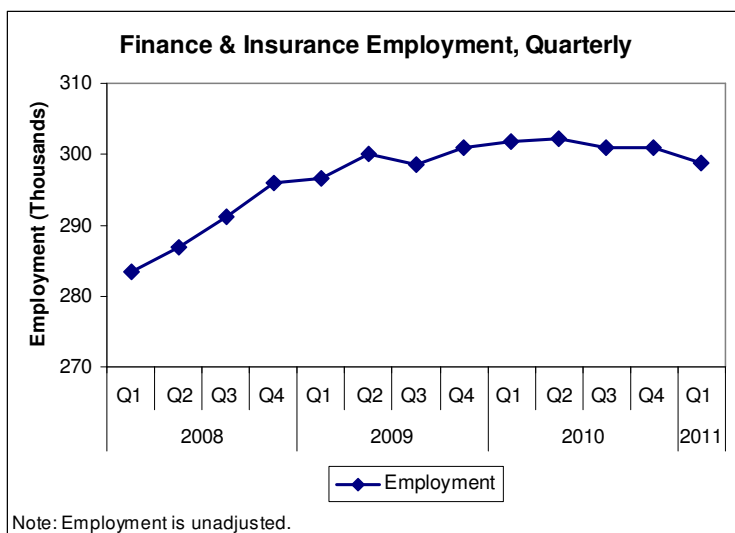
RIM, as part of a consortium of companies, agreed in July to acquire the remaining patents and patent applications of Nortel Networks for US\$4.5B. RIM's share of the purchase price was US\$770M and the transaction was expected to close in Q3 2011.¹²²

FINANCE AND INSURANCE

With 2010 output of \$31.9B, the finance and insurance sector in Ontario accounted for 6.6% of the province's overall GDP and 38.2% of Canada's finance and insurance GDP.^{123 124} Nationally, GDP was up 1.0% in Q1 2011 over the previous quarter, to nearly \$85B annualized.¹²⁵

combining depth and breadth in financial services with strong connections to other financial centres.¹²⁹

Canada's five largest banks, all headquartered in Toronto, announced total quarterly profit of \$5.9B in Q2 2011, an increase of 17.0% over Q2 2010. BMO and Scotia were the only banks to surpass analyst earnings expectations, however, with CIBC, RBC, and TD missing.^{130 131 132 133} BMO benefited from reduced loan defaults though profits were down in insurance and capital markets.¹³⁴ Scotia's 40% rise in profits came mainly through the bank's international operations, with particularly strong results in Peru and Mexico, and from an accounting gain associated with the acquisition of the remaining portion of DundeeWealth.¹³⁵ RBC's income from banking and wealth management rose from Q2 2010, but profits were down in capital markets. Despite missing earnings expectations, the bank raised its quarterly dividend by \$0.04 to \$0.54.¹³⁶ At TD, higher profits in Canadian banking and lower provisions for credit losses through bad loans supported earnings growth. Analysts had expected stronger performance from retail banking in the U.S. and Canada, however.¹³⁷ Lower provisions for credit losses also contributed to higher earnings at CIBC, as did retail banking, while profits from capital markets were down.¹³⁸



Employment in the sector averaged just over 300,000 jobs in Ontario in 2010, up 0.8% from 2009.¹²⁶ In Q1 2011, however, employment dropped by roughly 1% from Q1 2010 due to job losses in the insurance sub-sector.¹²⁷ Most of the province's financial services jobs are in Toronto, home to the headquarters of many of the larger financial services firms.¹²⁸ In the most recent Global Financial Centres Index, Toronto tied for 10th position among global financial centres and was categorized as one of nine "Global Leaders"

	2011 Q2 earnings (\$millions)	Change in Earnings from 2010 (%)	2011 Q2 ROE (%)	Tier 1 capital ratio (%)
BMO	800	7.4%	16.7%	13.8%
CIBC	678	2.7%	19.9%	14.7%
RBC	1506	13.3%	16.7%	13.6%
TD	1332	13.3%	14.0%	12.7%
Scotia	1543	40.7%	22.9%	12.0%

