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Agri-Food Canada

Agriculture et
Agroalimentaire Canada



*Medium Term Outlook
for Canadian Agriculture
International and Domestic Markets*

February 2009

Canada

Medium Term Outlook for Canadian Agriculture

International and Domestic Markets

May 2009

For further information, please contact:

Pierre Charlebois, Chief
Economic Market Analysis Unit
(613) 759-7424 or by e-mail at pierre.charlebois@agr.gc.ca

Research and Analysis Directorate
Strategic Policy Branch
Agriculture and Agri-Food Canada (AAFC)

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Table of contents

FOREWORD	3
INTERNATIONAL MARKETS	4
Macroeconomic assumptions	5
Foreign policies	6
Biofuel markets	7
HIGHLIGHTS	8
NATIONAL MARKETS	16
Crops	19
Red meats	27
Supply managed commodities	35
LIST OF ACRONYMS	40
ANNEX OF TABLES	41

Foreword

The purpose of this document is to describe the features of the Agriculture and Agri-Food Canada (AAFC) Medium Term Outlook for Canadian Agriculture covering the period 2008 to 2018. The outlook is an attempt to outline a plausible future of the international and domestic agri-food sectors. It serves as a benchmark for discussion and scenario analysis.

The outlook makes specific assumptions and outlines their implications. Since it assumes that policies remain unchanged from existing legislation, the outlook is not a forecast of future events. In particular there are no assumptions made regarding the outcome of the Doha round of trade negotiations. Finally, it is assumed that there will be no significant animal disease outbreaks or unusual climatic conditions over the period of the outlook.

The outlook was produced with two econometric models of agricultural markets based upon information available in **November 2008**. The AGLINK/COSIMO model of the Organization for Economic Cooperation and Development (OECD) and of the Food and Agriculture Organization (FAO) was used to produce the international outlook and the AAFC Food and Agriculture Regional Model (FARM) was used for the national outlook.

The medium term assumptions used and published by the OECD/FAO in the Agricultural Outlook 2008-2017 are by in large maintained in the AAFC's outlook but updated to reflect short term price forecasts produced and released by the U.S. Department of Agriculture (USDA) in November 2008. The November 2008 macroeconomic forecast published by the International Monetary Fund (IMF) was also incorporated in the outlook and in particular a 32% reduction in the crude oil price in 2009. AAFC assumed that 3 years will be necessary before the crude oil price returns to the level used in the OECD/FAO medium term outlook. **The outlook for crop year 2008-09 and 2009-10 may not coincide with the forecast published in AAFC January Bi-Weekly Bulletin because this publication takes into account more recent information.**

The Canadian macro-economic forecasts for 2008 to 2013 are from the Conference Board of Canada outlook published in December 2008 except for the crude oil price and the exchange rate in 2009, 2010 and 2011 which reflects the IMF outlook. The average year-to-year percentage change over that period is used for the remainder of the outlook period for each macro-economic variables used in FARM.



INTERNATIONAL MARKETS

Macroeconomic assumptions

- The world population is expected to grow by slightly more than 1% per year. Growth in developing countries is anticipated to be almost three times higher than in the OECD and as a result the OECD share of world population should fall from 18.2 to 17.1%.
- World gross domestic product (GDP) growth will be sliding from 5% in 2006 and 2007 to 3.7 and 2.2% respectively in 2008 and 2009. The GDP of the OECD should be declining in 2009 for the first time in the postwar period and should be slightly above 2% for the remaining years of the outlook. Growth of the emerging and developing economies is also falling but remains above 5% even in 2009. Growth in China, Russia, South Africa and India is expected to be the strongest.
- The inflation rate should jump to 3.6% in 2008 as the OECD economies absorb the higher commodity prices. With their recent decline, inflation should fall to 1.4% in 2009 and remains slightly above 2% for the remaining years of the outlook. Inflation will be much stronger in the emerging and developing economies with 9.2% in 2008 and 7.1% in 2009.
- Most major currencies have continued to appreciate against the U.S. dollar in 2008. The recent fluctuations in exchange rates as a result of the turmoil in the financial markets have not been taken into account. The exchange rate of Australia, Canada, Mexico, Korea, Japan, Argentina, Brazil and Russia are assumed to be constant in real terms over the medium term. The euro is assumed to depreciate but from a very high level. The exchange rate of all other developing countries is assumed to depreciate by 2% in real terms per year from 2010 to the end of the outlook except the Chinese yuan which should appreciate by 2% per year.
- The price of crude oil is assumed to fall to 69 U.S.\$/barrel in 2009 and to gradually return to 95 U.S.\$/bbl by 2012 and remain stable in real terms in the subsequent years of the outlook.

Foreign policies

- The country of origin labeling (COOL) is implemented on the 30th of September 2008 by the U.S. The new U.S. Average Crop Revenue Election (ACRE) will be in place as of the 2009 crop year.
- The mandatory 10% set-aside of arable land in the EU has been eliminated over the entire outlook period. The gradual increase and the elimination of the milk production quota in the EU are not included in the outlook.
- A tax of 35% is imposed on Argentinean oilseed exports for the duration of the outlook.
- Russian grain exports are not affected by export taxes.
- China maintains value added taxes on grains traded and corn and wheat imports are much smaller than their respective TRQs.
- Mexican direct and procampo payments are assumed to be stable in nominal terms.
- Restrictions on Korean beef imports in relation to bovine spongiform encephalopathy (BSE) are eliminated.

Biofuel markets

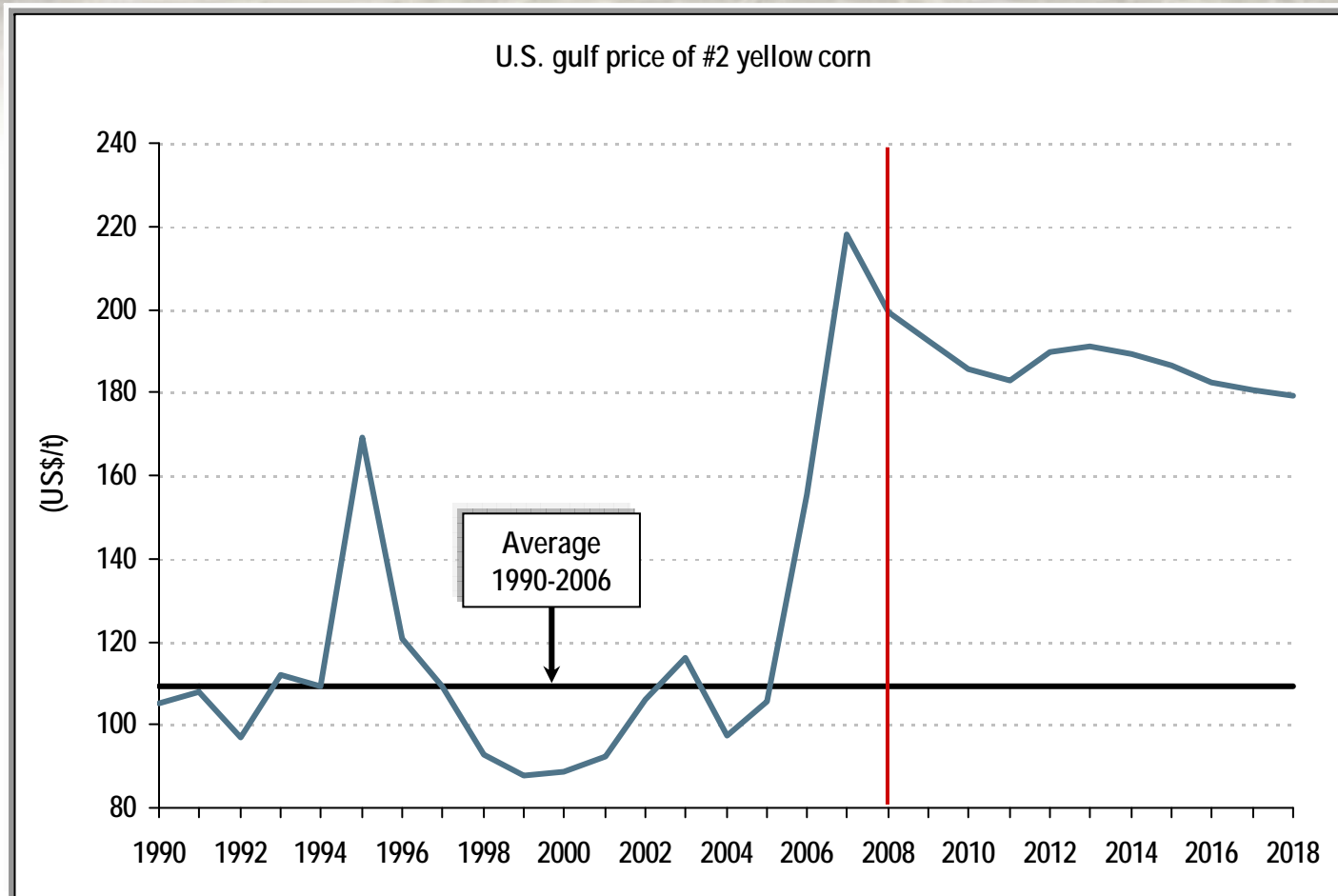
- It is assumed that all the yearly renewable fuel mandates announced by the U.S. in December 2007 will be at least reached over the outlook period.
 - ❖ By 2015 the U.S. will be consuming 56.7 billion liters of corn based ethanol and will be producing slightly more because Canada will be a net importer.
 - ❖ By 2018 the U.S. will be producing and consuming 26.5 billion liters of cellulosic ethanol of which 50% is assumed to be from crop residue, 25% from switch grass grown on land not suited for food crop production while the remaining 25% will be switch grass grown on land that would otherwise have been used for cereals and oilseeds production.
 - ❖ The bio-diesel mandate established at 3.78 billion liters will be met by 2012 and consumption will remain at that level after 2012. Most of the mandate will be fulfilled by local production of which 27% will be from tallow and inedible animal fat.
 - ❖ By 2018, 11.3 billion liters of ethanol will also be consumed under the other advanced biofuels mandate. This mandate will initially be met by imports of dehydrated Brazilian ethanol from the Caribbean until it gradually reach the tariff rate quota (7% of U.S. ethanol consumption) in 2016. The rest of the other advanced biofuels mandate will be mostly fulfilled by imports of ethanol from sugar cane produced in the Caribbean and Central American countries. These imports will not be significant until 2017.
- As announced in the Farm Bill, the ethanol tax credit will be reduced from 13.5 to 11.9 U.S. cents per liter in 2009.
- Price of other advanced biofuels will be higher than corn based ethanol because it will reflect the next lowest cost of producing ethanol in the U.S., i.e. from wheat. It will however not be high enough to allow direct imports from Brazil. Price of cellulosic ethanol will be even higher in spite of technological progress.
- The corn based ethanol mandate in the U.S. will be binding on a permanent basis by 2010 and as a result blenders will be forced to increase the price of gasoline in order to finance the losses on ethanol. In this situation the link between crude oil and corn price will be weaker.
- The European union biofuel consumption will gradually reach 5% of transport fuel (net energy basis). Imports will count for 50 and 22% of consumption respectively in 2010 and 2018.
- World biofuels production should increase from 75 billion liters in 2007 to 190 in 2018.



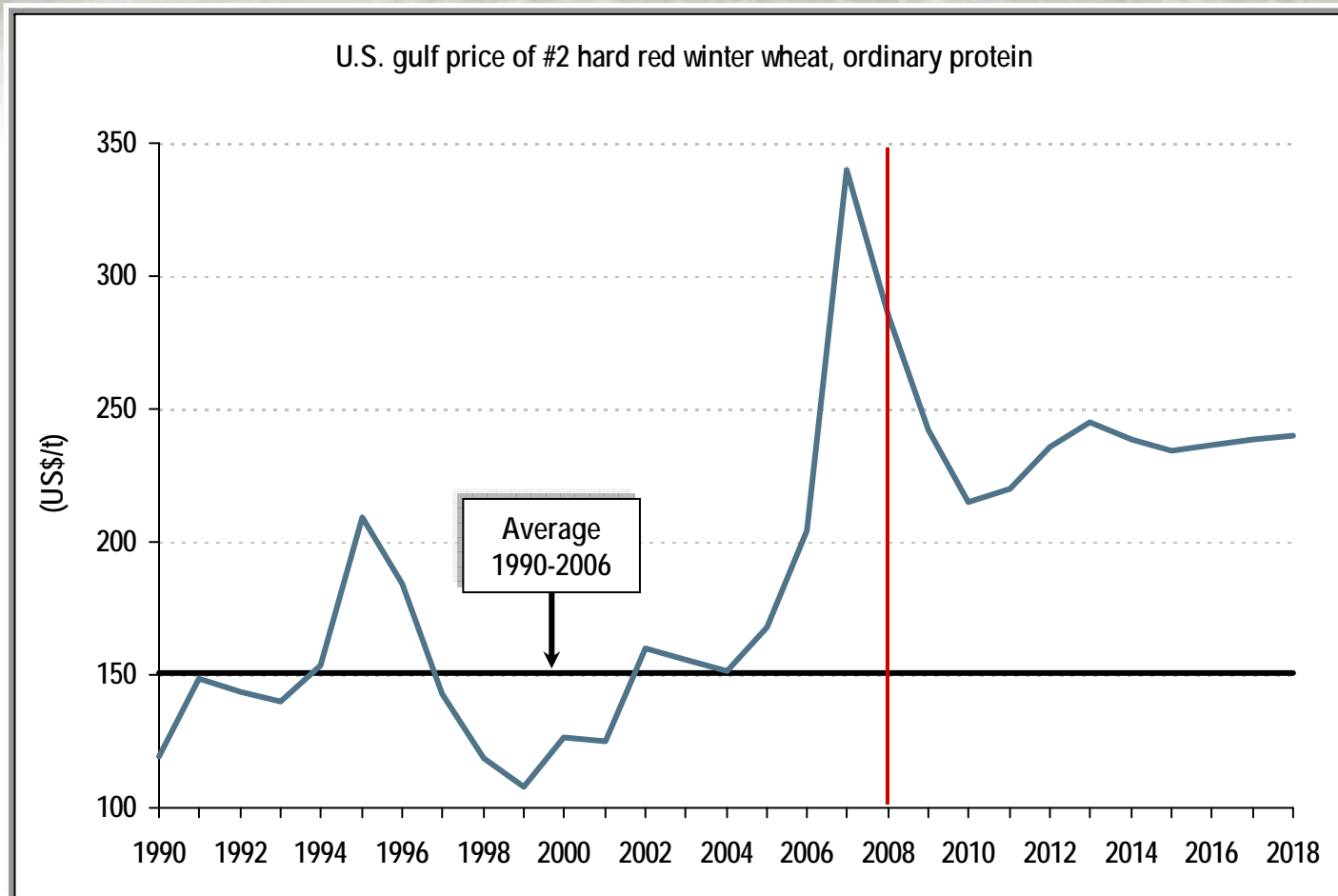
Highlights

- The world economic downturn in the short term and the sharp increase in world crop production resulting from last year's record prices combined with favorable weather will lead to a strong decline in world prices in 2008-09. The anticipated economic recovery in 2010, a gradual return to a 100 U.S.\$/barrel crude oil price by 2015 and the large biofuel mandates in the U.S. will all contribute to new higher price plateau over the medium term compared to the period before 2006. The highest plateau will be recorded for vegetable oil, sugar and oilseeds.
- Because of the high feed cost the trough of the current U.S. hog price cycle will not be as low as the previous one. The next peak should be reached in 2010 and 2011. The hog-corn price ratio should improve over the medium term compared to 2008 and 2009 but will not return to levels prevailing before the large increase in crop prices. This will also be the case for the steer-corn ratio since farmers will be able to mitigate part of the cost increase by changing feeding practices (more short keep) and by using more distiller's dried grains (DDG). The next trough in the U.S. cattle price cycle should be in 2011/12. U.S. poultry and eggs prices should adjust the most rapidly to the higher cost since feed counts for the largest proportion of variable cost and the production cycle is the shortest.
- After a large decline in 2009 resulting mostly from the macro economic downturn, world prices of dairy products are expected to increase over the medium term because of strong demand, production constraints in Oceania, higher cost of production and lower subsidized exports. At the end of the outlook period prices should be lower than in 2008 but significantly higher than at the beginning of the century.

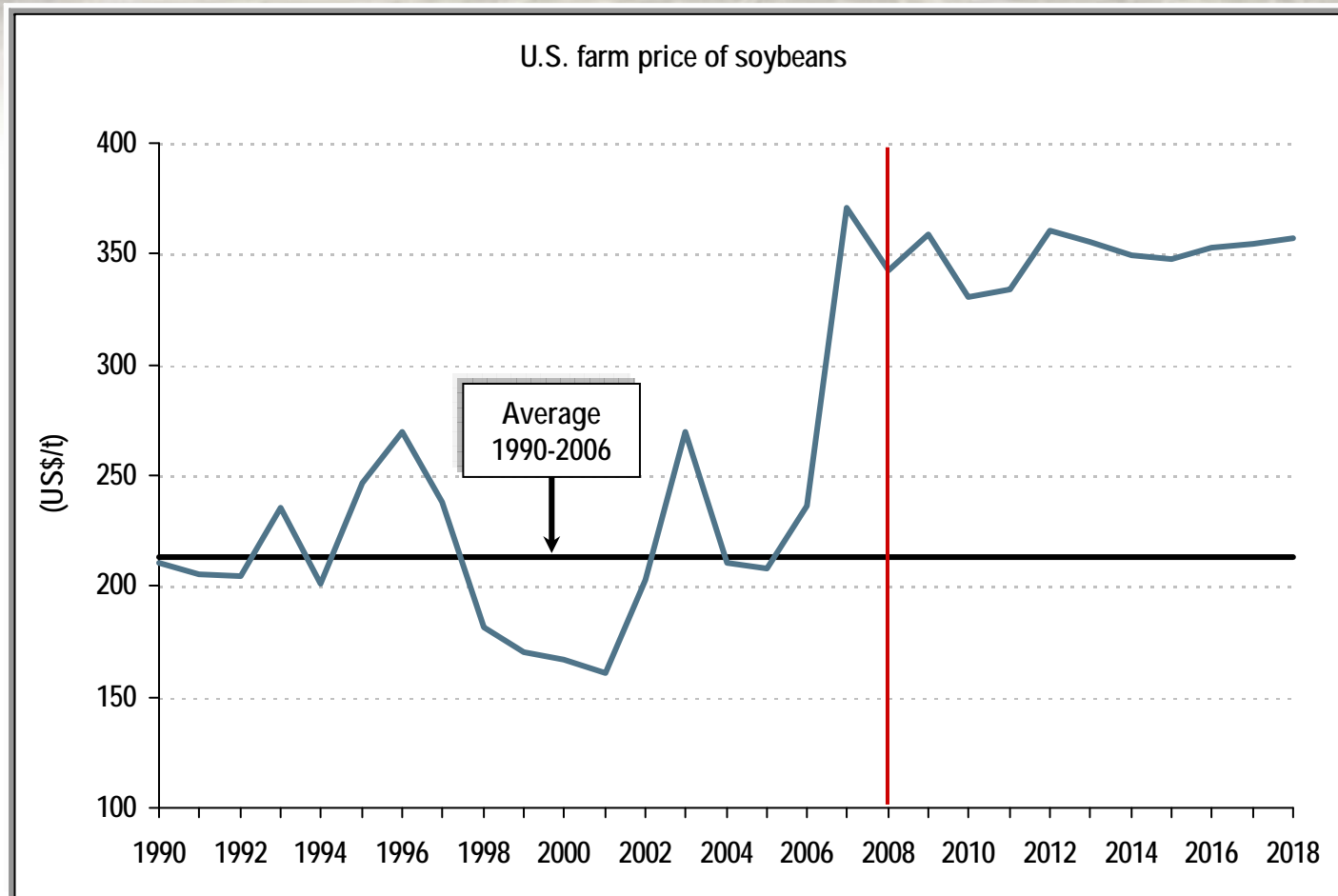
Stronger demand for corn is expected to lead to a new higher world price plateau



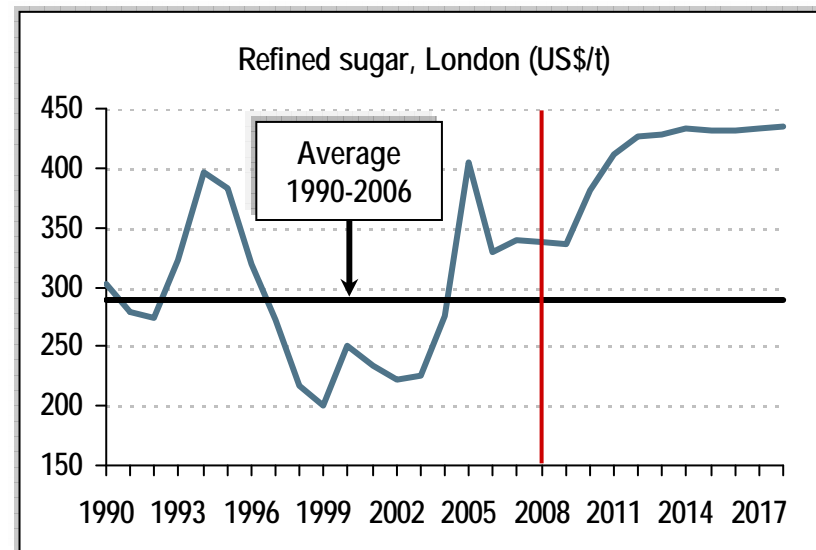
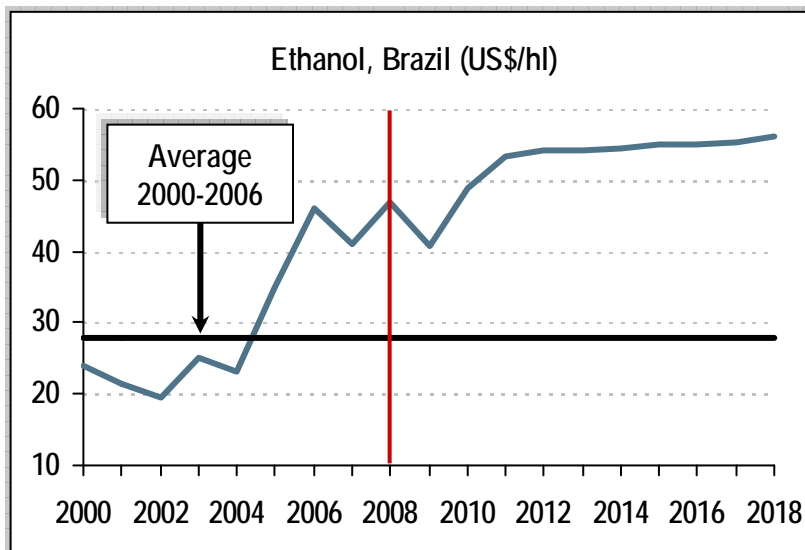
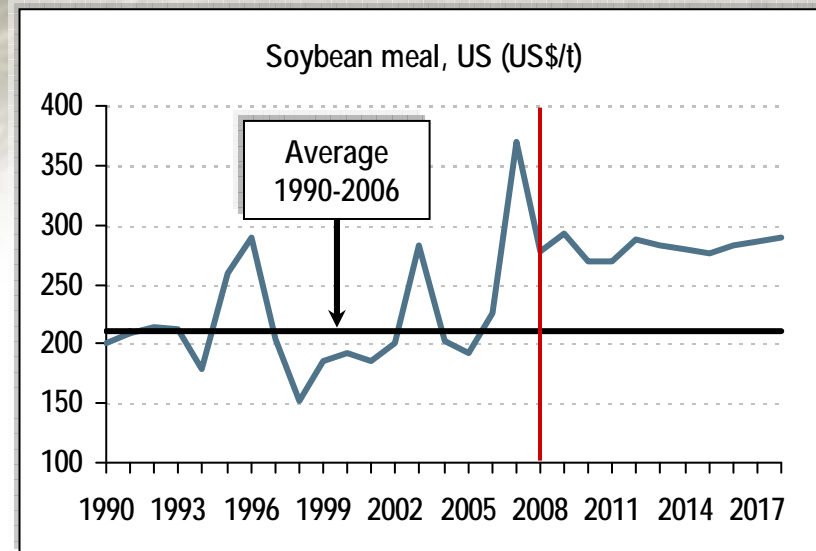
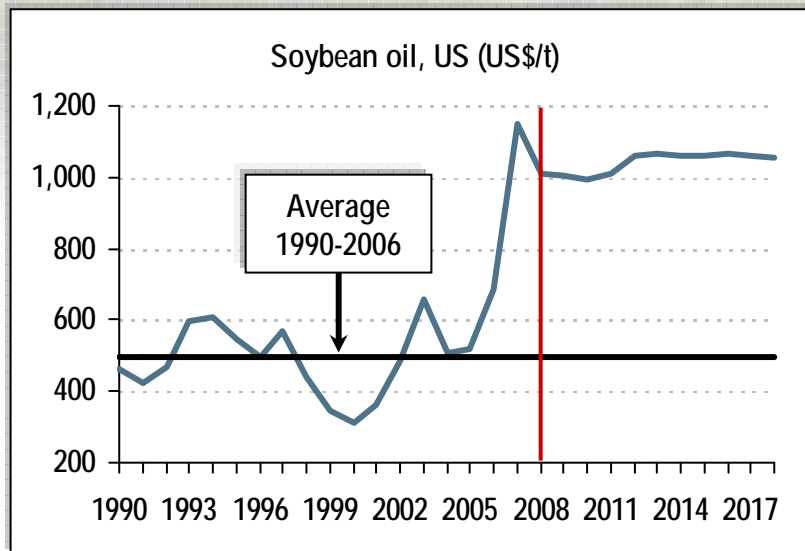
Wheat prices should also reach a new plateau partly because of the substitution with coarse grains on the feed demand and supply side



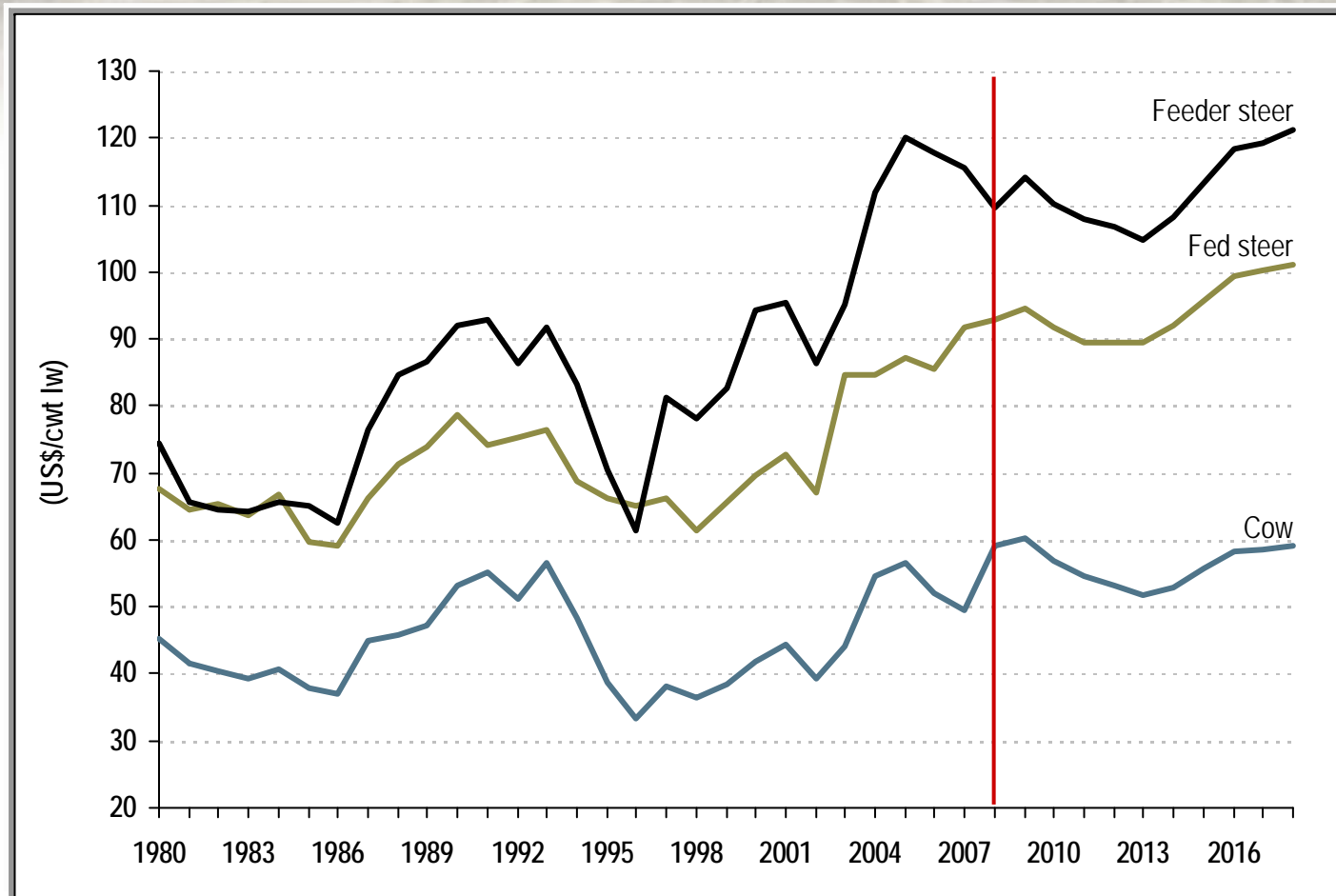
The growing demand for vegetable oils and the strong substitution on the supply side with corn should result in higher soybean prices



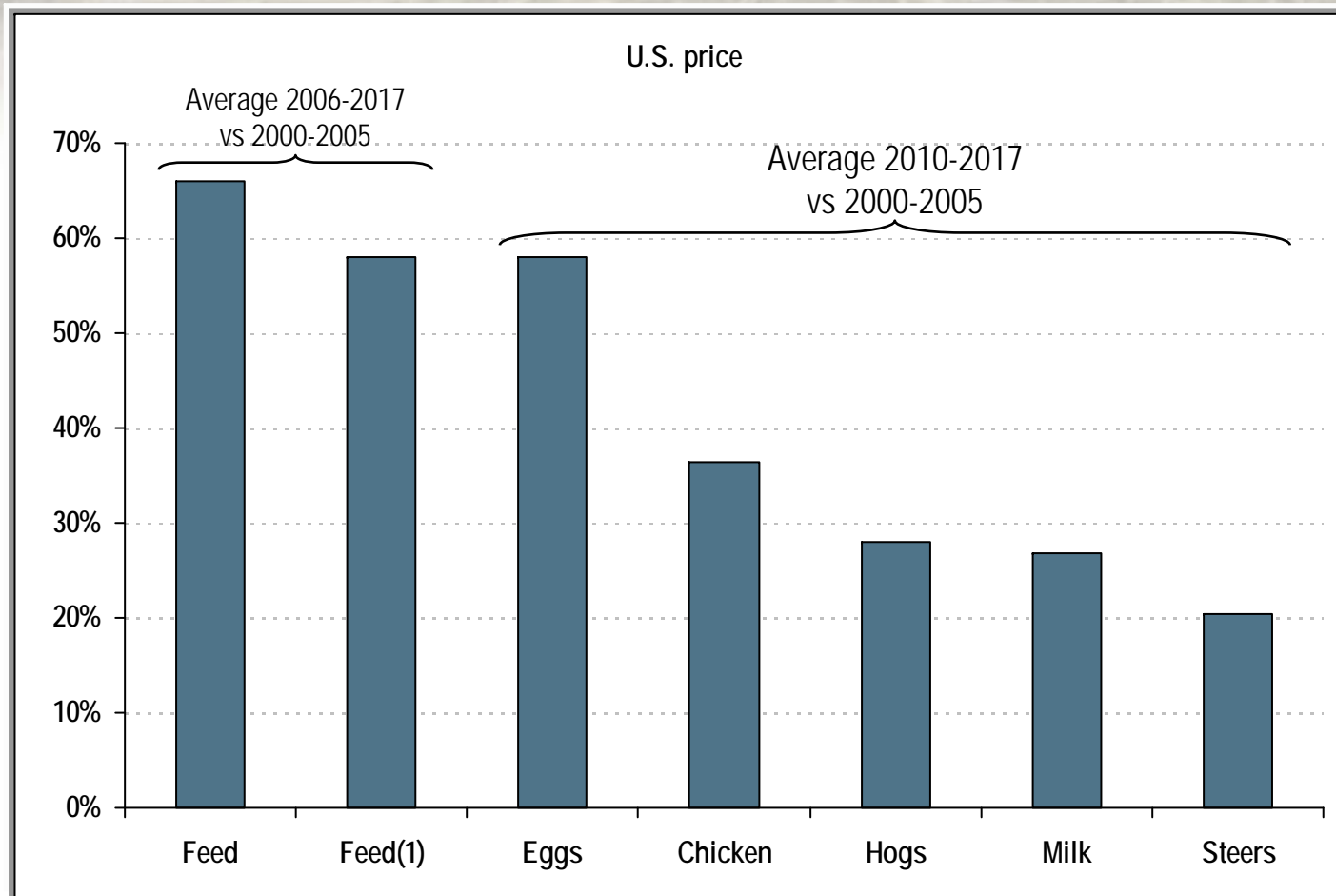
New higher world price plateau are also expected for further processed products



The rise in the steer/corn price ratio will be delayed by the economic recession and the relationship between the feeder and the feed steer prices is affected by the DDG

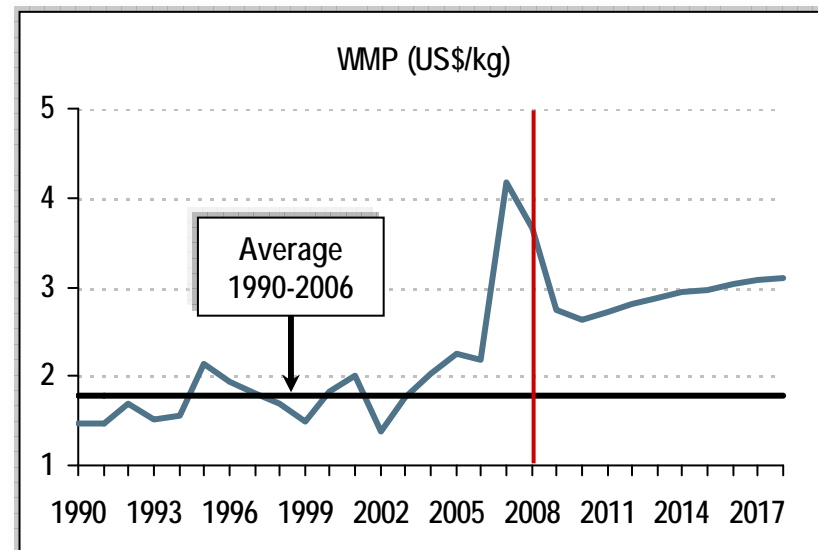
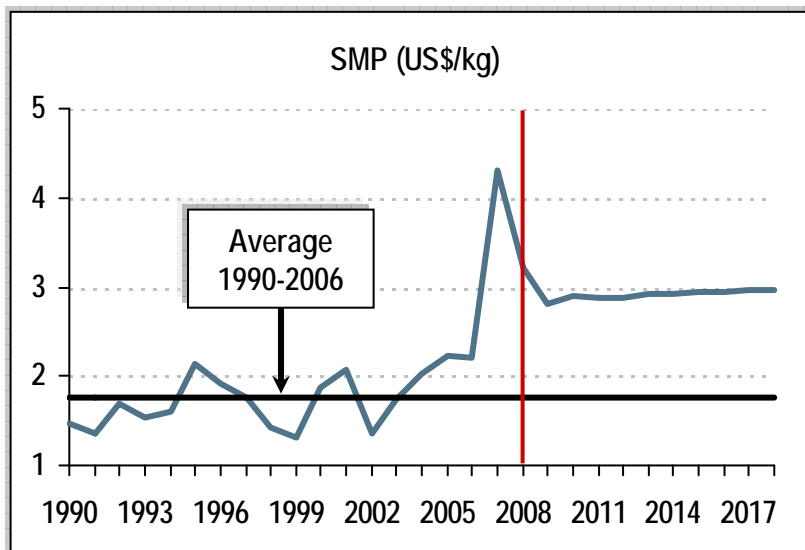
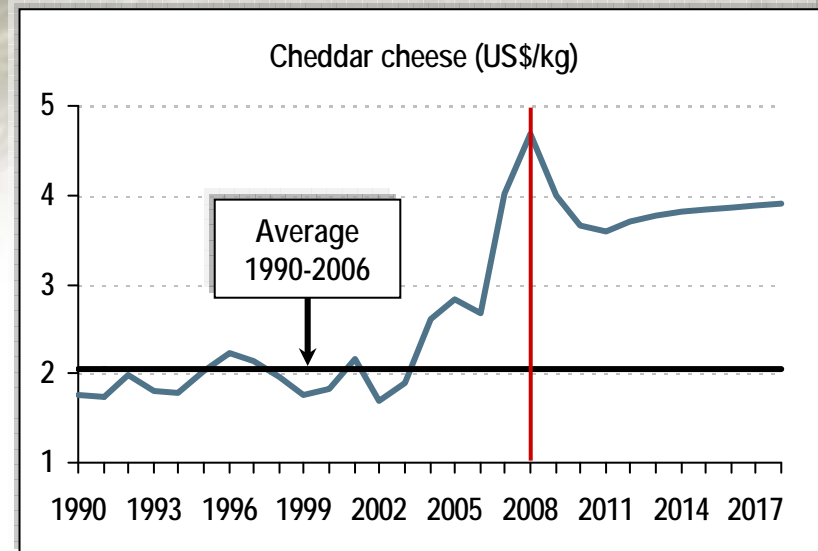
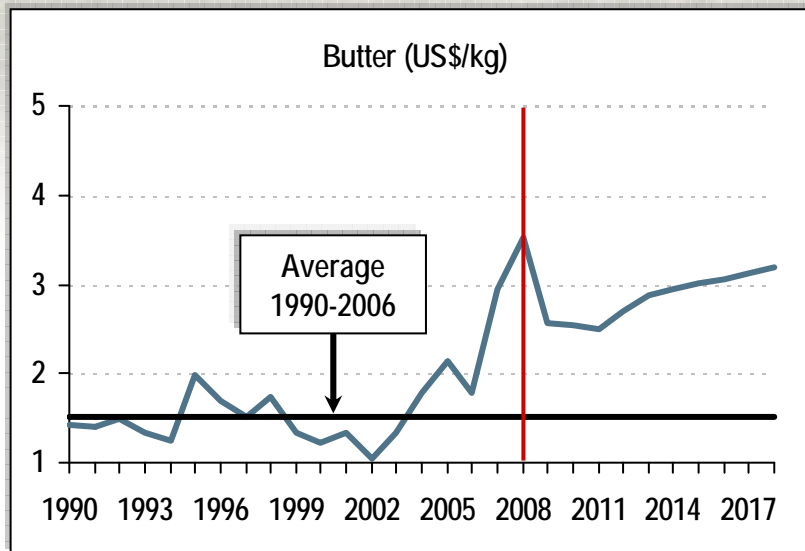


Livestock prices are expected to increase eventually as a result of increasing production cost caused by the higher feed prices



(1) Feed with DDG.

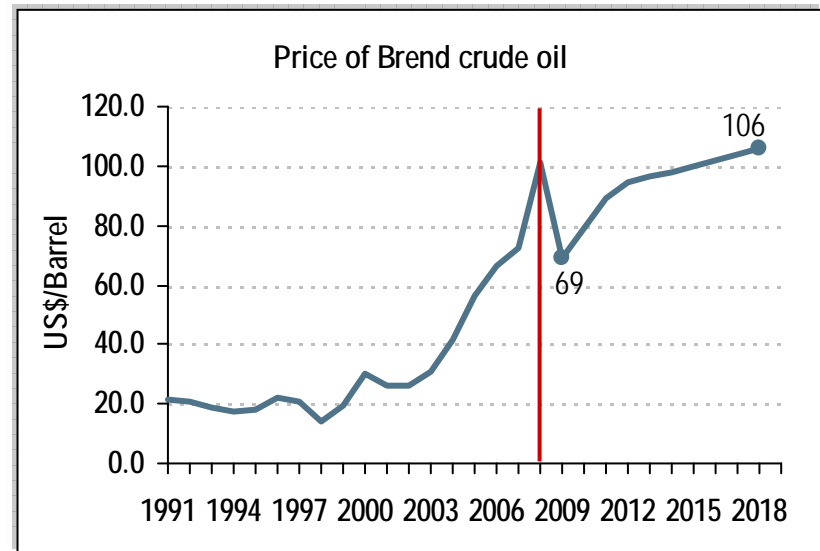
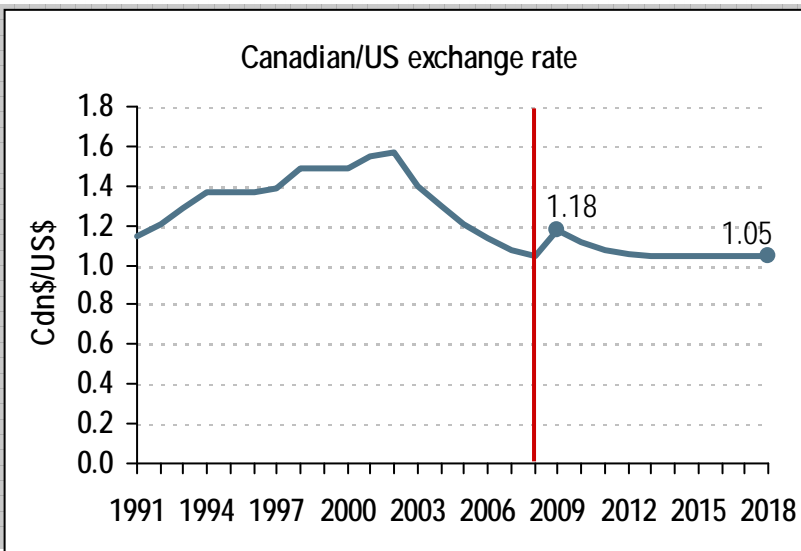
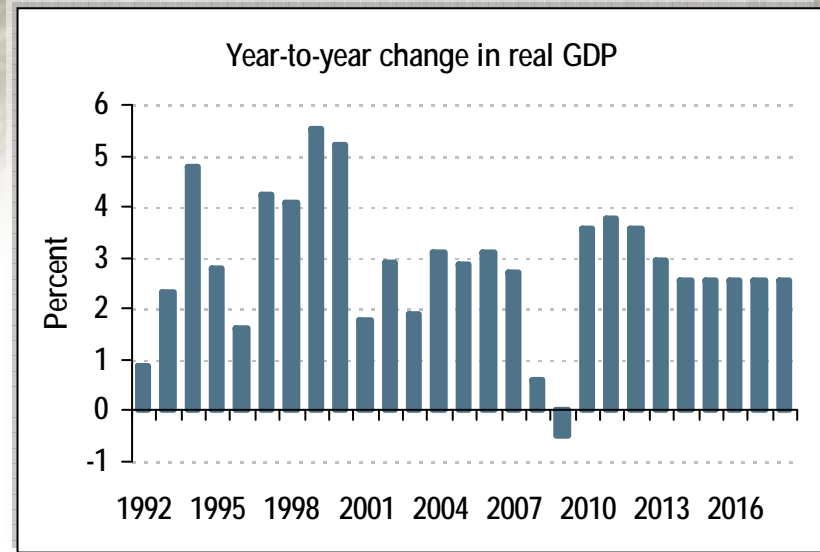
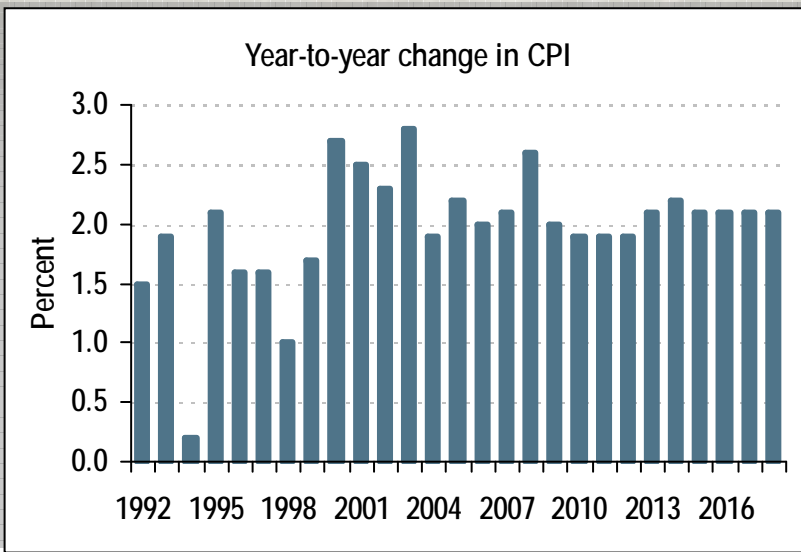
Strong demand, supply constraints in Oceania, higher cost of production and lower subsidized exports are projected to result in new higher world price plateau for dairy products