In June, RBC agreed to sell its U.S. regional banking business to PNC Financial for \$3.6B, signalling the end of RBC's efforts to expand into U.S. retail banking.¹³⁹ TD announced in August the estimated \$8.5B purchase of MBNA's Canadian credit card portfolio from Bank of America.¹⁴⁰

The two largest Ontario-based insurance companies, Manulife Financial and Sun Life Financial, both exceeded earnings expectations for Q2 2011, which ended on June 30. Manulife's Q2 profit of \$468M was

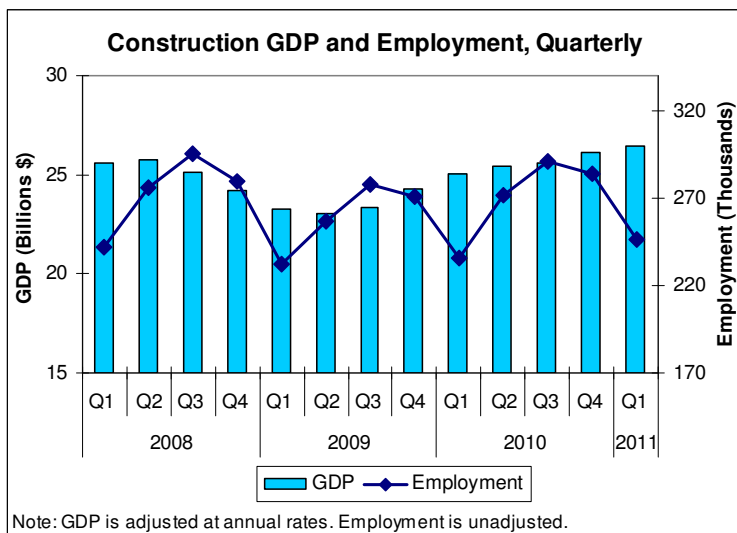
ⁱ All five banks define Q2 2011 as the period ending 31 April 2011 for reporting purposes.



supported by strong mutual fund sales in Canada and growth in mutual fund deposits in the U.S.¹⁴¹ Sun Life's quarterly profit of \$408M was aided by its U.S. operations and investments.¹⁴² The company also announced that its CEO since 1998, Donald Stewart, would retire in November and be replaced by current COO, Dean Connor.¹⁴³

The TMX Group, owners of the Toronto Stock Exchange, and the London Stock Exchange (LSE) announced plans to merge in February. In May, amid concern that control of the merged exchange would reside in London, a group of Canadian financial institutions called the Maple Group launched a competing bid for the TMX Group.¹⁴⁴ After both groups raised their offers for the TMX Group in June,¹⁴⁵ it became clear that TMX shareholders would not approve the proposed LSE merger in a vote scheduled for June 30. As a result, the merger plans were abandoned. Maple Group expressed interest in pursuing a friendly deal with TMX and to merge it with Canada's second largest exchange, the Alpha Group, which is owned by many members of the Maple Group.¹⁴⁶

CONSTRUCTION



In 2010, Ontario's construction sector GDP recorded its highest year-over-year increase in more than a decade.¹⁴⁷ Key drivers for this growth included improved labour market conditions, an increase in business and industrial construction demand and the ongoing impact of stimulus.¹⁴⁸ As a result, total output climbed to \$25.6B in 2010 with non-residential construction and engineering driving a significant amount of the growth.¹⁴⁹ Output gains continued in Q1 2011 and were again mostly fuelled by non-residential construction activity. Overall sector GDP rose for the

eighth consecutive quarter, advancing 1.2% over Q4 2010.¹⁵⁰

Sector employment was also up in Q1, adding slightly more than 10,000 jobs compared to the same period in 2010. Employment increased in all building construction sub-sectors with the largest increase coming from non-residential construction.¹⁵¹

Following a slight dip in Q4, residential housing starts were at 61,600 seasonally adjusted annual rate (SAAR) in Q1. This was 5.1% higher than Q4 2010 and 1.3% above the previous year's rate of 60,800.¹⁵² Comparatively, national housing starts decreased year-over-year in Q1. Ontario's Q2 results remained positive as housing starts reached an estimated 71,200, the highest rate since Q3 2008.¹⁵³ The total value of building permits, an indicator of future construction intentions, advanced 8.9% in Q1 following a 7.4% drop in Q4 compared to previous quarters.¹⁵⁴ Intentions are expected to soften, however, as many analysts forecast a weaker 2011.¹⁵⁵ Led by governmental and institutional permits, plans for non-residential buildings in Ontario rose 19.7% to completely erase the steep drop in Q4 2010.¹⁵⁶