NATIONAL MARKETS

National assumptions: Macroeconomic Outlook



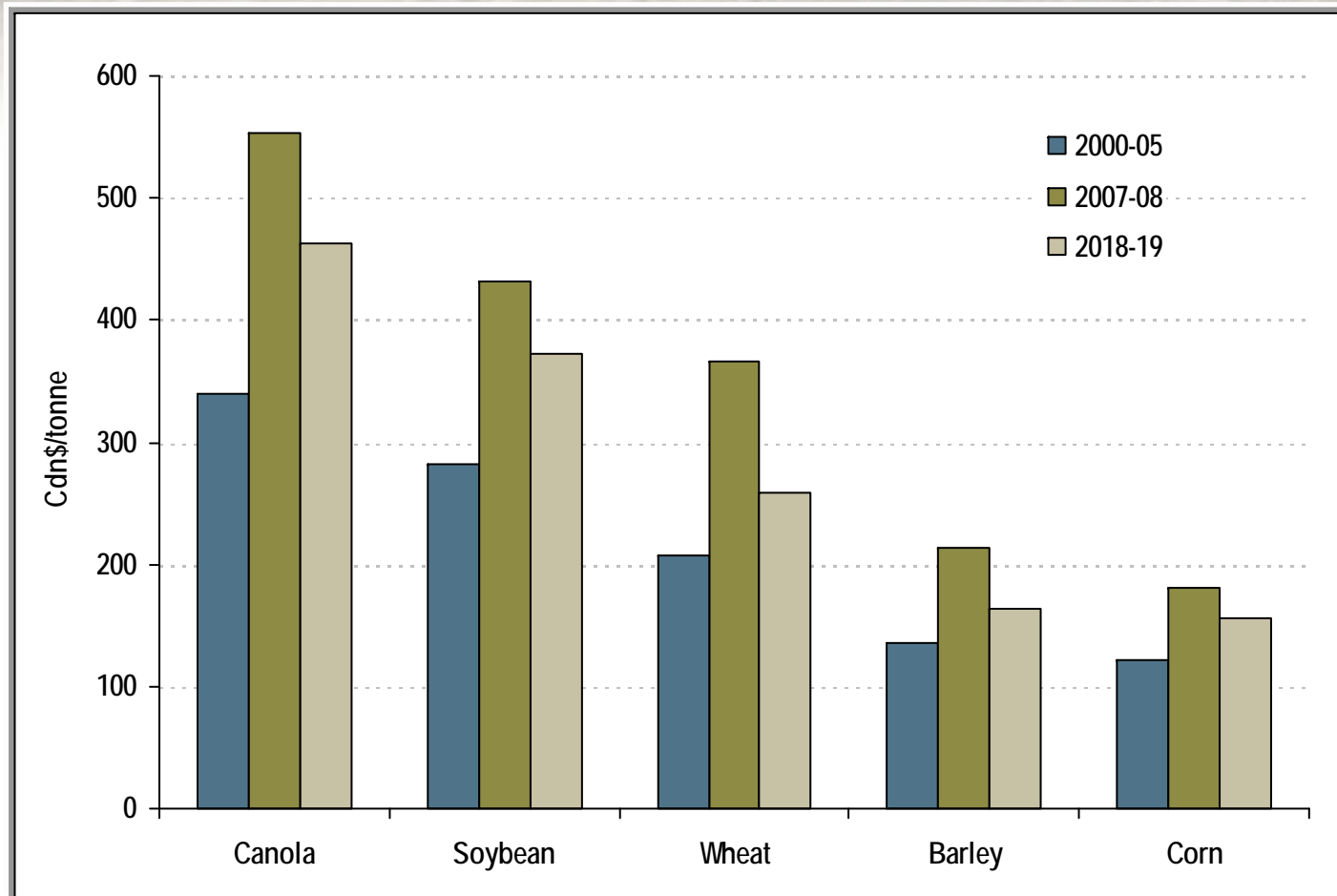
National assumptions

- The Canadian population is projected to increase by 1% per year.
- The single car grain transportation rate is projected to increase at half the rate of inflation as efficiencies gained under the revenue cap partially off-set rising costs. Grain elevation rates are assumed to increase in line with the rate of inflation.
- Grains and oilseeds yield are generally expected to increase at trend rates.
- It is assumed that the Federal regulations requiring an annual average renewable content of 5% in gasoline by 2010 and 2% in diesel fuel and heating oil by 2012 will be implemented.
- Ethanol plants that have planned to start production in 2007/2008 and 2008/2009 are assumed to produce at full capacity. The by-product of ethanol production, distiller's dried grains (DDG), are assumed to be easily incorporated in feed rations.
- Exports to the U.S. of cattle and beef from cattle over thirty months (OTM) of age resume in 2008.
- The moratorium on hog production in Manitoba is maintained over the entire outlook period and the post mortem weanling syndrome (PMWS) does not re-appear. The budget of the cull breeding swine program will be fully used.
- The industrial milk price is expected to grow modestly with most of the increase coming from the milk fat price.
- The fat/solids-not-fat ratio for raw milk should be relatively stable as measures implemented by producers are maintained.

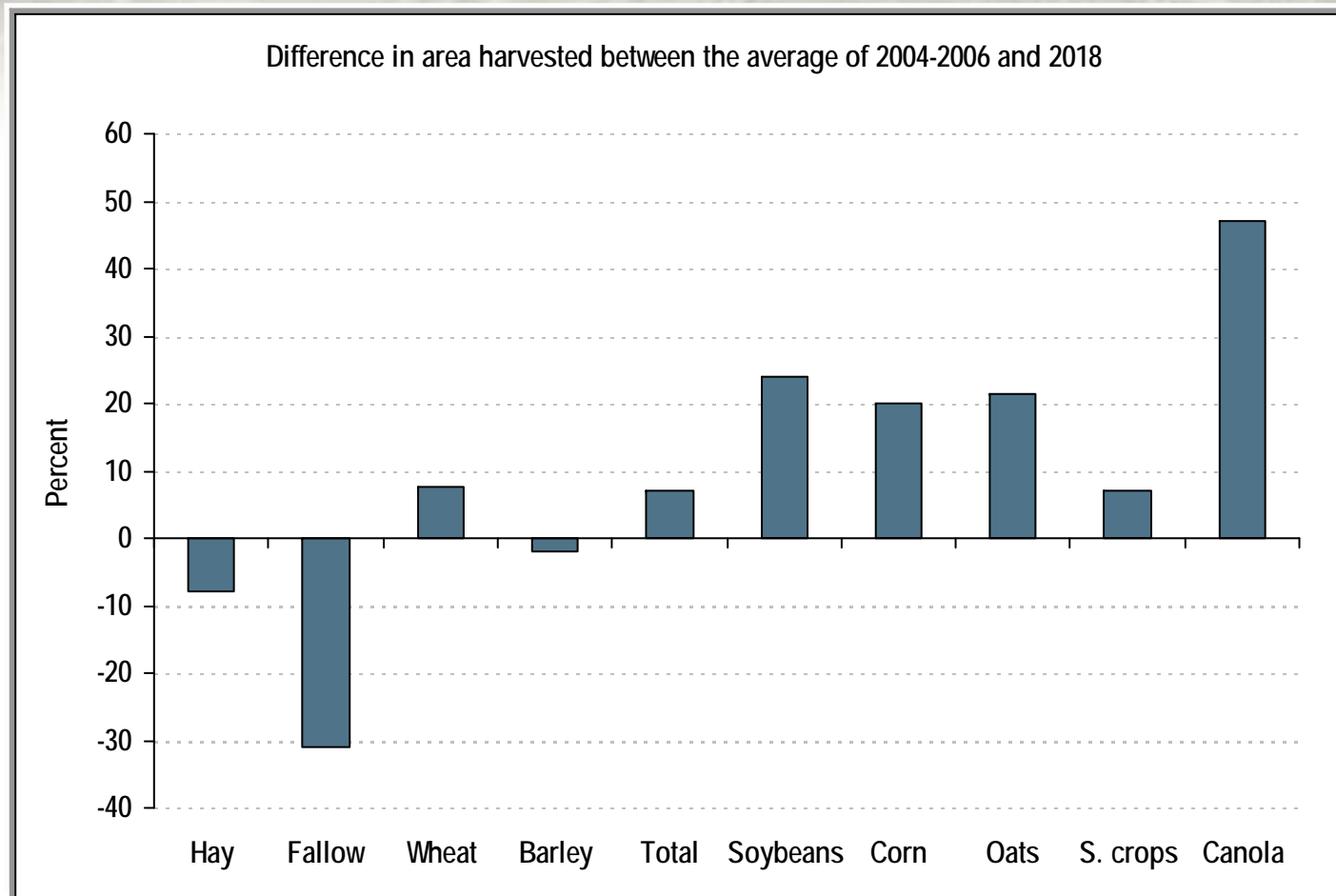
Highlights: crops

- The key drivers of the Canadian outlook are world prices, the exchange rate, the expansion of bio-fuel production and the contraction of the red meat industry.
- The depreciation of the Canadian dollar will not entirely compensate for the decline in the world prices of grains and oilseeds in the short term and as a result, prices in Canada of most of these commodities are expected to fall significantly in 2008-09.
- For the medium term, prices of grains, oilseeds and special crops are projected to be significantly higher than the period before 2006 in spite of the anticipated appreciation of the Canadian dollar, but below the high levels of 2007. In response, total harvested area is projected to increase compared to the historical average (2004-2006). The largest increase should be recorded for oilseeds followed by coarse grains, while hay and summer fallow area are expected to decline.
- The reduction in feed demand resulting from the contraction of the red meat industry and the use of DDG combine with the larger production will lead to higher export of wheat and a return to a net export position for the main feed grains (corn and barley) by 2013 in spite of a larger use of wheat and corn by the biofuel industry. Corn and barley prices will therefore not be determined on a full import basis anymore.
- For Canada to meet its target, biofuel imports will have to increase in spite of a rapid and large expansion in production. Ethanol production in Western Canada is derived from wheat and corn, while Eastern Canada uses solely corn as feedstock.
- Canola crushing capacity is expected to expand, but strong production growth still leads to increasing exports of canola as of 2012. The larger use of canola oil for biodiesel production remains much smaller than the growth in production leading to a strong increase in canola oil exports.

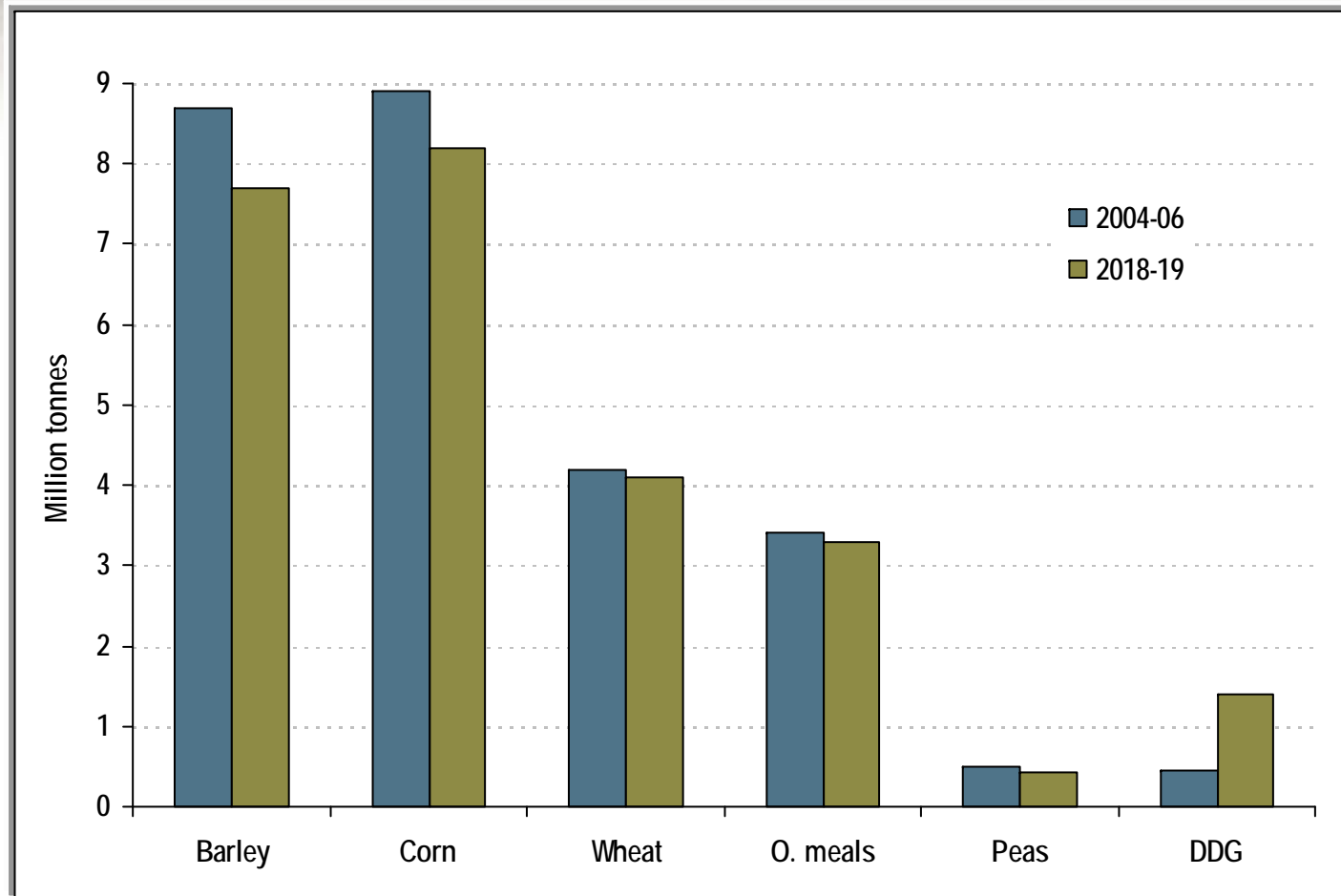
Canadian prices in the medium term will be lower than the latest record highs but substantially higher than at the beginning of the century



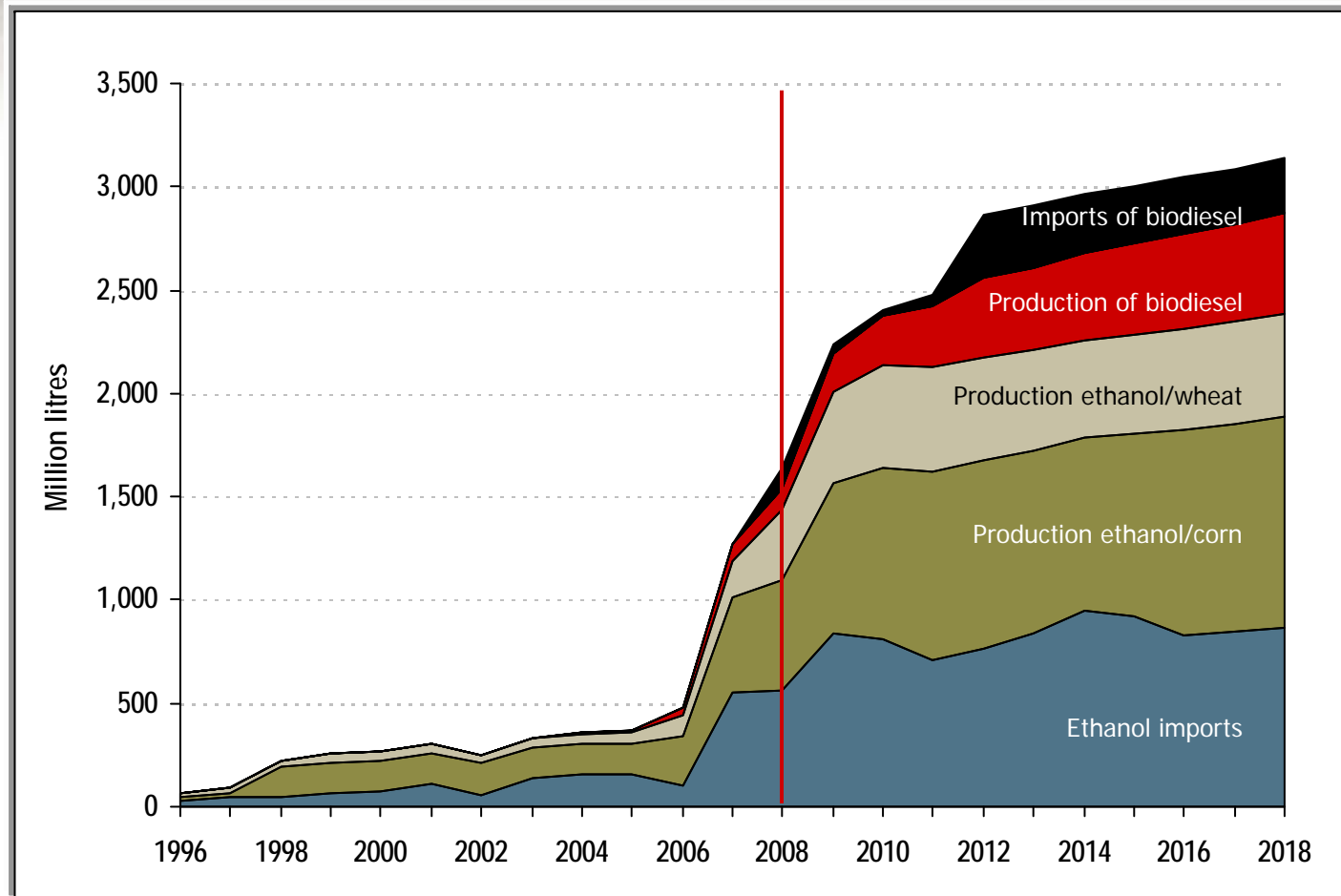
Higher grain and oilseed prices are expected to result in a modest expansion in total area in Canada and relative prices should lead to large increases in canola, corn, soybeans and oats area



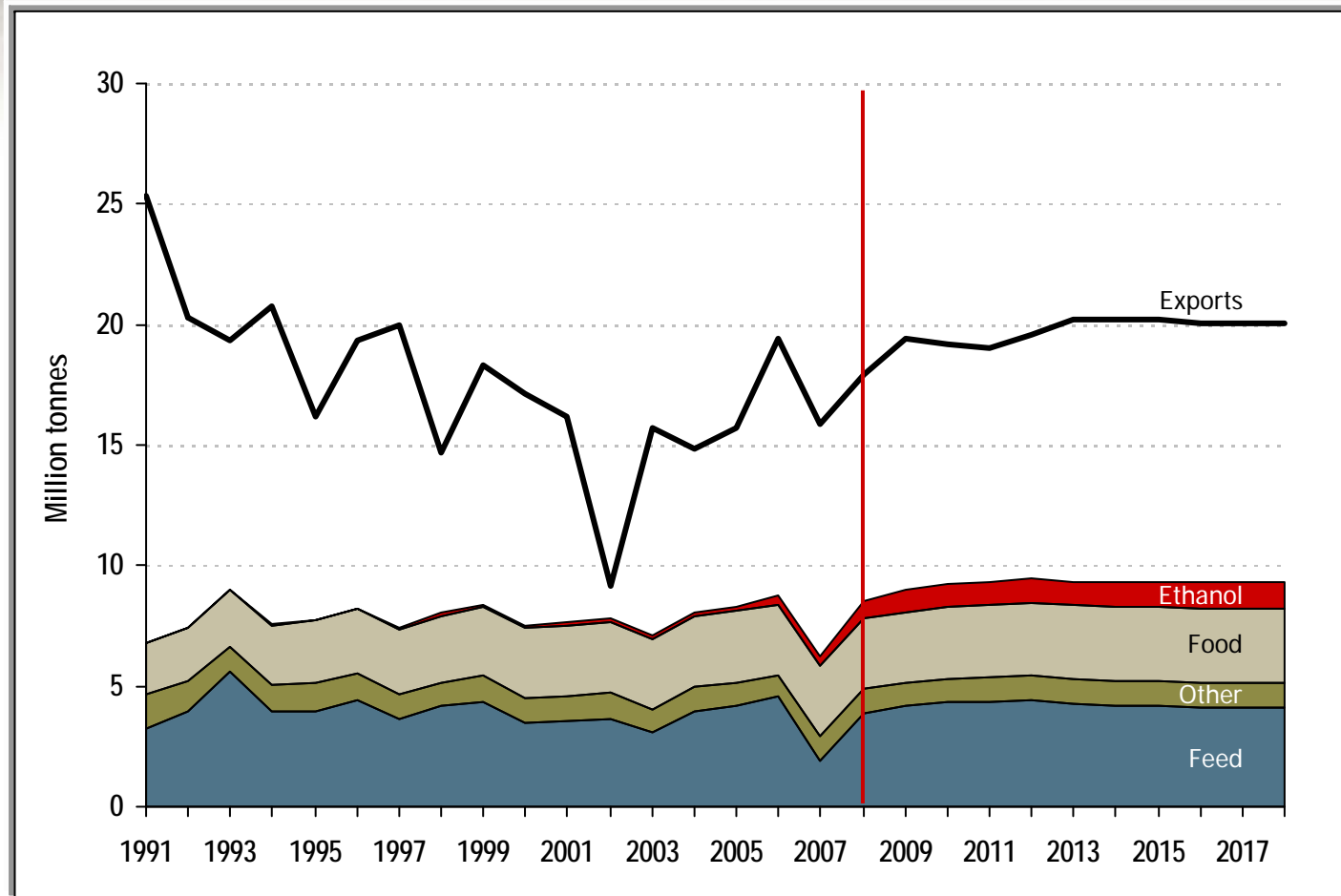
Continued improvement in feed conversion, lower livestock numbers and greater use of DDG reduce coarse grains feed demand



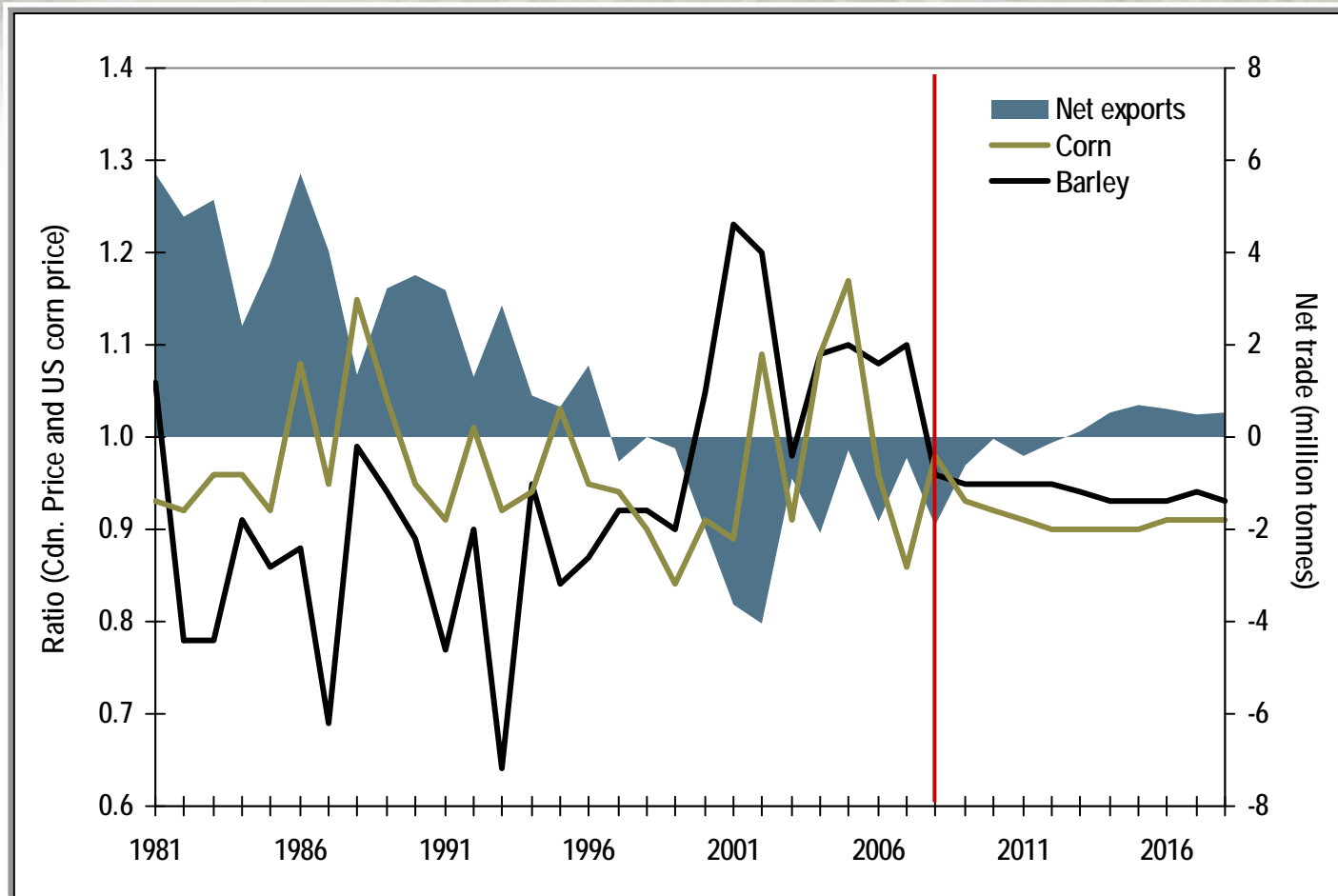
For Canada to meet its target, biofuel imports will have to increase in spite of a rapid and large expansion in production