Summary of Construction Sector Economic Indicators (Q1 2011)

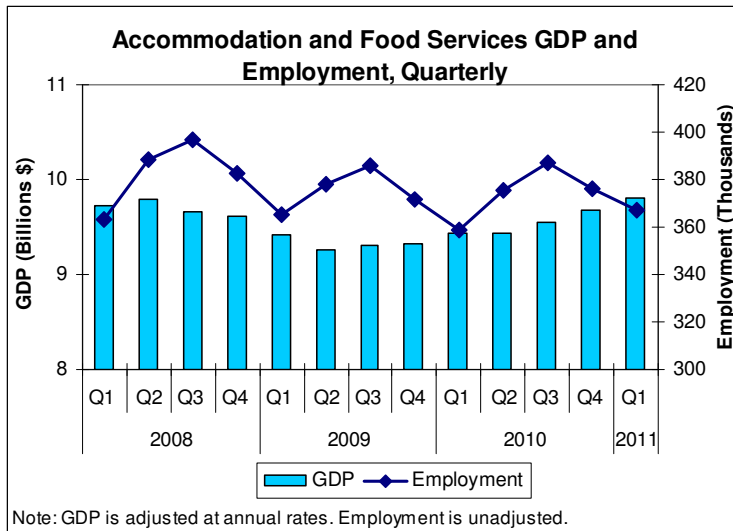
	Q1 2011 Value	Change from Q1 2010
GDP	\$26.5B	5.6%
Residential	\$10.1B	-0.4%
Non-residential	\$16.3B	9.6%
Employment	246,180	4.3%
Residential Building	35,783	0.6%
Non-residential Building	22,224	9.6%
Heavy and Civil Engineering	28,912	5.1%
Specialty Trade/Contractor	159,261	4.3%
Building Permits	\$7.3B	10.0%
Residential	\$3.9B	-1.7%
Non-residential	\$3.4B	28.3%
Housing Starts (SAAR)	61,600 (units)	1.3%

Despite government spending on stimulus and other infrastructure projects beginning to wind down, forecasts for the medium term show steady growth for the construction sector. GDP is forecast to advance by an average of 1.8% annually between 2011 and 2015.¹⁵⁷ Investments in non-residential construction are expected to continue to climb due to stronger commercial construction activity while institutional spending is predicted to level-off during the outlook period.^{158 159} Growth opportunities are expected to be



concentrated in the Greater Toronto Area,¹⁶⁰ due in large part to the projected \$2.4B investment costs associated with hosting the 2015 Pan/Parapan American Games.¹⁶¹ And while input costs such as labour and materials are rising along with demand,¹⁶² Canada is poised to become the fifth largest construction market by 2020¹⁶³ with some high-profile projects in Ontario related to the energy, transportation and mining all contributing to improved private investment in the medium term.¹⁶⁴

TOURISM



Approximately 300,000 people are directly employed in Ontario's tourism sector¹⁶⁵ and as of April 2011, over 1.5M individuals were employed in tourism-related industries.¹⁶⁶ Tourism is Ontario's eighth largest export industry with \$6B in export sales in 2010, just over half of them to the U.S.¹⁶⁷

Ontario's accommodation and food services sector contributes significantly to the province's tourism output. After four consecutive quarters of decline ending in Q2 2009, sector output has grown consistently, including a 1.3% increase in Q1 2011 over Q4 2010 to surpass pre-recession levels.¹⁶⁸ Employment for the sector was also up 2.3% in Q1 2011, supported largely by a 10.4% increase in the accommodation services sub-sector. The food services sub-sector saw a modest gain in Q1 after a small decline in the previous quarter.¹⁶⁹