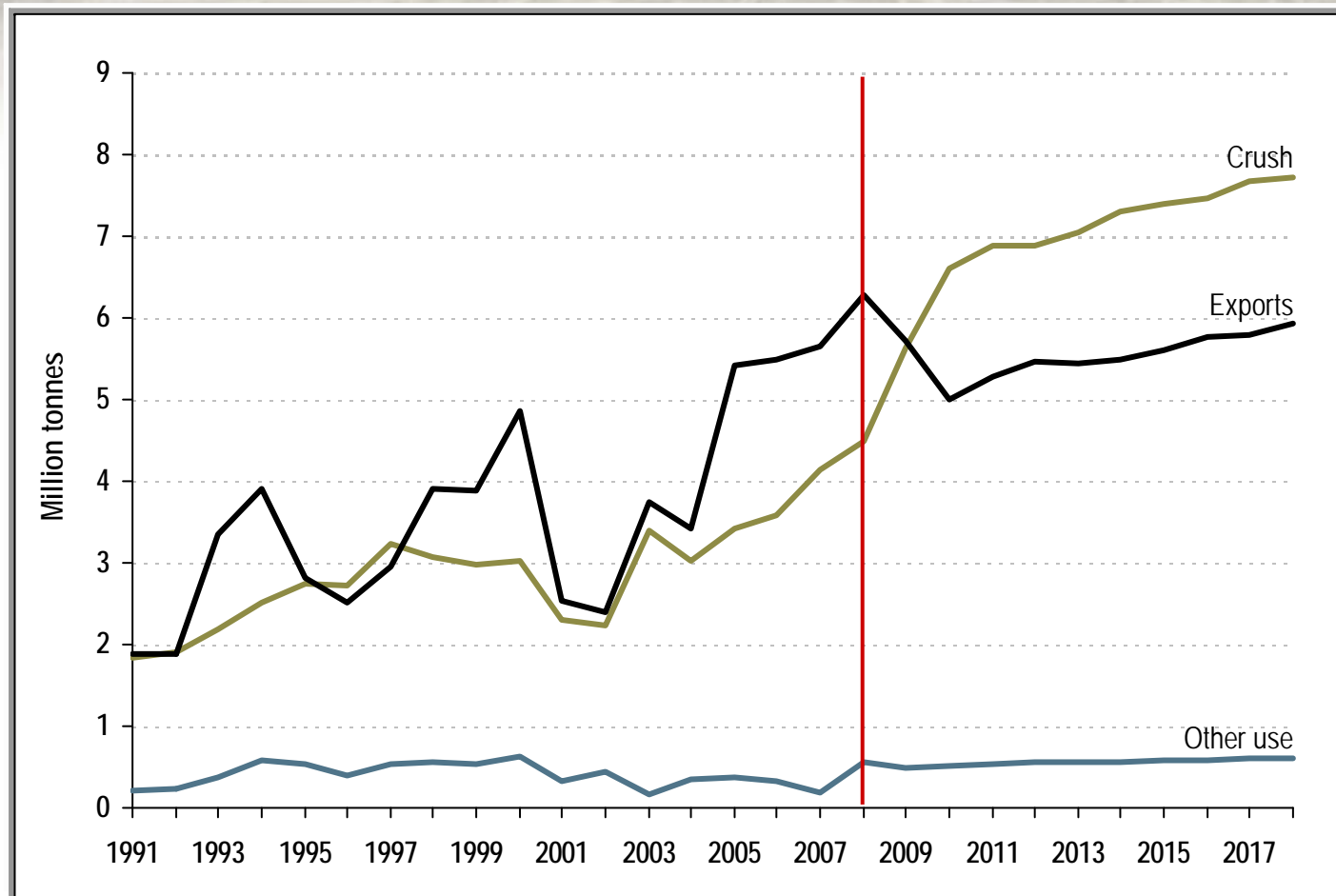
Wheat production is expected to increase sufficiently to allow larger exports in spite of growing demand from the biofuel industry



Lower feed demand and higher production will lead to a reversal of the trade balance of the main feed grains and prices won't remain at the import ceiling



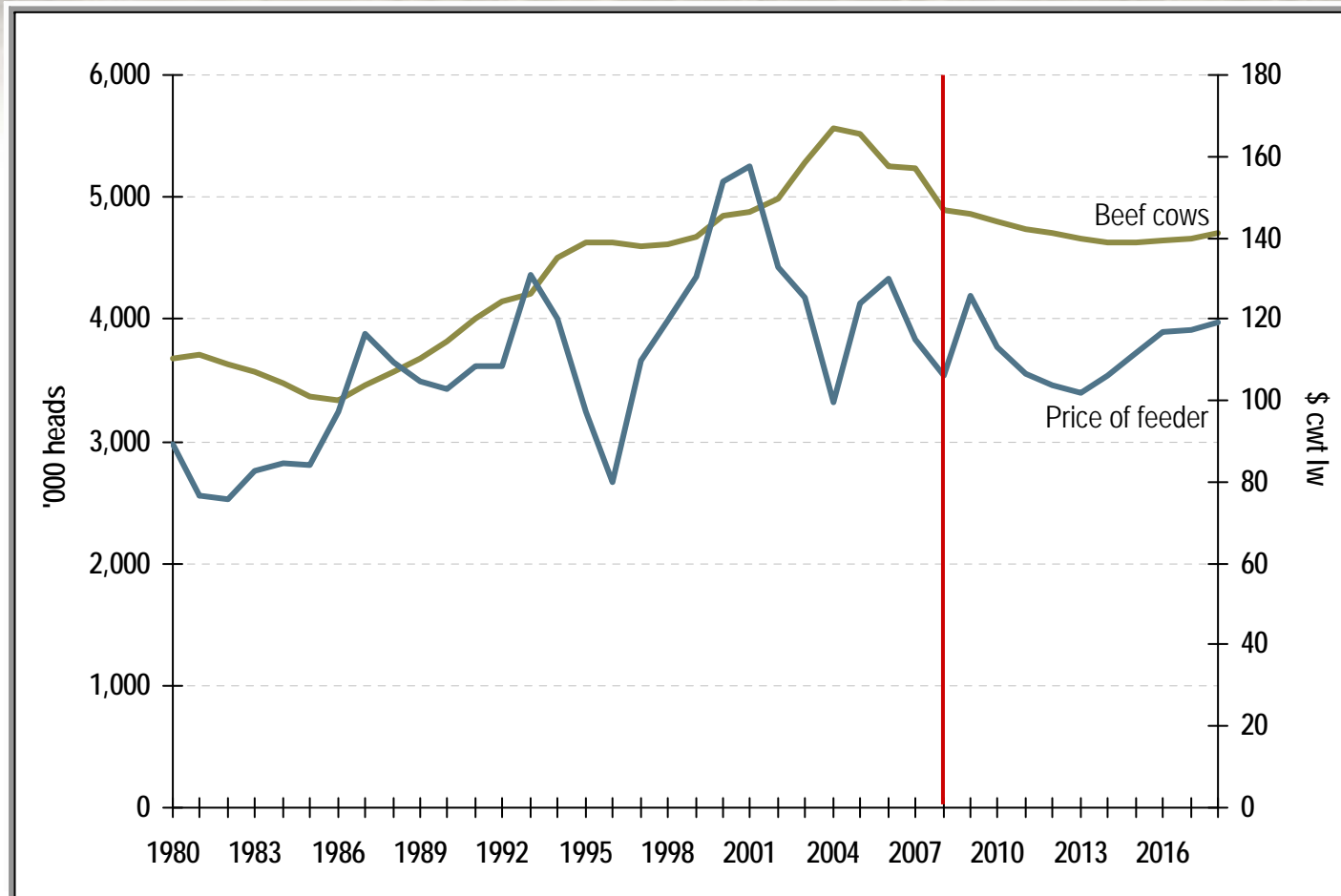
Canada is expected to respond to the growing world vegetable oil demand by crushing more canola domestically



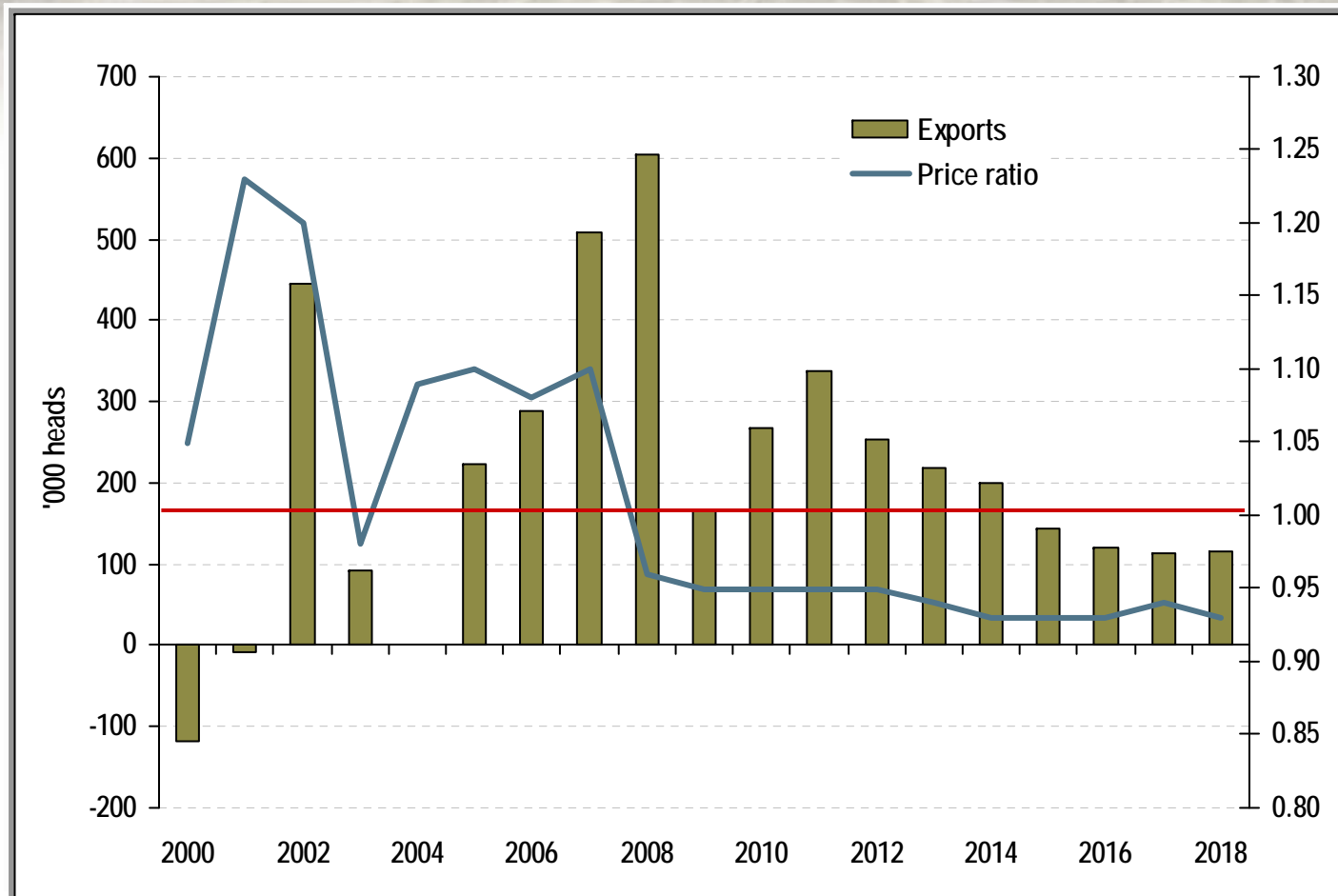
Highlights: red meats

- Relatively high feed grain prices coupled with low prices for hogs and steers and the implementation of COOL in the USA create challenges for the red meat sectors.
- The ability to export OTM cattle, the high price of grain and oilseeds relative to the price of feeder cattle and a strong dollar in the medium term are all contributing to a contraction of the breeding herd until 2015. The growth in the last 3 years of the outlook will not prevent an overall decline of 10% between 2007 and 2018. With a smaller breeding herd, marketings of slaughter cattle also decrease but by only 5% since exports of feeder cattle are expected to be much smaller than in 2007. Cattle slaughter increases in the short-term and then stabilizes over the rest of the outlook because wages made relatively high by the anticipated appreciation of the Canadian dollar still adversely affect slaughter margins. With lower marketings and higher slaughter, exports of slaughter cattle decrease and are substantially lower than historical levels.
- The cull breeding swine program and tight margins are expected to lower the herd of breeding sows. Slaughter hog marketings will follow a cycle but from a lower base resulting from the smaller breeding herd. Hog slaughter remains relatively stable throughout the outlook as low margins prevent expansion. Lower marketings combined with stable slaughter will lead to lower export of slaughter hogs. The moratorium on hog production in Manitoba, COOL and a reversal in the feed grain price basis with the U.S. will all contribute to a reduction in weanling exports.
- The final ruling and the letter sent to the industry by the USA Agriculture Secretary Tom Vilsack regarding COOL were done after the completion of the outlook exercise.

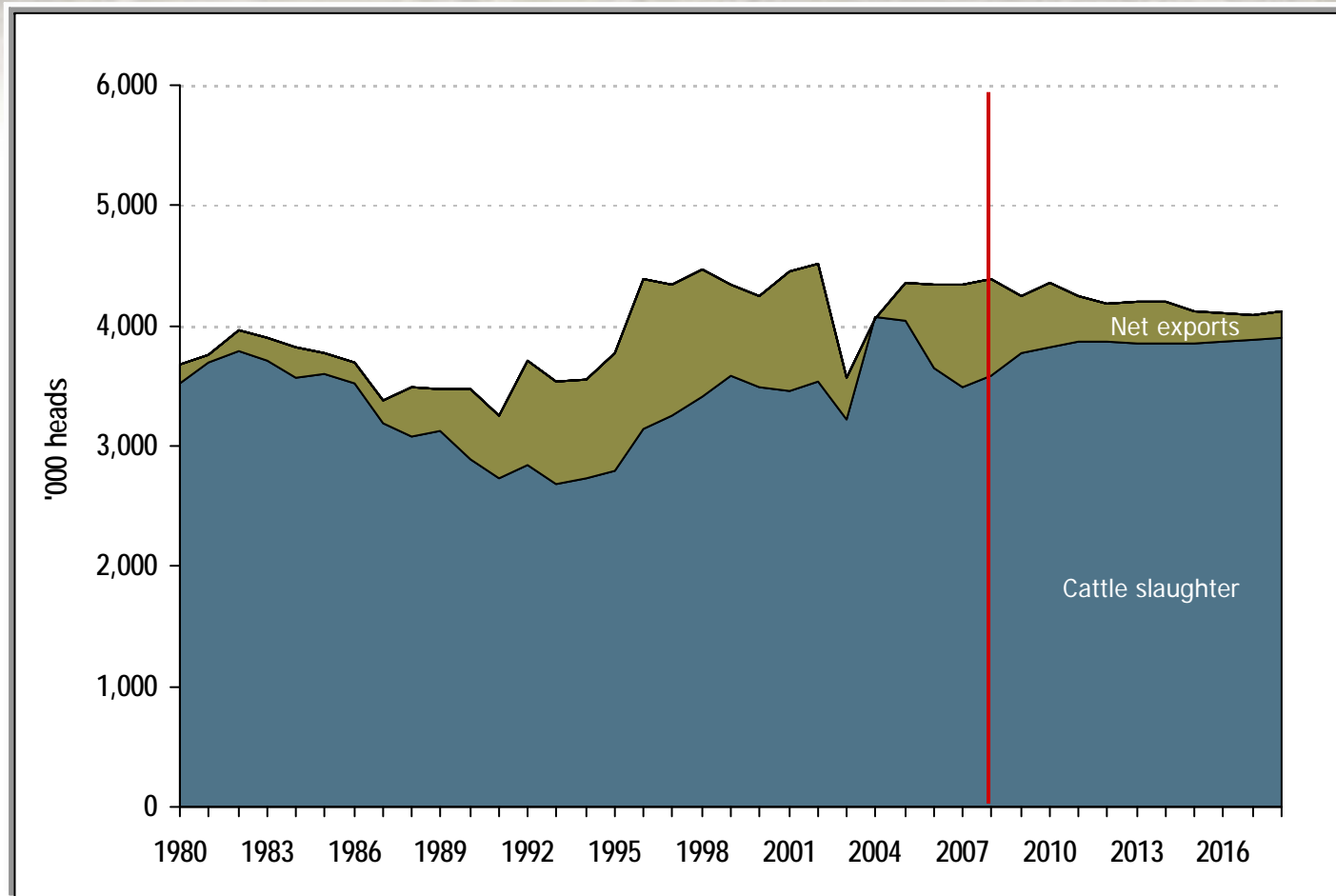
The ability to export OTM cattle, the high price of grain and oilseeds relative to the price of feeder cattle and a strong dollar in the medium term are all contributing to a contraction of the breeding herd



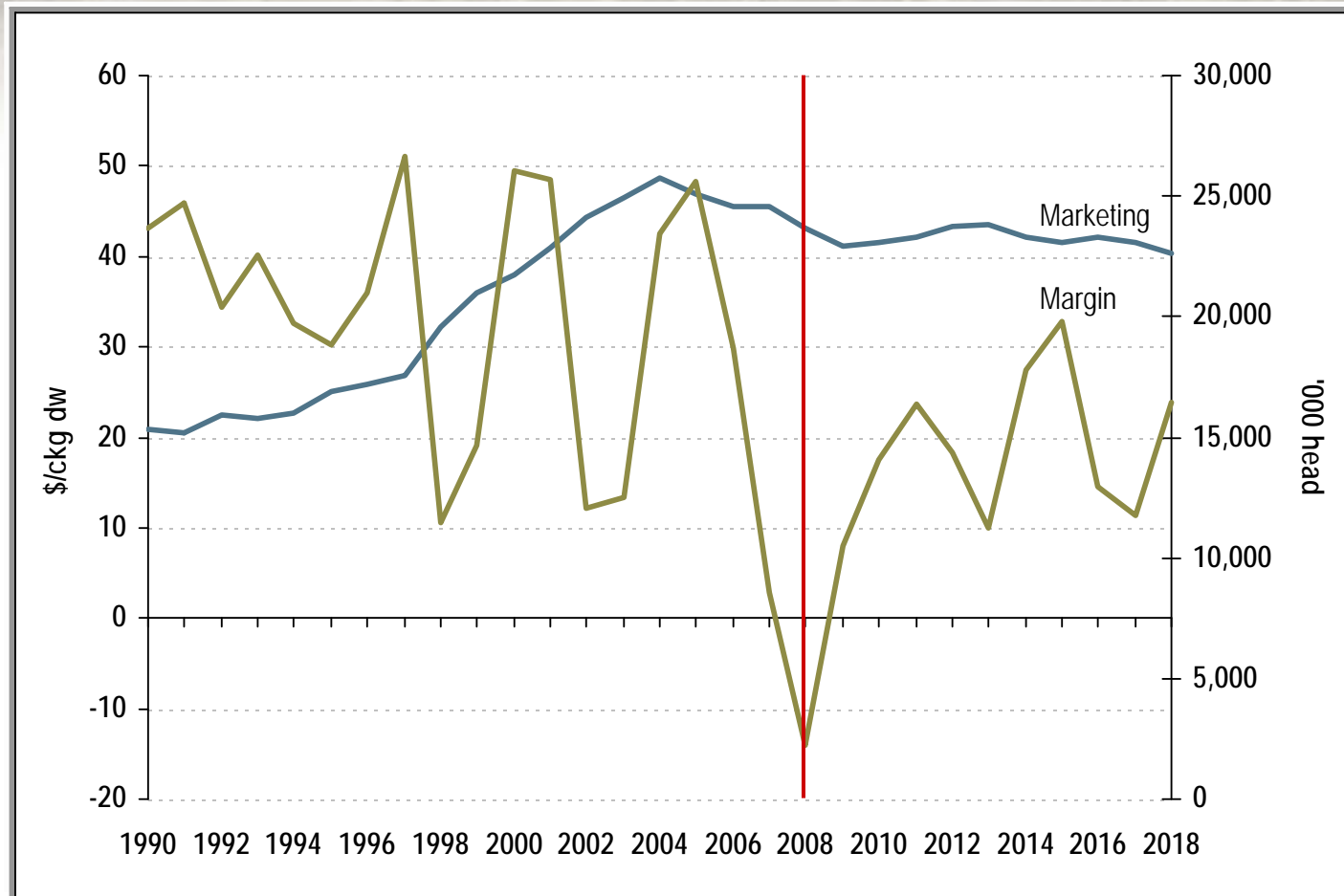
The reduction in the price of barley relative to the U.S. corn and COOL are leading to a large decline in feeder cattle exports



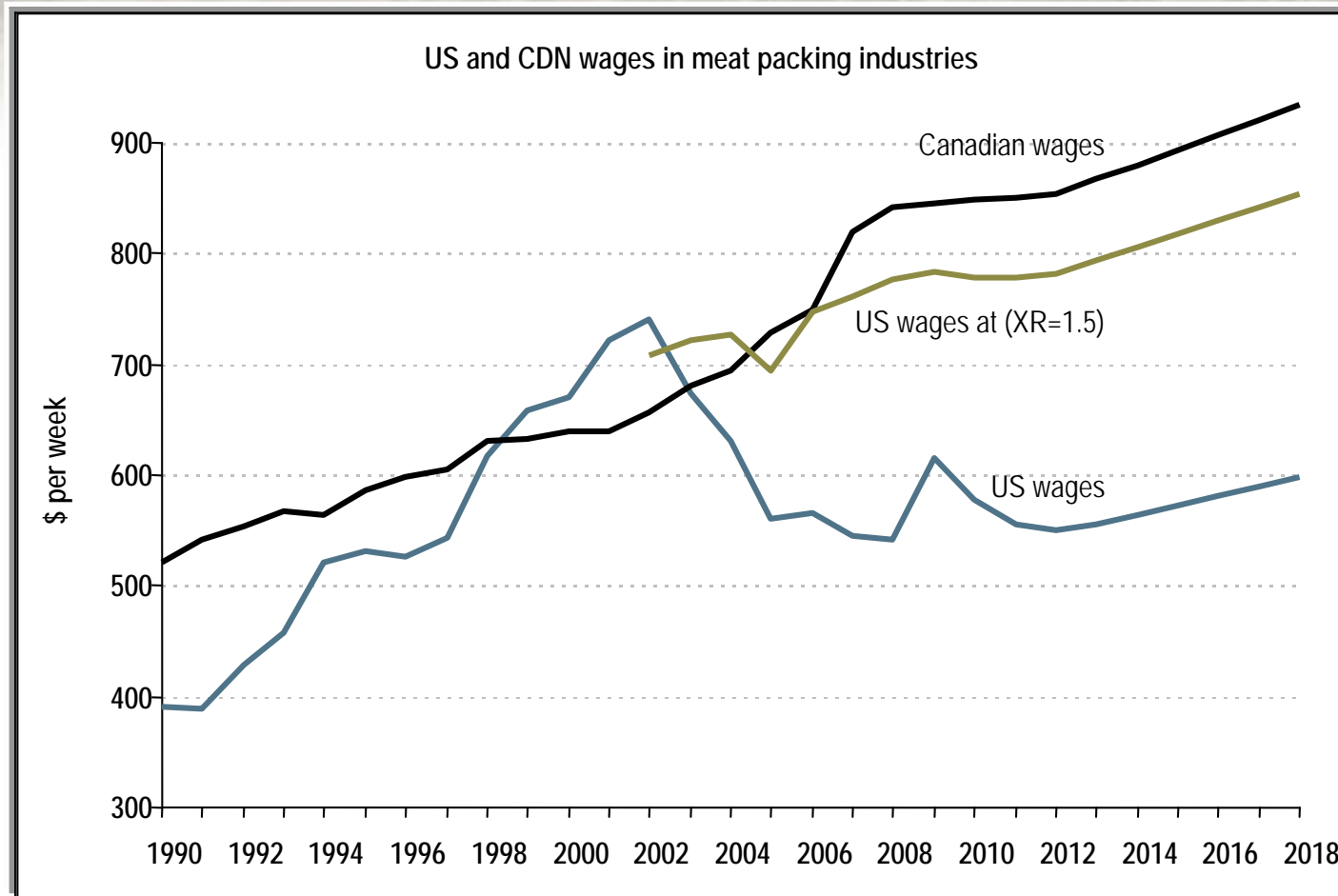
Slaughter cattle marketing will not fall as much as the breeding herd and will be mostly reflected in lower exports



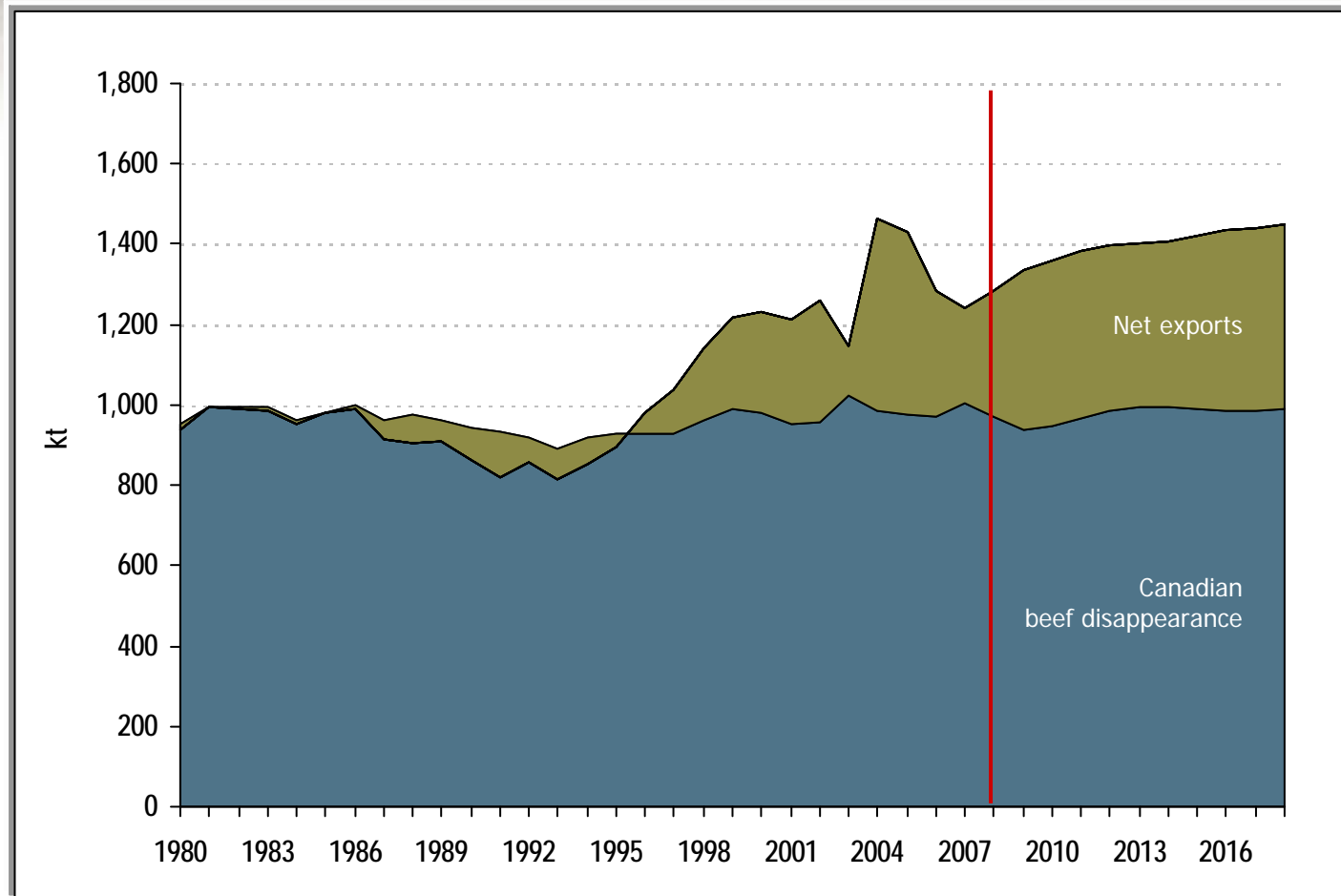
Hog production margin will continue to be cyclical but from a lower base and this will lead to a contraction in marketing



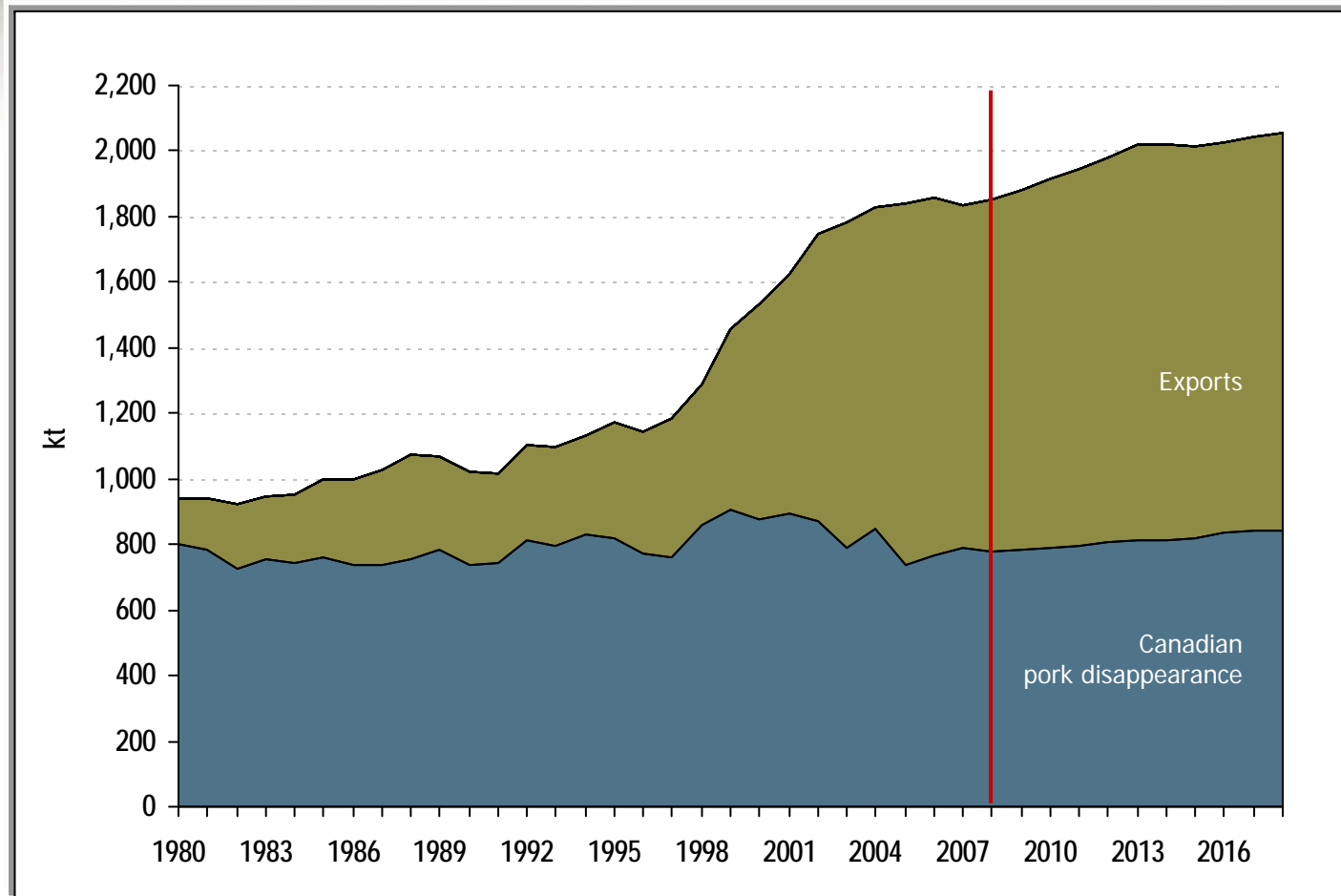
The loss in the wage advantage because of the stronger dollar will contribute to the reduction in slaughter in the short term and limits capacity expansion in the medium term



The additional beef production resulting from the higher average weight of cattle slaughtered will be mostly consumed abroad



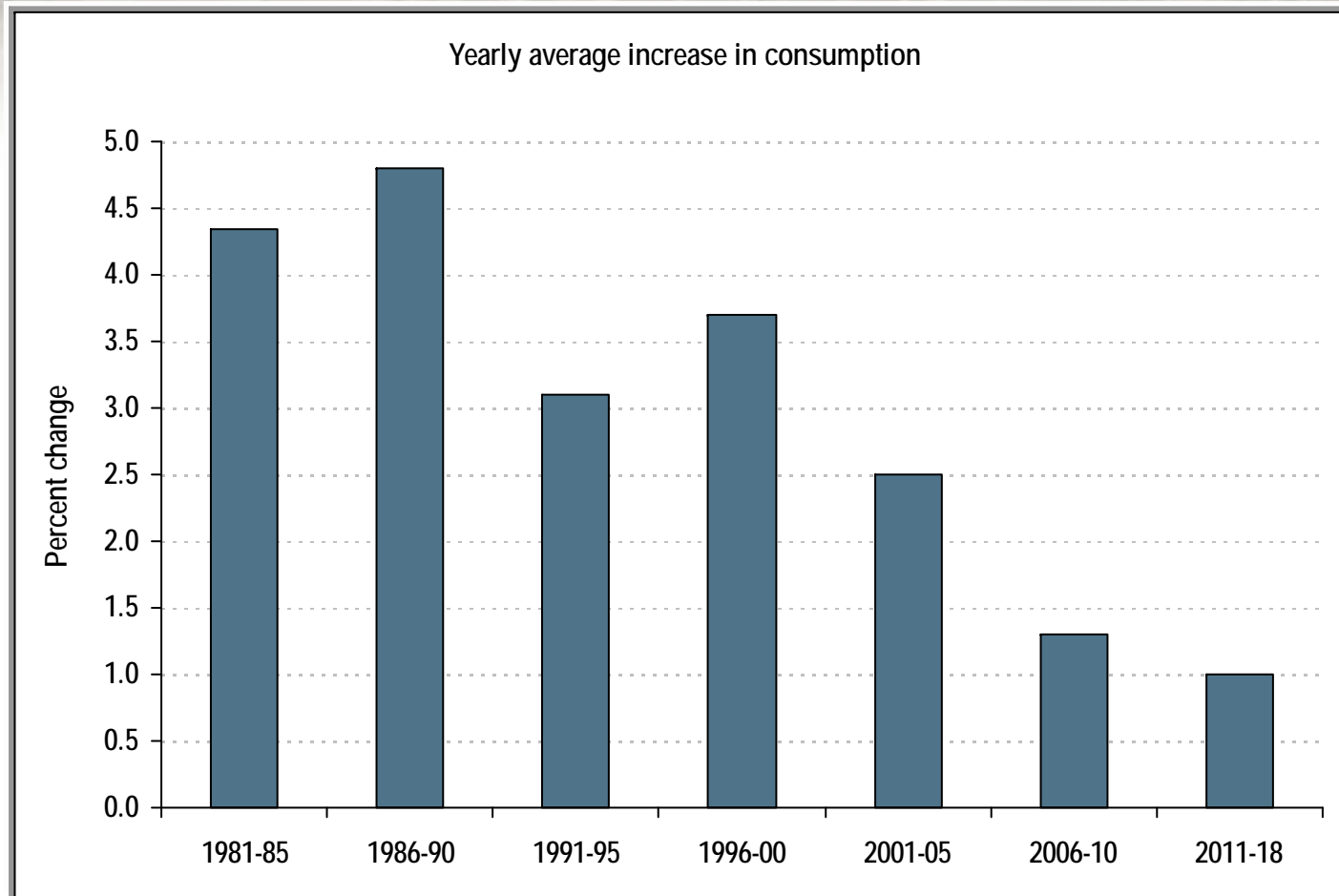
The additional pork production resulting from the higher average weight of hogs slaughtered will be mostly consumed abroad



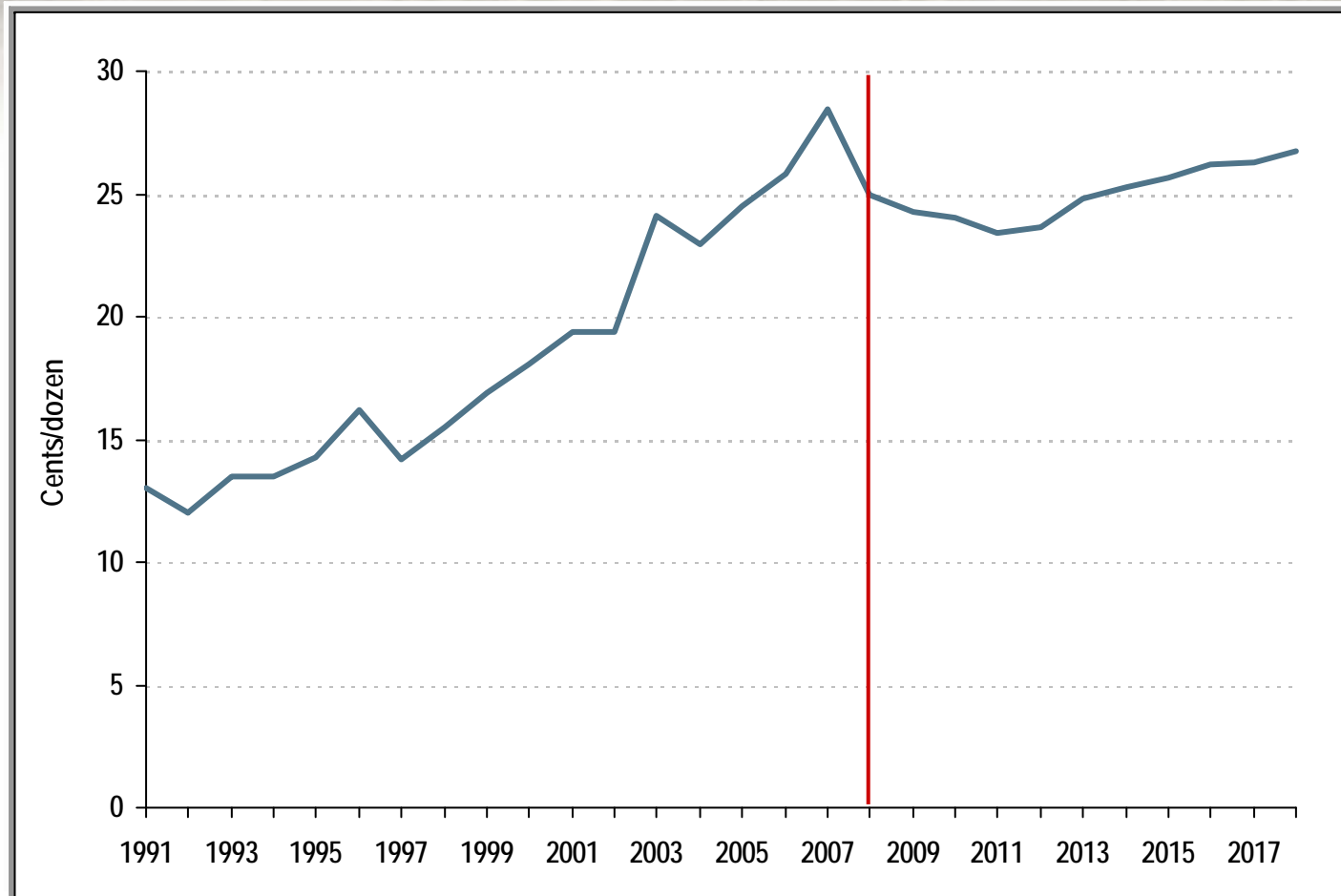
Highlights: supply managed commodities

- Growth in consumption of poultry is expected to be lower than in the past because the market is more mature and poultry prices are expected to increase relative to substitute meats. Per capita consumption of eggs is expected to remain relatively stable. The levy to finance the use of Canadian eggs by the breaker industry should be reduced over the next 3 years since the Canadian price does not increase as much as the U.S. price in the short term. However, the levy should return to its upward trend as of 2012.
- Total milk production for dairy year 2008/09 is expected to be slightly lower compared to the previous year since the additional quota allocation to replenish butter stocks has been removed while the two price adjustments in February and September 2008, which is unusual, are expected to limit growth in consumption. The downward trend in per capita consumption of milk and dairy products resulting from a mature market characterized by a growing aging population is expected to continue but at a slower rate over the outlook period. Consequently, milk production growth is expected to average 0.6% annually and reach 88 mhl in 2018.
- Although world prices have drop significantly recently, no over-quota imports are expected since they are still high relative to the historical period while the Canadian dollar should appreciate moderately over the outlook.
- The skim milk powder (SMP) surplus is expected to remain a deteriorating factor of the milk pool price. Its influence should be somewhat less than in the recent years since future price increases are expected to be applied mostly to butter (2.2% annually). Sales of SMP to the animal feed market are expected to be lower because Canadian authorities have developed new markets for SMP. Finally, exports are projected to remain relatively stable since no major changes in the gap between world and domestic prices are expected.

Growth in poultry demand is expected to be slower than in the past because the market is more mature and poultry prices are expected to increase relative to substitute meats

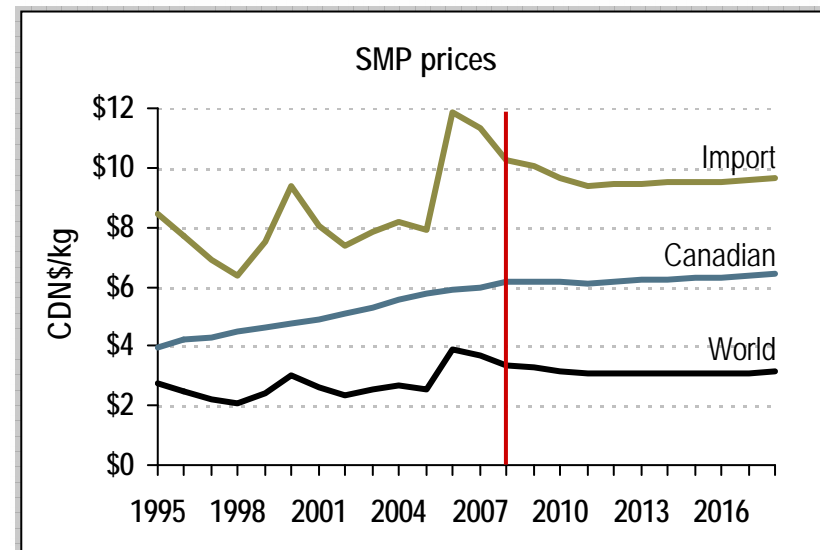
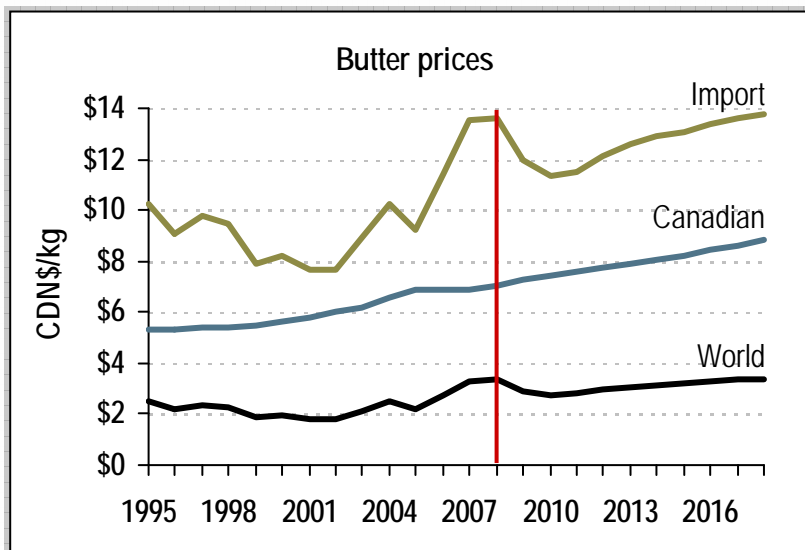


Because of the large increase in the price of eggs in the U.S. the levy to finance the use of Canadian eggs by the breaker industry should not return to the record level

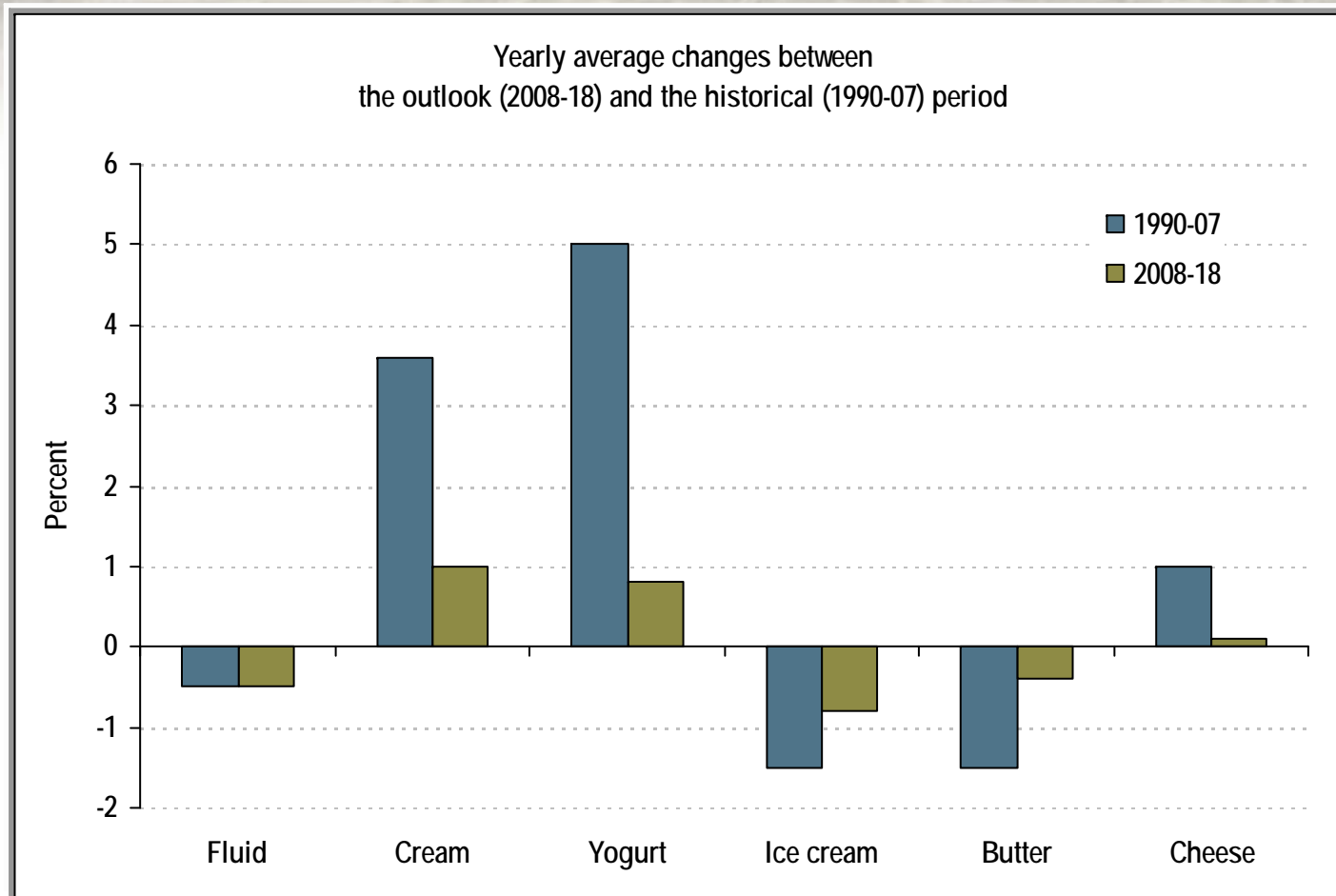


Levy includes administrative cost.