Total visitors to Ontario from the U.S., which represents 86.7% of all international travellers coming to Ontario, have declined steadily since 2000. The number of U.S. visitors for Q1 2011 dropped by 4.8% from the previous quarter and 6.1% from Q1 2010. These decreases were echoed by the 4.2% and 5.4% drops over the respective periods for all international

travellers.¹⁷⁰ A soon-to-be-released report commissioned by the Binational Economic & Tourism Alliance examined the effects of the Western Hemisphere Travel Initiative (WHTI) and other border changes since 9/11 on the flow of business and tourists across the four bridges between the Buffalo-Niagara Falls area and Ontario. The report concluded that overnight and long-term travel remained steady but that day trips from the U.S. were down. The report noted that many Canadian tourism attractions had stopped marketing to the U.S. due to the perception that border crossing difficulties were keeping Americans away regardless of marketing efforts.¹⁷¹

Overseas entries to Ontario for the first four months of 2011 grew by 6.4% from the same period in 2010. Arrivals from Germany were down 10.1% for this period while Ontario saw increased arrivals from the UK (+2.0%), France (+8.1%) and Japan (+3.3%). Entries from most of the emerging markets grew, with the biggest increases coming from China (+44.6%), Hong Kong (+30.3%) and India (+12.5%).¹⁷² The recent announcement of a new, ten-year multiple-entry visa for international travellers to Canada was welcomed by the industry as an effective means for making Canada more competitive in attracting visitors from the growing mobile middle class in emerging markets.¹⁷³

The Canada Tourism Commission recently released its inaugural Signature Experiences Collection list of 48 Canadian tourism attractions. Among the six Ontario attractions included were the Unique Sky High Adrenaline Rush (CN Tower); Beyond the Stage (Stratford Shakespeare Festival); Ice Wine Tours and Harvest Table Dinners (Inniskillin Winery); and Flightseeing over Niagara/Heli-Wineries Experience helicopter tours.¹⁷⁴

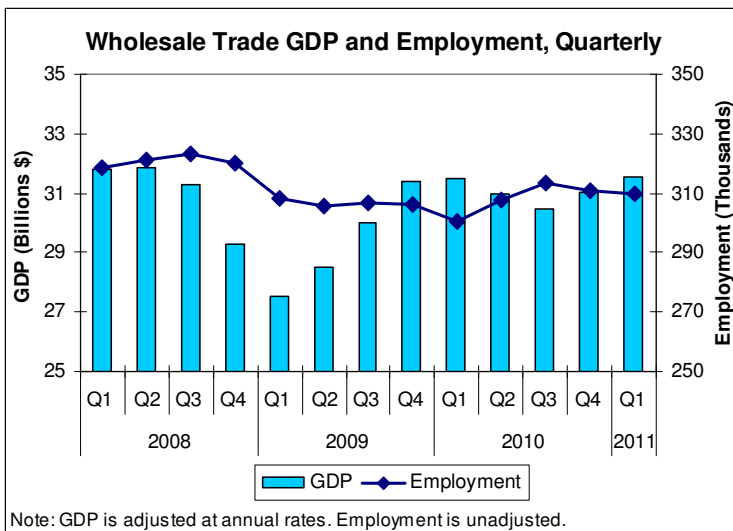


RETAIL AND WHOLESALE TRADE



The combined retail and wholesale trade sectors in Ontario employed over 974,000 people and accounted for 12.4% of Ontario's GDP in 2010.^{175 176}

Employment in retail trade decreased by 0.2% in Q1 2011 from Q1 2010. This loss was more than offset by a 3.2% gain in employment in the smaller wholesale trade sector resulting in a 0.9% increase overall in employment (+8155 jobs) compared to same period in 2010.¹⁷⁷ Retail job losses for the quarter were concentrated in the food and beverage stores sub-sector, which lost 7603 workers.¹⁷⁸ In wholesale, job growth came mainly from machinery, equipment and supplies (+2668); motor vehicles and parts (+2092); building material and supplies (+1473); and food, beverage and tobacco (1409).¹⁷⁹



Ontario wholesale GDP increased 1.7% in Q1 2011 over Q4 2010, the second consecutive gain after declines in Q2 and Q3 2010.¹⁸⁰ Retail GDP increased by 0.6% in Q1, slowing down after a growth of 2.3% in Q4 2010.¹⁸¹ After an increase of 2.4% in Q4 2010, retail sales decreased 0.2% in Q1, the first quarter-over-quarter loss since Q1 2009.¹⁸² Compared to Q1 2010, however, overall retail sales were still up 3.6%.¹⁸³