With moderate increases, Canadian prices of dairy products are expected to remain below landed import prices



With a mature market characterized by a growing aging population, per capita consumption of dairy products will either continue to fall or increase less rapidly



List of acronyms

AAFC	Agriculture and Agri-Food Canada
AGLINK/COSIMO	The OECD/FAO international agricultural markets model
BSE	Bovine Spongiform Encephalopathy (a.k.a. Mad Cow Disease)
CKG	100 kilograms
COOL	Country of Origin Labeling (U.S. acronym COOL)
CWT	100 pounds
DDG	Distillers' dried grains
DW	Dressed weight
FAO	Food and Agriculture Organization (United Nations)
FARM	Food and Agriculture Regional Model
GDP	Gross Domestic Product
IMF	International Monetary Fund
LW	Live weight
OECD	Organization for Economic Co-operation and Development
OTM	Over Thirty Months
PMWS	Post-Weaning Multi-Systemic Wasting Syndrome
SMP	Skim Milk Powder
USDA	United States Department of Agriculture
WMP	Whole Milk Powder



ANNEX OF TABLES

TABLE 1: International prices

Table 1: International Prices

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Crops																		
Wheat Price, 1HRW, US Gulf (US\$/t)	153.1	181.8	213.6	363.0	304.4	258.5	230.0	234.9	251.9	261.9	254.9	249.9	252.6	254.6	256.3	243.2	5.4%	-0.1%
Wheat Price, 1HAD, Minneapolis (US\$/t)	141.4	127.1	162.8	358.2	285.3	242.3	215.6	220.1	236.1	245.5	239.0	234.2	236.8	238.6	240.3	215.0	11.8%	-0.1%
PPI of flour, USA (1982=100)	134.9	139.8	149.8	198.7	218.8	180.9	171.6	173.7	179.8	183.3	181.2	179.7	180.8	181.7	182.4	168.4	8.3%	0.1%
PPI of bakery & pasta, USA (1982=100) ¹	196.3	201.1	207.7	216.6	239.6	244.3	238.3	240.4	245.7	251.2	254.6	256.5	258.7	261.3	263.6	212.3	24.2%	0.8%
Barley Price, 2 Feed, Portland (US\$/t)	111.8	119.7	178.3	287.9	221.0	207.7	201.4	193.8	197.6	203.2	204.1	202.0	203.7	201.8	200.7	183.7	9.2%	-0.4%
Corn, No. 2 Yellow, Central Illinois (US\$/t)	83.1	86.2	135.6	193.5	170.9	168.6	166.5	164.4	169.7	170.8	169.4	167.2	163.7	161.5	160.5	133.8	19.9%	-0.6%
Soybean Price, Central Illinois (US\$/t)	218.9	212.9	265.6	461.4	352.0	369.1	340.0	343.6	371.2	365.8	359.9	357.7	363.0	364.9	367.2	302.2	21.5%	-0.1%
Soymeal Price, Decatur (US\$/t)	199.2	193.4	224.5	369.6	322.1	340.5	313.0	313.1	334.3	328.2	325.4	320.7	328.0	333.3	336.0	261.8	28.4%	-0.1%
Soyoil Price, Decatur (US\$/t)	489.7	520.7	683.9	1147.1	1008.7	1001.8	991.4	1009.2	1059.0	1065.1	1057.9	1062.9	1067.4	1060.5	1055.0	770.0	37.0%	0.6%
Refined Sugar Price, London (US\$/t)	268.6	399.5	337.4	333.6	310.2	307.6	348.6	375.8	390.1	391.0	396.6	394.7	395.1	397.2	397.4	329.9	20.5%	2.9%
Livestock																		
Slaughter Steer Price, Nebraska (US\$/cwt lw)	84.8	87.3	85.4	91.8	92.8	94.6	91.7	89.3	89.5	89.5	92.1	95.8	99.3	100.3	101.1	88.4	14.3%	0.7%
Feeder Calf Price, Oklahoma (US\$/cwt lw)	111.8	120.0	117.9	115.4	109.7	114.0	110.0	107.9	106.7	104.9	108.1	113.2	118.2	119.3	121.4	115.0	5.6%	0.7%
Commercial cows, Sioux Falls (US\$/cwt lw)	54.5	56.6	52.1	49.6	59.3	60.3	56.9	54.5	53.2	51.8	53.0	55.6	58.2	58.5	59.1	54.4	8.7%	-0.2%
Wholesale of hide, Central USA (US\$/cwt)	44.0	44.6	47.3	52.8	51.4	51.7	50.2	49.8	49.7	50.1	50.5	50.9	51.3	51.7	52.6	48.0	9.4%	0.2%
Wholesale boxed beef choice, Central US (US\$/cwt)	140.7	145.8	146.8	149.8	153.9	157.0	153.0	149.7	150.4	151.0	155.6	161.9	168.0	170.1	171.9	147.4	16.6%	1.0%
Wholesale canner-cutter cows, Central US (US\$/cwt)	91.7	97.0	92.3	94.6	110.1	112.2	106.6	102.7	100.7	98.6	101.2	106.3	111.2	112.2	113.8	97.2	17.1%	0.2%
Barrow & Gilt, Iowa, (US\$/cwt lw)	52.5	50.1	47.3	47.1	47.6	50.8	56.0	58.1	56.6	54.1	61.5	63.3	55.5	53.7	58.4	48.9	19.5%	1.6%
Wholesale price of pork, US (US\$/cwt)	91.8	86.7	82.9	81.9	83.3	87.3	96.0	98.6	96.9	94.2	103.6	106.1	97.0	95.2	101.3	85.3	18.7%	1.7%
Butter Price, FOB Oceania (US\$/t)	179	213	177	294	352	256	254	251	270	288	295	301	305	312	320	242.9	31.7%	2.5%
Skim Milk Powder Price, FOB Oceania (US\$/t)	202	222	221	432	321	280	290	287	288	293	293	295	294	296	297	279.5	6.3%	0.6%
Cheddar Cheese Price, FOB Oceania (US\$/100 kg)	261	284	268	402	470	400	365	360	370	377	381	383	385	388	390	337.0	15.7%	-0.3%
Biofuels																		
Ethanol Price, US (US\$/hl)	45	48	68	59	62	46	51	64	66	56	53	56	65	66	67	56.3	18.1%	4.3%
Ethanol Price, Brazil (US\$/hl)	23	35	46	41	47	41	49	53	54	54	54	55	55	55	56	38.5	45.6%	3.6%
Biodiesel Price, Central Europe (US\$/hl)	83	84	88	95	108	107	107	107	113	111	111	111	111	109	107	91.5	16.3%	-0.1%

Historical Data Sources: AAFC FARM database; Forecast Data Source: OECD-FAO Outlook

Notes: 1. Calendar year basis.

TABLE 2: Canadian macroeconomy

Table 2: Canadian macroeconomy

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Population (mil)	32.1	32.4	32.8	33.0	33.4	33.7	34.0	34.4	34.8	35.1	35.5	35.9	36.3	36.7	37.0	32.7	13.1%	1.1%
Gross Domestic Product (mil 2002\$)	1211239	1246064	1284819	1319681	1327385	1321016	1368067	1419483	1470054	1513470	1551943	1591393	1631846	1673328	1715864	1277838	34.3%	2.9%
	3.1%	2.9%	3.1%	2.7%	0.6%	-0.5%	3.6%	3.8%	3.6%	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%			
GDP Deflator (2002=100)	106.6	110.1	112.9	116.4	121.1	120.4	122.7	125.1	127.4	129.8	132.2	134.7	137.2	139.8	142.4	113.4	25.6%	1.9%
	3.2%	3.4%	2.5%	3.1%	4.0%	-0.5%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%			
Per Capita Disposable Income (\$)	23693	24483	25938	27185	28439	29078	29997	30935	31897	32962	34066	35206	36385	37603	38862	25947.7	49.8%	3.3%
	4.4%	3.3%	5.9%	4.8%	4.6%	2.2%	3.2%	3.1%	3.1%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%			
Average Weekly Wages (\$)	692.5	714.9	734.9	758.6	778.1	788.2	790.2	792.2	804.1	824.2	844.8	865.9	887.6	909.8	932.5	735.8	26.7%	1.9%
	1.7%	3.2%	2.8%	3.2%	2.6%	1.3%	0.3%	0.3%	1.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%			
Consumer Price Indices																		
All Items	104.7	107.0	109.1	111.5	114.2	116.5	118.7	120.8	123.1	125.7	128.3	131.0	133.7	136.4	139.3	109.3	27.5%	2.0%
	1.9%	2.2%	2.0%	2.1%	2.5%	2.0%	1.9%	1.8%	1.9%	2.1%	2.1%	2.1%	2.0%	2.1%	2.1%			
Non-food, Non-energy	103.9	105.3	106.9	109.0	110.2	112.4	114.6	116.9	119.3	121.7	124.1	126.6	129.1	131.7	134.3	107.0	25.5%	2.0%
	1.3%	1.3%	1.5%	2.0%	1.1%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%			
Energy	115.2	126.3	132.8	135.9	154.1	156.4	158.7	161.1	163.5	166.0	168.5	171.0	173.6	176.2	178.8	132.9	34.6%	1.5%
	6.8%	9.7%	5.2%	2.3%	13.4%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%			
Food	103.8	106.4	108.9	111.8	115.7	118.2	119.9	121.4	123.5	126.8	130.5	134.2	137.4	140.9	144.7	109.3	32.4%	2.3%
	2.0%	2.5%	2.4%	2.6%	3.5%	2.1%	1.5%	1.3%	1.7%	2.7%	3.0%	2.8%	2.4%	2.5%	2.7%			
Industrial Product Price Indices																		
Petroleum & Coal	161.77	199.91	218.06	230.38	283.70	228.84	244.14	260.12	269.85	272.93	277.10	281.33	285.63	289.99	294.45	218.8	34.6%	2.8%
	16.8%	23.6%	9.1%	5.7%	23.1%	-19.3%	6.7%	6.5%	3.7%	1.1%	1.5%	1.5%	1.5%	1.5%	1.5%			
Wood	87.64	78.45	72.29	66.80	63.95	67.29	70.15	72.51	74.53	76.34	78.18	80.08	82.01	84.00	86.03	73.8	16.5%	2.8%
	17.4%	-10.5%	-7.9%	-7.6%	-4.3%	5.2%	4.2%	3.4%	2.8%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%			
Autos & Parts	100.17	94.04	88.10	83.48	80.61	82.64	84.44	86.45	88.34	89.89	91.46	93.06	94.69	96.35	98.04	89.3	9.8%	1.9%
	-6.4%	-6.1%	-6.3%	-5.2%	-3.4%	2.5%	2.2%	2.4%	2.2%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%			
Machinery	111.48	112.94	111.10	108.93	110.86	119.21	117.01	115.75	116.05	116.99	118.25	119.51	120.79	122.08	123.39	111.1	11.1%	0.4%
	0.5%	1.3%	-1.6%	-2.0%	1.8%	7.5%	-1.8%	-1.1%	0.3%	0.8%	1.1%	1.1%	1.1%	1.1%	1.1%			
Interest Rates (%)																		
Prime Lending Rate	4.0	4.4	5.8	6.1	4.8	4.3	5.7	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	5.0	24.4%	4.4%
Exchange Rate																		
\$Cdn./\$U.S.	1.30	1.21	1.13	1.07	1.05	1.18	1.11	1.07	1.06	1.05	1.05	1.05	1.05	1.05	1.05	1.2	-9.0%	-1.3%
\$U.S./\$Cdn.	0.77	0.83	0.88	0.93	0.95	0.85	0.90	0.93	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.9	9.2%	1.3%
Average Grain Freight Rate, Mid prairies to port (\$/t)	34.71	35.06	38.09	39.00	39.35	39.19	39.54	39.89	40.23	40.58	40.93	41.27	41.62	41.97	42.31	37.2	13.6%	0.9%
W. TEXAS INT. OIL PRICE US\$ per barrel	41.44	56.47	66.08	72.26	101.18	68.92	78.91	88.89	94.48	96.29	98.13	100.01	101.92	103.87	105.87	67.5	56.9%	4.9%

Historical Data Sources: Statistics Canada - CANSIM; Conference Board of Canada - Medium Term Forecast
 Forecast Data Source: Conference Board of Canada - Extrapolation of Medium Term Forecast

TABLE 3: Canadian grain and oilseed summary (crop year)

Table 3: Canadian grain and oilseed summary (crop year)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Crop Area Harvested (Mha)	36.53	37.23	37.38	37.94	37.99	39.11	39.28	39.31	39.33	39.26	39.27	39.30	39.32	39.34	39.36	37.4	5.2%	0.1%
Wheat	9.39	9.40	9.68	8.64	10.03	10.51	10.60	10.32	10.49	10.60	10.59	10.50	10.36	10.31	10.22	9.4	8.4%	-0.3%
Coarse Grains ¹	6.42	6.24	6.11	7.39	6.32	6.63	6.52	6.53	6.52	6.48	6.57	6.61	6.65	6.62	6.64	6.5	2.2%	0.0%
Oilseeds ²	6.56	7.07	7.22	7.97	8.31	8.56	8.75	9.17	9.23	9.32	9.36	9.44	9.52	9.64	9.71	7.4	30.7%	1.4%
Special Crops ³ (Western Canada)	2.66	2.57	2.20	2.58	2.68	2.72	2.83	2.82	2.74	2.70	2.66	2.65	2.65	2.65	2.65	2.5	4.4%	-0.3%
Hay (Seeded Area)	8.02	8.16	8.67	8.24	8.20	7.57	7.55	7.47	7.37	7.33	7.35	7.41	7.48	7.55	7.64	8.3	-7.5%	0.1%
Summerfallow	3.48	3.79	3.49	3.12	2.46	3.12	3.03	3.01	2.98	2.83	2.74	2.69	2.64	2.56	2.50	3.3	-23.4%	-2.4%
Production, Domestic Use & Export Summary (Mt)																		
Wheat																		
Production	24.80	25.75	25.27	20.05	28.57	28.81	28.97	28.33	28.99	29.45	29.62	29.58	29.36	29.35	29.32	24.9	17.8%	0.2%
Domestic Use	8.06	8.30	8.76	6.21	8.55	8.97	9.25	9.34	9.47	9.31	9.28	9.29	9.29	9.30	9.32	8.0	16.9%	0.4%
Exports	14.81	15.70	19.43	15.86	17.95	19.40	19.18	19.03	19.56	20.21	20.22	20.22	20.07	20.08	20.06	16.7	19.7%	0.4%
Coarse Grains ¹																		
Production	25.60	24.94	23.14	27.82	27.15	27.18	27.33	27.55	27.64	27.72	28.11	28.37	28.69	28.60	28.89	25.7	12.3%	0.7%
Domestic Use	21.04	20.73	22.49	21.99	23.25	22.24	22.21	22.29	22.11	22.27	22.14	22.22	22.47	22.49	22.68	21.9	3.6%	0.2%
Exports	3.89	5.22	4.81	7.75	5.06	6.13	5.99	5.39	5.68	5.79	6.28	6.54	6.56	6.53	6.60	5.3	23.4%	0.8%
Oilseeds ²																		
Production	11.23	13.63	13.45	12.86	16.82	15.81	16.39	17.33	17.60	17.93	18.22	18.53	18.87	19.31	19.55	13.6	43.7%	2.4%
Domestic Use	5.73	5.93	6.18	6.17	7.01	8.51	9.48	9.82	9.86	10.07	10.40	10.57	10.71	11.00	11.15	6.2	79.6%	3.0%
Exports	5.00	7.26	7.90	8.04	8.66	7.91	7.49	7.76	7.97	8.02	8.13	8.25	8.46	8.58	8.63	7.4	17.1%	1.0%

Historical Data Sources: Statistics Canada - CANSIM

Notes: 1. Coarse Grains consists of Barley, Corn, Oats, Rye and Mixed Grains.

2. Oilseeds consists of Canola, Soybeans and Flaxseed

3. Special Crops consists of Canary Seed, Mustard Seed, Lentils, Dry Peas, Sunflower and Chickpeas.

TABLE 4: Canadian wheat (crop year)

Table 4: Canadian wheat (crop year)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
All Wheat Supply-Disposition (Mt)																		
Area Harvested (Mha)	9.39	9.40	9.68	8.64	10.03	10.51	10.60	10.32	10.49	10.60	10.59	10.50	10.36	10.31	10.22	9.4	8.4%	-0.3%
Yield (t/ha)	2.64	2.74	2.61	2.32	2.85	2.74	2.73	2.74	2.76	2.78	2.80	2.82	2.83	2.85	2.87	2.6	9.0%	0.5%
Production	24.80	25.75	25.27	20.05	28.57	28.81	28.97	28.33	28.99	29.45	29.62	29.58	29.36	29.35	29.32	24.9	17.8%	0.2%
Food Use	2.96	2.99	2.94	2.87	2.96	2.92	2.96	3.01	3.02	3.04	3.05	3.06	3.08	3.10	3.12	2.9	5.9%	0.7%
Use for Ethanol	0.13	0.16	0.39	0.39	0.70	0.88	0.98	1.00	0.99	0.97	0.99	1.03	1.06	1.08	1.09	0.4	205.2%	2.4%
Feed Use	3.98	4.17	4.55	1.92	3.89	4.21	4.30	4.30	4.43	4.28	4.21	4.17	4.12	4.10	4.11	3.7	11.0%	-0.3%
Other Domestic Use	0.98	0.98	0.88	1.03	1.00	0.95	1.02	1.03	1.03	1.03	1.03	1.04	1.03	1.02	1.01	1.0	3.7%	0.6%
Exports	14.81	15.70	19.43	15.86	17.95	19.40	19.18	19.03	19.56	20.21	20.22	20.22	20.07	20.08	20.06	16.7	19.7%	0.4%
Ending Stocks	7.92	9.70	6.80	4.82	6.90	7.37	7.94	7.91	7.89	7.85	7.99	8.07	8.09	8.08	8.03	7.2	11.1%	1.0%
CWB Final Price, #1 CWRS (\$/t) ¹	196	186	209	367	328	283	241	240	255	265	258	253	255	257	259	257.3	0.7%	-1.0%
Farm Gate Price, Prairies (\$/t)	88	88	114	183	152	150	122	120	143	149	143	139	141	141	142	125.1	13.8%	-0.6%
Milling Price (\$/t)	213	220	235	430	397	343	291	290	308	319	311	305	308	311	313	299.0	4.6%	-1.0%
Durum Wheat Supply-Disposition (Mt)																		
Area Harvested (Mha)	2.05	2.28	1.52	1.93	2.42	2.27	2.09	2.20	2.24	2.26	2.25	2.25	2.21	2.24	2.21	2.0	8.3%	-0.3%
Yield (t/ha)	2.34	2.60	2.21	1.91	2.28	2.30	2.31	2.32	2.33	2.35	2.36	2.37	2.38	2.40	2.41	2.3	6.3%	0.5%
Production	4.80	5.91	3.35	3.68	5.54	5.21	4.82	5.10	5.22	5.30	5.31	5.34	5.27	5.37	5.32	4.7	14.3%	0.2%
Food & Industrial Use	0.25	0.25	0.26	0.22	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.2	12.7%	1.0%
Other Domestic Use	0.62	0.61	0.65	0.68	0.70	0.79	0.75	0.78	0.79	0.80	0.80	0.81	0.80	0.81	0.80	0.7	23.2%	0.2%
Exports	3.22	4.27	4.48	3.17	3.82	4.02	3.69	3.91	4.02	4.28	4.19	4.22	4.17	4.27	4.27	3.8	12.6%	0.7%
Ending Stocks	2.49	3.27	1.23	0.84	1.60	1.75	1.87	2.02	2.17	2.12	2.17	2.22	2.24	2.26	2.23	1.9	18.3%	2.7%
CWB Final Price, #1 CWAD (\$/t) ¹	210	189	223	515	359	317	277	276	290	299	293	288	291	292	294	299.1	-1.7%	-0.8%
Farm Gate Price, Prairies (\$/t)	95	82	104	233	162	154	130	129	137	142	137	134	135	136	136	135.2	0.9%	-1.3%

Historical Data Sources: Statistics Canada - Cereals & Oilseeds Review, Catalogue 22-007; Statistics Canada - CANSIM; Statistics Canada - Farm Product Price Book;

Canadian Wheat Board - Annual Report; Canada Grain Council - Statistical Handbook; GRIP calculations

Note: 1. Prior to 1995 CWB Final Prices are basis Thunder Bay, thereafter basis St. Lawrence

TABLE 5: Canadian coarse grains (crop year)