Most retail trade sub-sectors posted sales gains in Q1 2011. The most notable gains were found in gas stations (15.4%), health and personal care stores (6.5%), and general merchandise stores (6.0%).¹⁸⁴ The steepest declines compared to last year were found in building material and garden equipment and supplies dealers (-12.7%) and miscellaneous store retailers (-10.3%).¹⁸⁵ Wholesale trade sales improved 2.2% from Q4 2010, with an overall improvement of 6.3% from Q1 2010.¹⁸⁶ In Canada, six provinces reported an increase in sales in May, with Ontario leading the largest increase in dollars gained.¹⁸⁷

American retailers continue to pursue Canadian shoppers as additional U.S. chains expand into Canadian markets. Due to the strength of the Canadian dollar, sales per square foot, and expansion space, Canada has become the target of many international expansions.¹⁸⁸ J. Crew, Target, TopShop, Marshalls, and 7 For All Mankind are all among the chains launching in Canada. Other U.S. retailers likely to expand into Canada include Kohl's, Macy's, and Dick's Sporting Goods.¹⁸⁹ Due to these expansions, retail space rent will likely increase, particularly in spaces surrounding these new stores, encouraging new retail developments to accommodate demand.¹⁹⁰ Also, Canadian Tire Corporation obtained approval from the Competition Bureau for its \$771M takeover of the Forzani Group Ltd., which cleared the way for the purchase to be completed.¹⁹¹

PRIMARY INDUSTRIES

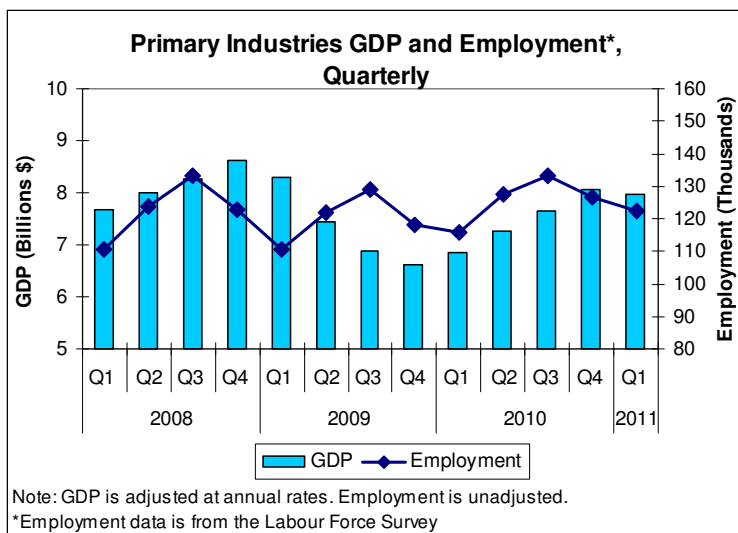
Ontario's primary sector output declined 1.0% in Q1 2011.¹⁹² However, employment increased 5.7% compared to the year prior, bringing sector employment to 122,500.¹⁹³

Agriculture

Agriculture employment in Ontario increased to 85,300 in Q1 2011, a 9.9% increase over Q1 2010.¹⁹⁴ During the quarter, total farm cash receipts increased 11.5%, with crops gaining 22.4% and livestock up 8.2%. Cash receipts from direct payments declined 34.2%.¹⁹⁵ This summer's growing season has been marked by periods of problematic weather which



delayed the planting of some crops and later threatened to decrease yields.¹⁹⁶ After an unseasonably dry July, crops received much-needed rain in early August. Environment Canada expected the remainder of August and September to be warm with above average precipitation, a good sign for farmers.¹⁹⁷



Forestry

Employment in Ontario's forestry industry increased 5.3% in Q1 2011 compared to the same period last year, the fourth consecutive quarter of gains. However, employment in the industry has declined dramatically over the past five years and employment levels remain at only half of 2006 levels.¹⁹⁸ There was growth for both paper (+3.5%) and wood product manufacturing (+2.8%) in Q1.¹⁹⁹ Some analysts have offered a bleak outlook for Ontario's lumber industry because of its heavy reliance on purchases from new-home builders in the U.S. Despite higher than expected U.S. housing starts in June²⁰⁰, new-home construction slowed in Q2 and the prospect of renewed economic turmoil in the U.S. may further diminish the outlook for the U.S. housing market.²⁰¹

Mining

Ontario's mining sector production gained 0.1% in Q1 2011, a stark contrast to the 9.6% increase seen in Q4 2010.²⁰² Mining employment, on the other hand, posted a stronger yearly increase in Q1 compared to the employment increase posted in Q4. Q1 employment advanced 19.3%, adding slightly more than 3,800 jobs.²⁰³ Mining exports increased 27.3% to \$4.4B, with gold and silver exports representing the majority of the increase. The United Kingdom remained the largest customer but the U.S. was responsible for the bulk of increased exports. Exports to Hong Kong also increased dramatically, up

401.9%.²⁰⁴ Investors' appetite for gold has been insatiable with prices recently reaching as high as \$1,800 per ounce as investors seek a safe place to put their money.²⁰⁵ Interest in Northern Ontario's Ring of Fire chromite deposit continues to develop. In July, Cliffs Natural Resources visited Timmins as part of its search for a community to host its new ferrochrome processing facility. However, higher electricity prices in Ontario are causing the company to consider sites in Manitoba and Quebec. The company expects to complete its pre-feasibility study on its Black Thor chromite project in September before launching a full feasibility report.²⁰⁶

CLEAN ENERGY

Ontario's Feed-in Tariff (FIT) program continued to attract new projects and investments to the province using premium rates paid to renewable energy developers. As of July 2011, over 41,000 FIT and MicroFIT applications had been received by the Ontario Power Authority, up from approximately 29,000 in mid-January. However, fewer than 8,900 of those contracts had been signed or executed.²⁰⁷ The program has suffered from political uncertainty, connection delays and a lack of electrical grid capacity, inhibiting the construction and installation of solar energy projects.²⁰⁸ The province is working on increasing capacity via a new transmission line, and recently announced the awarding of 25 new solar and wind contracts that will feed into it, creating an expected 5,000 new jobs.²⁰⁹

Opposition to the FIT program has been raised both domestically and abroad. A recent C.D. Howe report concluded that the program is a poor investment given the high cost per job created and an expected large increase in electricity costs for consumers.²¹⁰ International opposition remains strong with challenges pending at both the WTO and NAFTA. The WTO established a panel on July 20 to rule on Japan's challenge of the FIT program's local content requirements and premium rates. The panel's ruling is expected by late January 2012.²¹¹ The EU filed its own WTO complaint against the FIT program in early August.²¹² Texas-based renewable energy company Mesa Power Group recently announced that it would file a formal NAFTA Notice of Arbitration in October, claiming Ontario discriminated against its wind-energy projects by arbitrarily adjusting its policy for connecting projects to the transmission grid.²¹³

Strong growth continued in Ontario's solar energy sector. Contract manufacturer Celestica recently noted that high demand for its solar panels in Ontario was inhibiting its ability to sell to the U.S.²¹⁴ North America's largest solar energy service provider



SunEdison recently announced a partnership with Newmarket-based solar panel manufacturer Flextronics to increase production, creating 400 new jobs for the area.²¹⁵ Toronto-based solar panel manufacturer Eclipsall opened a new manufacturing facility in Scarborough in June, which is expected to create 200 jobs.²¹⁶ A slowdown in business linked to Ontario's capacity issues and delayed approval process was blamed for Siliken Canada's recent announcement that it would be cutting two shifts, laying off 70 workers.²¹⁷ Siliken announced a week later that one of the shifts was recalled and that the other might return in the near future.²¹⁸

The global wind energy sector grew 22% in 2010, down from 32% in 2009. Growth in the sector is expected to remain strong, resulting in a global industry worth \$153B by 2017, up from \$56B in 2010.²¹⁹ Ontario's wind industry is also expected to experience strong growth in the coming years. According to a recent report by ClearSky Advisors, Ontario's wind energy sector will attract more than \$16B in private-sector investment and create over 80,000 person-years of employment in the next eight years.²²⁰ Ottawa-based wind energy company Wind Works Power Corp. recently announced that it had raised \$15M in new financing for new and existing projects in Ontario and abroad.²²¹ The company also announced the recent acquisition of two new wind energy projects in Germany, an investment totalling approximately US\$50M.²²²