Table 5: Canadian coarse grains (crop year)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Barley Supply-Disposition (Mt)																		
Area Harvested (Mha)	3.84	3.63	3.22	4.00	3.50	3.48	3.43	3.34	3.30	3.29	3.41	3.46	3.50	3.50	3.50	3.6	-3.8%	0.1%
Yield (t/ha)	3.27	3.21	2.97	2.75	3.37	3.21	3.22	3.23	3.25	3.26	3.27	3.29	3.30	3.32	3.33	3.1	6.9%	0.4%
Production	12.56	11.68	9.57	10.98	11.76	11.16	11.04	10.80	10.70	10.74	11.16	11.38	11.55	11.60	11.65	11.3	3.0%	0.5%
Feed Use	8.81	8.40	8.82	6.56	8.40	7.80	7.76	7.82	7.58	7.72	7.60	7.53	7.61	7.66	7.70	8.2	-6.1%	-0.2%
Other Domestic Use	0.63	0.49	0.58	0.49	0.49	0.53	0.51	0.51	0.50	0.50	0.50	0.50	0.51	0.51	0.5	0.5	-4.0%	-0.3%
Exports	1.86	2.98	2.01	3.91	2.28	3.03	2.88	2.36	2.52	2.67	3.16	3.45	3.43	3.40	3.42	2.6	31.3%	1.4%
Ending Stocks	3.44	3.29	1.49	1.57	2.20	2.03	1.95	2.11	2.25	2.14	2.08	2.01	2.06	2.12	2.17	2.4	-9.3%	0.8%
Farm Gate Price, Prairies (\$/t)	79	65	106	166	145	135	125	115	118	126	129	127	128	125	123	112.3	9.5%	-1.1%
Off-Board Barley Price, Lethbridge (\$/t)	112	110	165	214	185	175	165	155	158	166	169	167	168	165	163	157.2	3.7%	-0.8%
CWB Final Price, Select CW 2Row (\$/t) ¹	180	168	202	270	252	243	233	224	228	236	240	239	240	239	237	214.5	10.5%	-0.3%
Corn Supply-Disposition (Mt)																		
Area Harvested (Mha)	1.07	1.08	1.06	1.37	1.17	1.25	1.30	1.31	1.31	1.31	1.30	1.30	1.30	1.27	1.28	1.2	11.3%	0.3%
Yield (t/ha)	8.24	8.60	8.47	8.51	9.06	8.73	8.81	8.88	8.95	9.02	9.09	9.16	9.22	9.29	9.36	8.6	9.2%	0.8%
Production	8.84	9.33	8.99	11.65	10.59	10.93	11.47	11.66	11.72	11.85	11.82	11.87	11.95	11.81	11.99	9.9	21.4%	1.0%
Imports	2.42	1.90	2.09	3.18	2.87	2.38	1.67	1.50	1.40	1.29	1.30	1.39	1.43	1.51	1.50	2.5	-39.8%	-5.0%
West	0.73	0.93	0.70	2.29	1.22	0.68	0.62	0.54	0.54	0.63	0.66	0.62	0.63	0.62	0.59	1.2	-50.1%	-1.7%
East	1.69	0.98	1.39	0.89	1.65	1.70	1.05	0.96	0.86	0.67	0.64	0.77	0.79	0.89	0.91	1.3	-30.7%	-6.6%
Feed Use	7.96	8.50	8.46	10.28	9.04	8.26	8.07	8.02	8.12	8.25	8.19	8.11	8.15	8.07	8.19	8.8	-7.5%	-0.1%
West	0.60	0.98	0.93	2.08	1.19	0.68	0.60	0.53	0.55	0.64	0.67	0.64	0.68	0.66	0.64	1.2	-44.5%	-0.6%
East	7.36	7.52	7.53	8.20	7.84	7.59	7.46	7.48	7.57	7.61	7.53	7.47	7.47	7.40	7.54	7.7	-1.9%	-0.1%
Use for Ethanol	0.38	0.45	1.05	1.54	2.24	2.40	2.61	2.65	2.59	2.47	2.49	2.70	2.80	2.82	2.84	1.1	151.1%	1.9%
Other Domestic Use	1.50	1.32	1.48	1.87	1.70	1.70	1.71	1.72	1.72	1.72	1.73	1.74	1.75	1.75	1.76	1.6	11.5%	0.3%
Exports	0.23	0.24	0.29	0.84	0.30	0.25	0.24	0.24	0.23	0.23	0.22	0.21	0.21	0.20	0.20	0.4	-47.8%	-2.5%
Ending Stocks	1.80	2.00	1.34	1.46	1.20	1.41	1.46	1.53	1.52	1.52	1.52	1.55	1.53	1.53	1.55	1.6	-0.7%	1.0%
Elevator Price, Chatham (\$/t)	100	96	138	180	178	179	170	165	169	171	169	166	160	157	157	138.4	13.1%	-1.5%
Oats Supply-Disposition (Mt)																		
Area Harvested (Mha)	1.23	1.27	1.54	1.82	1.44	1.67	1.56	1.65	1.69	1.65	1.64	1.62	1.64	1.62	1.64	1.5	12.1%	-0.2%
Yield (t/ha)	2.81	2.58	2.51	2.59	2.95	2.71	2.72	2.74	2.75	2.77	2.78	2.79	2.81	2.82	2.84	2.7	5.6%	0.5%
Production	3.47	3.28	3.85	4.70	4.26	4.53	4.26	4.51	4.65	4.55	4.55	4.54	4.59	4.59	4.65	3.9	18.8%	0.3%
Feed Use	1.37	1.29	1.61	1.29	1.46	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.4	11.3%	0.0%
Exports	1.68	1.87	2.30	2.81	2.35	2.70	2.70	2.63	2.76	2.72	2.72	2.70	2.74	2.73	2.79	2.2	26.5%	0.3%
Farm Gate Price, Prairies (\$/t)	120	120	150	171	170	143	134	128	132	134	135	133	135	134	133	146.2	-9.3%	-0.8%
Rye Supply-Disposition (Mt)																		
Area Harvested (Mha)	0.16	0.14	0.16	0.11	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.1	0.3%	0.0%
Yield (t/ha)	2.54	2.43	2.34	2.13	2.40	2.34	2.36	2.38	2.40	2.43	2.45	2.47	2.49	2.51	2.54	2.4	7.2%	0.9%
Production	0.40	0.33	0.38	0.23	0.32	0.33	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.35	0.36	0.3	7.0%	0.9%
Exports	0.13	0.14	0.21	0.19	0.13	0.14	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.19	0.19	0.2	20.3%	3.5%

Historical Data Sources: Statistics Canada - Cereals & Oilseeds Review, Catalogue 22-007; Statistics Canada - CANSIM; Statistics Canada - Farm Product Price Book; Canadian Wheat Board - Annual Report; Canada Grain Council - Statistical Handbook; GRIP calculations

Note: 1. Prior to 1995 CWB Final Prices are basis Thunder Bay, thereafter basis St. Lawrence

TABLE 6: Canadian oilseeds (crop year)

Table 6: Canadian oilseeds (crop year)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Canola Supply-Disposition (Mt)																		
Area Harvested (Mha)	4.87	5.18	5.24	6.28	6.49	6.57	6.69	7.13	7.18	7.22	7.22	7.30	7.35	7.42	7.49	5.6	33.5%	1.5%
Yield (t/ha)	1.58	1.83	1.72	1.52	1.95	1.74	1.76	1.78	1.80	1.81	1.83	1.85	1.86	1.88	1.90	1.7	10.6%	1.0%
Production	7.67	9.48	9.00	9.53	12.63	11.47	11.78	12.69	12.89	13.09	13.21	13.47	13.71	13.96	14.23	9.7	47.3%	2.4%
Crushings	3.03	3.42	3.58	4.14	4.50	5.63	6.60	6.88	6.88	7.03	7.29	7.40	7.46	7.66	7.73	3.7	106.8%	3.6%
Meal Production	1.90	2.03	2.11	2.50	2.71	3.40	3.98	4.15	4.15	4.24	4.40	4.46	4.50	4.62	4.66	2.3	107.2%	3.6%
Oil Production	1.25	1.46	1.54	1.74	1.90	2.38	2.79	2.91	2.91	2.98	3.08	3.13	3.16	3.24	3.27	1.6	107.1%	3.6%
Seed Exports	3.41	5.41	5.48	5.66	6.29	5.73	4.99	5.27	5.46	5.45	5.48	5.61	5.77	5.79	5.94	5.2	13.2%	0.4%
Ending Stocks	1.59	2.01	1.82	1.54	3.00	2.79	2.65	2.81	2.98	3.20	3.25	3.31	3.37	3.45	3.58	2.0	80.0%	2.8%
Canola Oil Food Use	0.43	0.44	0.43	0.49	0.55	0.53	0.53	0.54	0.55	0.55	0.55	0.55	0.55	0.55	0.54	0.5	15.4%	0.2%
Canola Oil Biodiesel Use	0.00	0.00	0.00	0.00	0.00	0.05	0.08	0.10	0.13	0.14	0.15	0.16	0.17	0.19	0.19	0.0	16271.3%	15.3%
Canola Oil Exports	0.97	1.09	1.26	1.29	1.42	1.88	2.26	2.35	2.31	2.36	2.47	2.50	2.52	2.59	2.61	1.2	116.7%	3.7%
Canola Meal Feed Use	0.50	0.51	0.62	0.64	0.60	0.56	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.56	0.6	-1.9%	0.1%
Canola Meal Exports	1.41	1.49	1.48	1.86	2.14	2.84	3.41	3.58	3.59	3.67	3.83	3.89	3.93	4.06	4.10	1.7	144.7%	4.2%
Canola Cash Price, #1 Vancouver (\$/t)	309	278	370	553	473	491	448	445	469	466	460	456	463	465	463	396.7	16.7%	-0.6%
Farm Gate Price, Prairies (\$/t)	289	252	330	456	410	436	409	404	429	425	417	412	420	421	418	347.4	20.2%	-0.5%
Canola Meal Price (\$/t) ¹	166	157	167	239	230	246	210	197	215	209	205	201	208	214	216	191.8	12.8%	-1.4%
Canola Oil Price (\$/t) ¹	689	638	788	1193	1134	1143	1080	1072	1114	1119	1111	1116	1121	1114	1108	888.3	24.7%	-0.3%
Effective Crush Margin (\$/t)	112	128	105	157	179	169	159	153	151	152	156	160	159	159	163	136.2	19.9%	-0.3%
Soybean Supply-Disposition (Mt)																		
Area Harvested (Mha)	1.17	1.17	1.20	1.17	1.20	1.22	1.33	1.35	1.37	1.40	1.42	1.42	1.44	1.49	1.46	1.2	23.7%	2.0%
Yield (t/ha)	2.59	2.71	2.89	2.30	2.79	2.75	2.76	2.78	2.80	2.82	2.87	2.90	2.92	2.94	2.96	2.7	11.5%	0.8%
Production	3.04	3.16	3.47	2.70	3.34	3.36	3.67	3.77	3.84	3.94	4.07	4.11	4.21	4.38	4.32	3.1	37.7%	2.8%
Imports	0.39	0.34	0.24	0.34	0.30	0.30	0.28	0.26	0.24	0.22	0.20	0.20	0.20	0.20	0.20	0.3	-37.9%	-4.4%
Exports	1.12	1.32	1.74	1.70	1.73	1.44	1.76	1.83	1.87	1.92	1.98	1.98	2.03	2.14	2.04	1.5	34.0%	3.9%
Soy Meal Imports	1.13	1.31	1.38	1.33	1.29	1.14	1.31	1.27	1.27	1.26	1.20	1.15	1.11	1.04	0.99	1.3	-23.4%	-1.6%
Soy Meal Feed Use	2.27	2.37	2.47	2.45	2.42	2.26	2.41	2.38	2.39	2.40	2.38	2.35	2.35	2.33	2.31	2.4	-3.7%	0.2%
Soybean Cash Price, #2 Chatham (\$/t)	248	220	263	432	360	389	357	351	378	371	364	362	368	370	372	304.6	22.3%	-0.5%
Flaxseed Supply-Disposition (Mt)																		
Area Harvested (Mha)	0.52	0.73	0.79	0.52	0.62	0.77	0.74	0.68	0.68	0.70	0.72	0.72	0.73	0.74	0.75	0.6	18.5%	-0.2%
Yield (t/ha)	1.00	1.35	1.26	1.21	1.38	1.28	1.29	1.29	1.29	1.30	1.30	1.30	1.31	1.31	1.32	1.2	6.2%	0.3%
Production	0.52	0.99	0.99	0.63	0.86	0.98	0.94	0.87	0.88	0.90	0.94	0.94	0.95	0.97	0.99	0.8	24.5%	0.1%
Exports	0.47	0.54	0.68	0.68	0.65	0.74	0.74	0.65	0.64	0.65	0.67	0.66	0.65	0.65	0.65	0.6	8.5%	-1.3%
Cash Price, #1 CW Thunder Bay (\$/t)	454	276	302	611	522	542	495	491	518	514	507	503	511	514	511	432.9	18.0%	-0.6%
Farm Gate Price, Prairies (\$/t)	438	259	262	524	513	510	460	456	483	478	470	465	473	474	471	399.0	18.0%	-0.9%

Historical Data Sources: Statistics Canada - Cereals & Oilseeds Review, Catalogue 22-007; Statistics Canada - CANSIM; Statistics Canada - Farm Product Price Book;

Canadian Wheat Board - Annual Report; Canada Grain Council - Statistical Handbook; GRIP calculations

Note: 1. In November 2001, the basis changed from FOB Plants to FOB Vancouver

TABLE 7: Canadian special crops (crop year)

Table 7: Canadian special crops (crop year)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Harvested Area (thous ha)	2655	2566	2201	2580	2675	2718	2828	2824	2741	2702	2661	2649	2654	2650	2647	2535.5	4.4%	-0.3%
Canary Seed	318	182	131	174	164	178	184	183	178	175	173	172	172	172	172	193.8	-11.3%	-0.4%
Chick Peas	39	73	128	174	51	85	99	99	96	95	93	93	93	93	93	93.1	-0.5%	1.0%
Dry Peas	1244	1267	1231	1443	1582	1483	1543	1540	1493	1470	1446	1438	1439	1435	1431	1353.4	5.7%	-0.4%
Lentils	714	785	504	534	623	696	724	723	702	692	681	678	679	679	678	632.0	7.2%	-0.3%
Mustard Seed	285	188	130	176	186	205	195	195	189	187	184	183	183	183	183	193.0	-5.2%	-1.2%
Sunflower Seed	55	71	77	79	69	73	82	84	83	84	84	85	87	89	90	70.1	29.0%	2.5%
Canary Seed																		
Production (kt)	301	227	133	162	196	177	198	197	192	189	186	186	186	186	186	203.8	-8.9%	0.6%
Farm Price, Western Canada (\$/t)	230	195	335	560	500	500	418	418	418	418	418	418	418	418	418	364.0	14.8%	-2.0%
Chick Peas																		
Production (kt)	51	104	163	225	80	111	136	136	132	130	128	128	128	128	128	124.6	2.8%	1.6%
Farm Price, Western Canada (\$/t)	385	490	550	560	545	545	513	513	513	513	513	513	513	513	513	506.0	1.3%	-0.7%
Dry Peas																		
Production (kt)	3098	2994	2520	2935	3571	3228	3358	3350	3249	3199	3147	3131	3133	3125	3118	3023.6	3.1%	-0.4%
Farm Price, Western Canada (\$/t)	135	120	180	305	230	253	214	202	217	211	208	203	209	213	215	194.0	10.6%	-1.8%
Lentils																		
Production (kt)	916	1164	693	734	920	908	997	996	967	953	939	935	937	936	935	885.3	5.6%	0.3%
Farm Price, Western Canada (\$/t)	310	230	310	635	715	655	543	509	509	509	509	509	509	509	509	440.0	15.7%	-2.8%
Mustard Seed																		
Production (kt)	287	184	108	114	161	177	165	165	160	158	156	155	155	155	155	170.8	-9.3%	-1.4%
Farm Price, Western Canada (\$/t)	295	265	380	695	910	735	680	680	680	680	680	680	680	680	680	509.0	33.6%	-0.9%
Sunflower Seed																		
Production (kt)	52	84	157	125	112	116	132	135	134	135	135	138	141	144	146	106.0	38.2%	2.6%
Farm Price, Western Canada (\$/t)	490	345	395	585	590	545	532	532	532	532	532	532	532	532	532	481.0	10.6%	-0.3%

Historical Data Sources: Statistics Canada - CANSIM.

TABLE 8: Canadian animal feed (crop year)

Table 8: Canadian animal feed (crop year)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Grain Consuming Animal Units (Mil Hog Equivalent)	91594	94205	94371	96013	95637	91312	92336	92337	92279	92305	91505	90767	90978	90680	90466	94364.0	-4.1%	-0.1%
Total Feed Consumption (Mt)	26.63	26.61	28.56	25.37	28.27	27.15	27.15	27.12	27.06	27.15	26.90	26.75	26.87	26.80	26.92	27.1	-0.6%	-0.1%
Total Grain Feed Consumption (Mt)	22.58	22.75	23.97	20.38	23.10	22.18	22.03	22.04	22.03	22.15	21.91	21.72	21.79	21.74	21.90	22.6	-2.9%	-0.1%
Wheat	3.98	4.17	4.55	1.92	3.89	4.21	4.30	4.30	4.43	4.28	4.21	4.17	4.12	4.10	4.11	3.7	11.0%	-0.3%
Barley	8.81	8.40	8.82	6.56	8.40	7.80	7.76	7.82	7.58	7.72	7.60	7.53	7.61	7.66	7.70	8.2	-6.1%	-0.2%
Oats	1.37	1.29	1.61	1.29	1.46	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.4	11.3%	0.0%
Corn	7.96	8.50	8.46	10.28	9.04	8.26	8.07	8.02	8.12	8.25	8.19	8.11	8.15	8.07	8.19	8.8	-7.5%	-0.1%
Total Protein Feed Consumption (Mt)	3.36	3.23	3.59	3.50	3.46	3.26	3.42	3.39	3.39	3.42	3.39	3.36	3.36	3.33	3.31	3.4	-3.5%	0.2%
Soybean Meal	2.27	2.37	2.47	2.45	2.42	2.26	2.41	2.38	2.39	2.40	2.38	2.35	2.35	2.33	2.31	2.4	-3.7%	0.2%
Canola Meal	0.50	0.51	0.62	0.64	0.60	0.56	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.56	0.6	-1.9%	0.1%
Dry Peas	0.60	0.35	0.50	0.41	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.5	-4.7%	0.0%
Distillers Dried Grains (Mt)																		
Wheat	0.05	0.06	0.15	0.17	0.38	0.44	0.47	0.48	0.47	0.45	0.46	0.47	0.48	0.48	0.48	0.2	196.2%	0.8%
Corn	0.12	0.14	0.33	0.40	0.58	0.64	0.71	0.73	0.72	0.68	0.69	0.76	0.80	0.81	0.82	0.3	161.5%	2.8%

Historical Data Sources: Statistics Canada - Cereals & Oilseeds Review , Catalogue 22-007; Statistics Canada - CANSIM; Statistics Canada - Canadian Livestock Usage Study; Agriculture and Agri-Food Canada - Internal calculations

TABLE 9: Canadian cereal and oilseeds processing industries

Table 9: Canadian cereal and oilseeds processing industries

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Wheat Flour (kt)																		
Production	2429	2446	2444	2364	2405	2425	2417	2453	2481	2494	2504	2513	2526	2544	2560	2417.6	5.9%	0.6%
Imports	42.89	49.04	52.38	100.45	114.98	116.13	117.29	118.47	119.65	120.85	122.06	123.28	124.51	125.76	127.01	71.9	76.5%	1.0%
Disappearance	2254	2290	2270	2260	2337	2336	2326	2335	2349	2370	2392	2418	2441	2464	2471	2282.2	8.3%	0.6%
Exports	220	206	223	201	180	205	208	236	252	244	235	218	209	206	216	205.9	4.9%	0.6%
Ending Stocks	21.48	20.69	23.50	26.36	30.36	30.56	30.76	30.96	31.16	31.36	31.56	31.76	31.96	32.16	32.36	24.5	32.2%	0.6%
Producer Price Index (1997=100)	108.48	109.93	112.50	120.65	136.29	131.68	124.06	117.92	117.93	120.22	120.52	119.67	119.46	119.89	120.26	117.6	2.3%	-1.0%
Bakery and Pasta (kt)																		
Production ¹	2506	2497	2787	3032	2982	2976	2959	2966	2979	3001	3025	3054	3081	3107	3116	2760.9	12.9%	0.5%
Imports	507	556	616	650	587	662	695	670	711	722	730	726	735	738	754	583.4	29.2%	1.5%
Disappearance ¹	2277	2286	2614	2870	2710	2755	2752	2716	2755	2775	2799	2817	2850	2879	2907	2551.3	13.9%	0.6%
Exports	736	768	789	813	859	882	902	920	935	947	956	963	966	966	963	792.9	21.4%	1.0%
Producer Price Index (1997=100)	112	114	115	117	153	157	153	151	152	156	157	161	162	163	164	122.5	34.0%	0.5%
Beer (ml)																		
Production	2468	2538	2909	2648	2748	2763	2815	2866	2899	2925	2960	2991	3024	3057	3091	2662.3	16.1%	1.3%
Disappearance ¹	2314	2438	2792	2548	2658	2676	2730	2784	2819	2849	2887	2921	2957	2994	3031	2550.0	18.9%	1.4%
Producer Price (\$/l)	1.12	1.14	1.15	1.19	1.25	1.28	1.31	1.35	1.39	1.43	1.47	1.51	1.56	1.60	1.64	1.2	40.2%	2.8%
Consumer Price (\$/l)	4.41	4.49	4.51	4.62	4.71	4.75	4.75	4.75	4.79	4.86	4.94	5.01	5.09	5.16	5.23	4.5	15.1%	1.1%
Oil Products (kt)																		
Production of Margarine	141.56	133.97	130.56	132.04	135.74	137.94	141.52	144.60	147.14	148.35	149.14	150.35	151.73	153.01	154.02	134.8	14.3%	1.2%
Disappearance of Margarine	138.01	133.58	129.38	128.55	132.15	134.26	137.74	140.72	143.16	144.26	144.94	146.05	147.31	148.48	149.37	132.3	12.9%	1.2%
Production of Shortening	264.81	288.82	274.88	307.40	312.70	319.00	321.41	325.08	327.73	328.58	328.47	329.01	329.79	330.32	330.31	289.7	14.0%	0.4%
Disappearance of Shortening	280.84	287.26	269.25	267.35	272.57	278.80	281.15	284.78	287.41	288.24	288.13	288.69	289.50	290.07	290.13	275.5	5.3%	0.4%
Production of Salad Oil	593.30	569.27	655.26	563.34	581.25	556.98	553.48	554.79	559.82	560.14	553.50	550.13	549.19	546.47	540.44	592.5	-8.8%	-0.3%
Disappearance of Salad Oil	402.48	404.30	404.85	401.85	422.67	401.44	401.13	405.78	414.31	418.29	415.47	416.09	419.31	420.93	419.44	407.2	3.0%	0.5%
Biofuels (mil litres)																		
Production of Ethanol	196.07	203.80	340.70	633.11	877.39	1177.24	1328.34	1418.42	1412.32	1372.84	1307.85	1365.10	1486.90	1500.99	1514.39	450.2	236.4%	2.8%
Consumption of Ethanol	322.96	320.31	383.61	1128.29	1491.43	1953.30	2077.34	2065.57	2118.93	2153.35	2201.40	2227.10	2259.74	2290.04	2325.98	729.3	218.9%	2.0%
Net Trade of Ethanol	-126.90	-116.51	-42.91	-495.18	-614.04	-776.06	-749.00	-647.15	-706.62	-780.51	-893.54	-861.99	-772.84	-789.05	-811.59	-279.1	190.8%	0.5%
Production of Biodiesel	3.00	11.00	42.00	87.00	99.70	181.93	239.71	303.09	379.64	399.91	420.16	440.16	457.65	476.37	492.17	48.5	914.0%	11.7%
Consumption of Biodiesel	3.00	11.00	42.00	87.00	201.05	230.72	266.27	358.31	686.61	698.11	709.24	720.77	733.17	745.52	757.71	68.8	1001.2%	14.1%
Net Trade of Biodiesel	0.00	0.00	0.00	0.00	-101.35	-48.79	-26.56	-55.22	-306.97	-298.20	-289.08	-280.61	-275.51	-269.15	-265.54	-20.3	1210.0%	20.7%

Historical Data Sources: Statistics Canada - CANSIM, Food Consumption in Canada-Part II, and Oils and Fats.
 Note: 1. Calculated by Agriculture and Agri-Food Canada.