ECONOMIC ISSUES

U.S. ECONOMY

The U.S. has highly integrated supply chains with Ontario and is the largest foreign consumer of the province's goods and services. Exports from Ontario to the U.S. were up 1.2% from Q2 2010 to Q2 2011, reaching over \$35B and accounting for just over 80% of Ontario exports. At the same time, Ontario imported \$36.6B from the U.S., an increase of 2.0% over Q2 2010 and accounting for 56.7% of Ontario's imports.²²³

Following real GDP growth of 3.0% in 2010, U.S. GDP was revised downward in the latest release. According to the second estimates of the second quarter U.S. national accounts, U.S. real GDP increased 1.0% in Q2, down from the advance estimate of 1.3%. Q1 2011 growth was revised down to 0.4% from 1.8% while Q4 2010 growth was adjusted up for final estimates. The latest estimate for Q2 2011 growth marked the eighth consecutive quarter of real growth. Although personal

consumption expenditures were up only 0.4% and spending by state and local governments declined (0.9%), GDP grew thanks to increases in non-residential fixed investment, private inventory, exports, and federal government spending.²²⁴

Government employment continued to decline in July 2011, but non-farm payroll actually increased by 117,000 thanks mainly to growing employment in healthcare, retail trade, manufacturing, and professional and technical services. The national unemployment rate dropped slightly from 9.2% in June to 9.1% in July, though this decline was actually the result of a shrinking labour force.²²⁵ July's unemployment rate remained below the October 2009 peak of 10.1% but well above the average rate of 4.6% in 2007.²²⁶

Sales in retail and food services were up 0.5% in July over June 2011, though the increase was not statistically significant. Compared to July 2010, sales were up 8.5%. The strongest growth from June to July was in electronics and appliance stores (1.4%), gas stations (1.6%), and miscellaneous store retailers (2.4%).²²⁷

In July, with the U.S. government approaching the debt ceiling beyond which it could not incur further debt, negotiations between Republicans and Democrats took place. As discussions continued with no agreement on the terms of an increase to the limit, observers raised concerns over the consequences of the debate and of the potential failure to raise the debt ceiling. Though an agreement was reached on July 31, global financial uncertainty was heightened as a result of the drawn-out nature of the negotiations and the failure to convince markets that there was a plan to effectively address U.S. debt in the longer term.^{228 229}

In response to concerns that the U.S. government was not effectively addressing the country's debt challenges based on "difficulties in bridging the gulf between the political parties over fiscal policy" that had been highlighted by the debt ceiling negotiations, Standard & Poor's downgraded its long-term sovereign credit rating for the U.S. from AAA to AA+ on August 5.²³⁰ The downgrade, along with the debt ceiling negotiations themselves and continuing fears over the fiscal situation in several European countries, caused additional turmoil in financial markets. The Dow Jones Industrial Average, for example, dropped from a close of 12,724 on July 21 to 10,720 on August 10.²³¹

Consumer sentiment according to the Thomson Reuters/University of Michigan Index also suffered,



dropping to a 54.9 in August from 63.7 in July, the lowest level since 1980. The index of consumer expectations also dropped, down from 56 in July to 45.7 in August, suggesting future declines in consumer spending.²³²

As a result of these recent challenges, a number of forecasters have downgraded their growth projections for the U.S. economy and suggested that the probability of another recession has increased.^{233 234}



Annex: Selected Indicators for Ontario Census Metropolitan Areas (CMAs): Q1 2011

		Population ¹		Employment ²			Housing Starts (units) ³		GDP ⁴		Consumer Insolvencies ⁵	
		Population 2010 (000s)	Percentage of Ontario	Job growth per 1,000 people ^A (Q1 y/y)	Unemployment Rate		Percentage of Ontario	Housing Starts per 10,000 people	Percentage of Ontario	% Change (Q1 y/y)	Insolvencies per 1,000 people ^A	% Change (Q1 y/y)
					%	Change (Q1 y/y)						
EASTERN	Ottawa [?]	933.0	7.1%	8.3	6.5	0.3	8.7%	11.7	9.7%	1.8%	1.4	-7.0%
	Kingston	162.5	1.2%	-7.6	6.8	0.7	2.2%	17.2	1.0%	0.9%	1.1	-4.8%
	Peterborough	121.1	0.9%	5.9	9.7	-1.1	0.3%	3.0	X	X	1.3	21.7%
CENTRAL	Oshawa	364.2	2.8%	13.6	8.9	-1.3	1.7%	5.9	2.8%	2.0%	1.6	-2.3%
	Barrie	190.9	1.4%	25.0	8.9	-1.8	0.4%	2.8	X	X	1.7	-7.5%
	Toronto	5,741.4	43.5%	17.1	8.5	-0.9	66.3%	14.6	45.9%	2.4%	1.1	-12.9%
	Guelph	138.2	1.0%	-40.8	7.3	-1.3	1.5%	14.0	X	X	1.0	-9.8%
	Hamilton	740.2	5.6%	8.4	6	-1.9	2.3%	4.0	5.6%	2.3%	1.3	3.3%
	Kitchener	492.4	3.7%	49.7	6.7	-2.8	3.8%	9.6	4.1%	4.1%	1.2	-7.9%
	Brantford	139.1	1.1%	-0.9	9.2	-0.4	0.3%	3.2	X	X	1.6	7.4%
	St. Catharines - Niagara	404.4	3.1%	11.2	9.5	-0.8	1.4%	4.4	2.6%	1.2%	1.3	-11.7%
WESTERN	London	492.2	3.7%	-7.8	8.3	-0.8	3.1%	7.9	3.5%	0.4%	1.5	-2.3%
	Windsor	330.9	2.5%	7.5	9.7	-2.7	0.6%	2.4	2.2%	1.8%	1.6	-3.2%
NORTHERN	Greater Sudbury	164.7	1.2%	35.2	7.6	-2.8	0.1%	0.9	1.1%	1.9%	1.3	-15.8%
	Thunder Bay	126.7	1.0%	2.9	7	0.2	0.1%	0.6	0.8%	-0.7%	1.0	-7.9%
	ONTARIO (total)⁺	13,210.7	100.0%	13.0	8.1	-0.9	100.0%	9.6	100.0%	2.0%	1.2	-9.7%
	Canada (total)⁺	34,108.8	X	11.4	7.7	-0.5	X	9.8	X	2.5%	1.2	-6.9%

Sources

- ¹ Statistics Canada, Population Estimates
² Statistics Canada, Labour Force Survey (LFS)
³ Canada Housing and Mortgage Corporation, Total Housing Starts by CMA
⁴ Conference Board of Canada, Metro I and Metro II Economic Indicators
⁵ Office of the Superintendent of Bankruptcy Canada, Insolvency Statistics in Canada

Notes

- Red box denotes CMA is performing below the provincial average
^A Calculated by using the working age population
⁺ Forecasted GDP at Basic Prices (\$2002) - figures not comparable to GDP data used in other sections
[?] Ottawa-Gatineau CMA used in GDP and Insolvencies calculations; Ottawa only for rest



ENDNOTES

- ¹ Ontario Ministry of Finance, *Ontario Production by Industry, Seasonally Adjusted at Annual Rates*, July 2011.
- ² Bank of Canada, *Monthly and Annual Exchange Rates*; Statistics Canada, *Table 384-0002, Gross domestic product (GDP), expenditure-based, provincial economic accounts, annual* (accessed 30 August 2011).
- ³ Exchange rate data from www.xe.com.
- ⁴ Ontario Ministry of Finance, *Ontario Production by Industry, Seasonally Adjusted at Annual Rates*, July 2011.
- ⁵ Employment data from LFS and is not strictly comparable to employment data used elsewhere. Statistics Canada, *Labour Force Survey, Employment by Detailed Industry, Unadjusted* (accessed 30 August 2011).
- ⁶ Conference Board of Canada, “Unemployment rate,” August 2011.
- ⁷ Bank of Canada, Senior Loan Officer Survey, Vol. 4.2, 11 July 2011.
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