TABLE 10: Canadian cattle and beef

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Ending Cattle Inventories (thous head)	14925	14655	14130	13895	13321	13347	13227	13076	13007	12896	12749	12717	12738	12801	12858	14185.2	-9.4%	-0.4%
Dairy Cows	1041	1019	1005	985	982	978	968	966	960	950	939	934	927	921	917	1006.4	-8.9%	-0.7%
Dairy Heifers	518	495	480	471	465	464	462	457	456	453	449	443	441	438	435	485.8	-10.4%	-0.7%
Beef Cows & Bulls	5556	5511	5245	5229	4901	4870	4805	4744	4702	4656	4627	4624	4642	4667	4703	5288.3	-11.1%	-0.4%
Beef Heifers	1583	1615	1551	1578	1421	1484	1455	1476	1484	1485	1478	1474	1479	1495	1508	1549.4	-2.7%	0.2%
Steers	1160	1147	1145	1102	1103	1212	1137	1112	1146	1142	1117	1113	1102	1112	1094	1131.3	-3.3%	-1.1%
Calves	5067	4868	4705	4531	4450	4339	4401	4321	4259	4210	4139	4130	4147	4169	4200	4724.1	-11.1%	-0.4%
Cattle Supply-Disposition (thous head)																		
Marketings	4065	4362	4347	4350	4388	4250	4357	4242	4176	4204	4190	4120	4104	4086	4120	4302.3	-4.2%	-0.3%
Slaughter ¹	4073	4043	3643	3491	3589	3782	3817	3872	3876	3851	3847	3854	3867	3882	3895	3767.8	3.4%	0.3%
Steers and Heifers ²	3397	3237	2748	2620	2638	2920	3021	3050	3060	3041	3037	3040	3045	3054	3063	2927.7	4.6%	0.5%
Bulls and Cows ²	528	696	801	803	853	776	722	732	725	720	719	724	731	738	741	736.2	0.7%	-0.5%
Net Exports																		
Slaughter Cattle	-8	319	704	859	799	468	540	370	300	353	344	267	238	205	225	534.5	-57.9%	-7.8%
Feeder Cattle	0	222	290	507	604	166	267	340	255	221	203	148	125	121	123	324.6	-62.0%	-3.2%
Western Canada Cattle Supply-Disposition (thous head)																		
Marketings	3023	3252	3245	3273	3225	3235	3249	3179	3172	3194	3181	3145	3121	3104	3137	3203.5	-2.1%	-0.3%
Slaughter ¹	3012	2943	2573	2539	2603	2792	2780	2836	2872	2849	2847	2878	2884	2910	2923	2733.8	6.9%	0.5%
Steers and Heifers ²	2631	2489	1989	1925	1937	2229	2284	2330	2379	2368	2367	2392	2386	2392	2400	2194.3	9.4%	0.8%
Bulls and Cows ²	249	347	483	537	568	494	456	466	454	441	440	446	458	479	482	436.7	10.4%	-0.3%
Net Exports ³																		
Slaughter Cattle	11	309	673	735	622	443	469	344	299	344	334	267	237	193	214	469.8	-54.3%	-7.7%
Feeder Cattle	181	416	451	605	606	338	464	455	381	354	348	313	302	298	296	451.7	-34.5%	-1.5%
Eastern Canada Cattle Supply-Disposition (thous head)																		
Marketings	1042	1111	1102	1077	1163	1016	1108	1062	1004	1010	1009	975	984	983	983	1098.8	-10.6%	-0.4%
Slaughter ¹	1061	1101	1070	953	986	991	1037	1036	1003	1002	1000	976	983	971	972	1034.1	-6.0%	-0.2%
Steers and Heifers ²	765	748	758	695	701	691	737	720	682	673	670	648	659	663	663	733.4	-9.6%	-0.5%
Bulls and Cows ²	280	349	318	265	285	282	266	266	271	278	279	278	273	259	259	299.4	-13.5%	-1.0%
Net Exports ³																		
Slaughter Cattle	-19	10	31	124	177	25	71	27	1	9	9	-1	1	11	11	64.8	-83.4%	-9.0%
Feeder Cattle	-181	-194	-161	-97	-2	-172	-197	-115	-126	-133	-145	-166	-177	-177	-173	-127.0	35.9%	0.0%
Steer Price, A1-A2, Edmonton (\$/cwt)	78	85	87	88	91	101	93	87	86	86	88	92	96	97	97	85.8	13.6%	-0.4%
Feeder Calf Price 5-600 lb, Edmonton (\$/cwt)	99	124	130	115	106	126	113	107	104	102	106	112	117	119	114.8	3.7%	-0.6%	
Cow Price, D1,D2 Ontario (\$/cwt)	22	31	36	40	53	55	52	49	48	47	47	49	50	51	51	36.3	40.4%	-0.8%
Beef Supply-Disposition (kt)																		
Production	1457	1430	1292	1239	1273	1344	1359	1383	1398	1404	1409	1420	1434	1442	1449	1338.0	8.3%	0.8%
High Quality Beef	722	689	599	574	583	636	655	663	672	675	678	683	688	692	695	633.5	9.8%	1.0%
Low Quality Beef	682	701	659	641	655	677	678	688	694	696	698	704	712	716	721	667.6	7.9%	0.7%
Uninspected	53	39	33	24	35	30	26	32	32	33	33	33	33	33	33	36.9	-9.3%	1.0%
Imports	111	125	146	201	243	289	284	268	259	254	258	271	286	295	300	165.2	81.7%	0.4%
Disappearance	983	976	972	1006	974	939	947	968	988	996	996	992	988	990	993	982.2	1.1%	0.6%
Exports	590	581	457	438	553	684	696	683	669	661	671	699	731	747	756	523.7	44.4%	1.1%
Ending Stocks	40	39	48	44	32	42	42	42	42	42	42	42	42	42	42	40.5	3.7%	0.0%
Wholesale Beef Price (\$/cwt)	199	198	192	201	210	234	217	205	205	206	213	221	229	232	235	200.2	17.6%	0.1%
Retail Beef Price (\$/kg)	8.44	8.59	8.60	8.84	8.93	9.68	9.61	9.48	9.25	9.30	9.55	9.83	10.12	10.30	10.49	8.7	20.9%	0.9%

Historical Data Sources: Statistics Canada - CANSIM; Statistics Canada - Livestock Statistics, Catalogue 23-603; Agriculture and Agri-Food Canada - Livestock and Meat

Trade Report, Internal calculations

Note: 1. Inspected and uninspected

2. Inspected

3. West and East Net Exports include inter-regional trade.

TABLE 11: Canadian hogs and pork

Table 11: Canadian hogs and pork

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Hog Inventories (December 31) (thous head)																		
Total	14810	15110	14907	13810	13395	13003	12937	12910	12923	12857	12680	12556	12543	12431	12281	14406.4	-14.8%	-0.6%
Hog Supply-Disposition (thous head)																		
Marketings	25740	25093	24537	24543	23697	22949	23070	23337	23759	23801	23327	23073	23290	23051	22641	24721.9	-8.4%	-0.1%
Slaughter	22857	22305	21774	21241	21215	21162	21459	21784	22030	22130	22114	21995	21830	21693	21603	21878.3	-1.3%	0.2%
Exports (Slaughter Hogs)	2883	2789	2763	3302	2482	1787	1611	1552	1729	1670	1213	1078	1460	1358	1039	2843.6	-63.5%	-5.9%
Exports (Weanling Hogs)	5622	5415	6014	6716	7052	5994	5574	5184	4821	4484	4170	3878	3607	3354	3119	6163.7	-49.4%	-7.0%
Western Canada Hog Supply-Disposition (thous head)																		
Marketings	10903	10960	10820	10592	9755	9081	9267	9432	9747	9869	9551	9334	9534	9446	9207	10606.2	-13.2%	0.2%
Slaughter	9145	9131	9022	8304	8053	8010	8212	8432	8582	8672	8717	8679	8594	8541	8534	8731.0	-2.3%	0.7%
Exports (Slaughter Hogs)	1758	1829	1798	2288	1702	1070	1055	1000	1165	1196	834	655	940	905	673	1875.2	-64.1%	-5.0%
Exports (Weanling Hogs)	3587	4129	4670	5469	5743	4881	4540	4222	3926	3652	3396	3158	2937	2732	2540	4719.8	-46.2%	-7.0%
Eastern Canada Hog Supply-Disposition (thous head)																		
Marketings	14837	14133	13716	13951	13942	13868	13803	13905	14012	13932	13776	13739	13755	13605	13434	14115.7	-4.8%	-0.4%
Slaughter	13712	13174	12752	12937	13162	13152	13247	13353	13448	13458	13397	13316	13236	13153	13068	13147.3	-0.6%	-0.1%
Exports (Slaughter Hogs)	1125	959	965	1014	780	717	556	552	564	474	380	423	519	453	365	968.4	-62.3%	-7.2%
Exports (Weanling Hogs)	2035	1286	1344	1246	1309	1112	1035	962	895	832	774	720	669	623	579	1443.9	-59.9%	-7.0%
Hog Price, Index 100 Ontario (\$/ckg)	160	149	131	125	123	141	149	148	142	137	156	160	140	136	149	137.6	8.3%	0.6%
Pork Supply-Disposition (kt)																		
Production	1928	1910	1901	1867	1870	1872	1907	1946	1977	1997	2005	2005	2000	1998	2000	1895.2	5.5%	0.7%
Imports	101	135	142	168	179	205	211	206	208	231	224	215	236	252	264	144.9	82.4%	2.8%
Disappearance	845	736	765	789	782	784	789	798	808	815	815	822	837	844	844	783.2	7.7%	0.8%
Waste & Manufacturing	199	197	196	192	193	193	196	200	204	206	207	206	206	206	206	195.2	5.5%	0.7%
Exports	983	1103	1094	1045	1072	1101	1130	1150	1171	1205	1208	1192	1193	1200	1214	1059.4	14.6%	1.1%
Ending Stocks	50	60	49	58	60	59	61	65	68	69	70	69	70	70	69	55.2	25.4%	1.8%
Wholesale Pork Price (\$/kg)	3.03	2.72	2.47	2.41	2.39	2.82	2.96	2.89	2.79	2.76	2.96	2.99	2.79	2.78	2.94	2.6	13.0%	0.5%
Retail Pork Price (\$/kg)	7.47	7.56	7.26	7.32	7.22	7.67	7.84	7.88	7.73	7.75	8.07	8.19	8.05	8.15	8.49	7.4	15.2%	1.1%

Historical Data Sources: Statistics Canada - CANSIM; Statistics Canada - Livestock Statistics, Catalogue 23-603; Agriculture and Agri-Food Canada - Livestock and Meat Trade Report, Internal calculations

TABLE 12: Canadian poultry and eggs

Table 12: Canadian poultry and eggs

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Chicken Supply-Disposition (kt)																		
Production	946	977	972	1,006	1,034	1,037	1,044	1,054	1,064	1,071	1,084	1,101	1,113	1,127	1,143	987.1	15.8%	1.1%
Imports	130	133	151	168	161	164	165	167	168	170	172	174	176	178	180	148.6	21.0%	1.0%
Disappearance	994	1,013	1,034	1,044	1,062	1,073	1,075	1,085	1,094	1,100	1,112	1,129	1,142	1,155	1,171	1029.3	13.7%	1.0%
Exports	72	92	99	122	131	133	135	137	139	141	143	145	147	149	152	103.2	46.9%	1.5%
Ending Stocks	33	38	28	37	39	35	35	34	34	35	35	36	36	37	37	35.1	6.5%	0.7%
Live Chicken Price, Ontario Broiler (c/kg)	122	119	114	128	144	145	145	141	142	145	146	147	147	148	149	125.5	18.7%	0.3%
Wholesale Chicken Price, Central Canada (c/kg)	289	273	277	305	311	308	311	308	312	318	325	330	332	336	342	291.1	17.5%	1.2%
Retail Chicken Price, Ontario (c/kg)	504	521	516	555	582	584	595	594	596	605	617	628	634	643	655	535.6	22.3%	1.3%
Turkey Supply-Disposition (kt)																		
Production	145	155	163	169	179	174	175	178	182	183	184	186	187	189	190	162.3	17.0%	1.0%
Imports	10	15	9	8	7	8	8	9	9	9	9	9	9	9	9	9.9	-7.9%	1.0%
Disappearance	140	145	145	148	152	159	160	163	164	164	165	167	168	169	170	146.0	16.6%	0.7%
Exports	19	25	27	26	26	26	26	27	27	27	28	28	28	28	29	24.7	16.2%	1.0%
Ending Stocks	12	12	13	15	24	20	17	15	15	15	15	15	15	15	16	15.2	2.6%	-2.8%
Live Turkey Price, Ontario Broiler (c/kg)	158	149	147	162	181	182	182	177	178	181	183	183	183	184	185	159.5	16.2%	0.2%
Wholesale Turkey Price, Ontario (c/kg)	336	328	364	364	372	362	368	367	368	373	375	376	376	377	379	352.6	7.6%	0.5%
Retail Turkey Price, Ontario (c/kg)	424	438	438	441	450	438	449	453	451	453	458	462	465	469	474	438.3	8.1%	0.9%
Shell Egg Supply-Disposition ('000 boxes of 15 dozen)¹																		
Production	24699	25838	26153	26803	27201	27340	27496	27809	28015	28299	28357	28498	28660	28885	29150	26138.8	11.5%	0.7%
Imports ^c	663	588	590	607	669	684	676	659	671	674	685	695	705	716	727	623.4	16.7%	0.7%
Disappearance	24670	25689	26003	26676	27133	27287	27435	27732	27949	28236	28305	28455	28628	28864	29140	26034.1	11.9%	0.7%
Hatching and Leakers & Undergrades	4634	4756	4694	4758	4730	4729	4752	4785	4821	4843	4883	4938	4978	5022	5074	4714.3	7.6%	0.8%
Egg Producer Price, Ontario A Large (c/doz.)	153	142	146	158	164	165	165	162	164	168	170	171	173	174	176	152.5	15.7%	0.8%
Wholesale Egg Price, Ontario (c/doz.)	177	179	182	195	203	205	214	208	210	213	216	216	218	220	225	187.3	20.0%	1.0%
Retail Egg Price, Ontario (c/doz.)	229	234	253	265	273	275	285	279	282	288	293	296	300	305	312	250.7	24.2%	1.4%
Processed Egg Supply-Disposition ('000 boxes of 15 dozen)																		
Production	9715	10631	10948	10590	10397	9889	10080	10264	10413	10549	10623	10720	10906	10970	11139	10456.1	6.5%	1.3%
Imports	1411	953	1186	1139	1808	1721	1773	1729	1759	1768	1797	1822	1849	1878	1907	1299.6	46.8%	1.1%
Disappearance	6919	8472	9386	7902	8624	8226	8282	8326	8441	8502	8549	8604	8748	8794	8923	8260.6	8.0%	0.9%
Exports	4113	4029	3376	4175	3928	4018	4105	4190	4272	4351	4428	4502	4574	4643	4709	3924.4	20.0%	1.8%
Ending Stocks	815	722	739	588	678	618	640	660	671	689	697	704	717	717	729	708.5	2.9%	1.8%
Producer Price of Breaker Eggs																		
Ontario (c/doz.)	67.9	38.6	38.1	70.6	89.5	94.0	90.6	87.7	88.4	88.2	88.5	88.5	88.5	88.8	89.5	61.0	46.8%	-0.6%
USA (US cents/doz.)	48.4	29.0	29.4	66.9	74.3	71.7	72.5	72.7	74.5	74.6	75.0	75.0	75.0	75.2	75.9	49.6	53.0%	0.6%
Breaker Egg Levy (c/doz.)	23.0	24.5	25.8	28.4	25.0	24.2	24.0	23.4	23.6	24.7	25.2	25.6	26.1	26.2	26.6	25.3	5.1%	1.0%

Historical Data Sources: Marketing Boards; Agriculture and Agri-Food Canada - Poultry Market Review

Notes: 1. Table eggs do not balance due to statistical error.

2. In previous reports, imports of table eggs contained imports of whole eggs that were used in the breaker market. These eggs are now included in breaker egg imports.

TABLE 13: Canadian dairy sector (dairy year)

Table 13: Canadian dairy sector (dairy year)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Total Milk Production (Mhl)	81.5	80.6	80.8	83.5	83.0	83.5	83.9	84.9	85.3	85.4	85.5	86.3	86.8	87.3	87.9	81.9	7.3%	0.6%
P10 Milk Price (\$/hl)	64.5	67.2	69.1	71.3	71.8	72.0	72.8	73.7	74.7	75.6	76.2	76.8	77.2	78.0	78.9	68.8	14.7%	1.0%
Fluid Sector Supply-Disposition (Mhl)																		
Production	31.7	32.1	32.4	33.1	32.9	33.3	33.7	34.1	34.4	34.4	34.3	34.5	34.6	34.8	34.9	32.4	7.6%	0.5%
Standard Milk Sales	4.1	4.0	4.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	4.0	-5.8%	-0.3%
Low-Fat Milk Sales ¹	22.9	23.2	23.2	23.5	23.7	23.9	24.2	24.5	24.7	24.8	25.0	25.3	25.5	25.7	25.9	23.3	11.2%	0.9%
Cream Sales ²	10.9	11.5	12.0	12.1	12.3	12.6	12.9	13.2	13.4	13.7	14.0	14.2	14.5	14.8	15.1	11.8	28.6%	2.1%
Skim-off cream to industrial sector	7.9	7.9	7.7	7.8	7.9	7.9	8.0	8.0	8.1	8.2	8.2	8.3	8.3	8.4	8.5	7.8	9.1%	0.9%
Fluid Price - P10 (\$/hl)	73.3	76.6	78.9	83.1	86.0	87.6	89.5	91.6	93.1	94.3	95.3	96.2	97.1	98.1	99.2	79.6	24.7%	1.4%
Industrial Milk Supply (Mhl)	49.8	48.5	48.4	50.4	50.1	50.2	50.2	50.8	51.0	51.1	51.2	51.7	52.2	52.6	53.0	49.4	7.2%	0.6%
Market Share Quota (Butterfat Basis)	49.7	48.3	48.5	50.7	49.0	49.2	49.2	49.8	50.0	50.1	50.3	50.8	51.2	51.7	52.1	49.2	5.8%	0.6%
Milk for Export	0.1	0.2	0.0	0.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.3	226.9%	-1.3%
Gross Target Return (\$/hl)	66.1	70.8	71.4	72.1	74.3	74.4	74.7	74.9	75.7	76.8	77.8	78.8	79.6	80.7	81.8	70.9	15.3%	1.1%
Assumed Processing Margin (\$/hl)	9.3	9.0	11.0	11.1	11.2	11.2	11.2	11.2	11.4	11.5	11.7	11.8	11.9	12.1	12.3	10.3	19.0%	1.1%
Butter Supply-Disposition (kt)																		
Production	83.5	79.3	73.5	84.2	90.4	83.0	82.0	83.3	84.3	83.6	83.0	84.6	85.6	86.0	87.1	82.2	6.0%	0.5%
Imports	14.2	11.3	8.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	9.1	-36.7%	0.0%
Disappearance*	84.0	78.6	84.0	83.2	83.4	85.8	85.8	86.1	86.2	85.8	85.5	86.5	87.6	88.2	89.2	82.6	7.9%	0.4%
Exports	0.4	2.4	1.9	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.1	-54.7%	0.0%
Ending Stocks	22.3	23.8	14.6	18.6	28.4	28.4	27.4	27.4	28.2	28.7	29.0	29.9	30.7	31.3	32.0	21.5	48.4%	1.3%
Wholesale Butter Support Price (\$/kg)	6.58	6.87	6.87	6.90	7.06	7.24	7.40	7.56	7.72	7.89	8.07	8.25	8.43	8.61	8.80	6.9	28.4%	2.2%
Skim Milk Powder Supply-Disposition (kt)																		
Production	76.1	72.8	70.0	80.7	87.5	87.0	88.3	89.6	89.6	91.1	93.2	94.3	95.3	95.6	95.8	77.4	23.7%	1.1%
Disappearance*	66.0	48.6	53.7	30.3	52.3	51.2	53.4	54.7	53.0	54.6	56.9	58.0	59.2	59.5	59.8	50.2	19.1%	1.7%
- through class 4M	32.8	33.8	25.5	14.8	23.3	22.0	23.2	22.9	20.2	21.0	22.3	22.5	22.5	21.8	21.1	26.0	-19.0%	-0.5%
Exports	11.1	10.4	10.5	16.3	10.9	10.7	10.2	10.1	10.1	9.9	9.8	9.7	9.7	9.6	9.5	11.9	-19.8%	-1.3%
Ending Stocks	20.0	25.1	18.3	25.2	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.9	-4.3%	0.0%
Wholesale Skim Milk Powder Support Price (\$/kg)	5.56	5.78	5.88	5.95	6.20	6.18	6.19	6.13	6.15	6.21	6.26	6.29	6.32	6.36	6.41	5.9	9.1%	0.4%

Historical Data Sources: Statistics Canada - CANSIM; Canadian Dairy Commission; Agriculture and Agri-Food Canada - Dairy Market Review, Internal calculations

Notes: 1. Low fat milk includes 2%, 1%, skim milk, buttermilk and chocolate milk.

2. Cream includes table cream, whipping cream, sour cream, and cereal cream.

* Excluding imports for reexport program (IREP).

TABLE 13: Canadian dairy sector (dairy year)

(Cont'd)

Table 13: Canadian dairy sector (dairy year) (Continued)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Cheddar Cheese Supply-Disposition (kt)																		
Production	130.6	136.5	143.1	143.2	140.6	144.7	144.0	145.5	145.8	147.6	149.2	149.8	150.7	153.5	154.3	138.8	11.2%	0.7%
Imports	1.6	1.3	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	-2.1%	0.0%
Disappearance*	120.1	124.8	135.0	134.6	135.1	138.8	139.6	141.0	141.6	143.1	144.7	145.6	146.6	148.9	150.1	129.9	15.6%	0.9%
Exports	4.5	4.7	5.0	5.4	5.9	5.8	5.3	5.2	5.2	5.2	5.1	5.1	5.0	5.0	4.9	5.1	-3.7%	-1.7%
Ending Stocks	44.2	48.6	48.7	49.0	49.8	51.2	51.5	52.0	52.2	52.8	53.4	53.7	54.1	54.9	55.4	48.1	15.2%	0.9%
Wholesale Price (\$/kg)	8.24	8.50	8.62	8.74	8.91	8.99	9.07	9.14	9.24	9.40	9.54	9.68	9.81	9.95	10.11	8.6	17.6%	1.3%
Specialty Cheese Supply-Disposition (kt)																		
Production	219.2	219.2	223.8	230.6	230.1	237.1	240.5	242.6	243.4	246.0	249.1	252.7	255.7	258.5	261.9	224.6	16.6%	1.1%
Imports	18.7	21.8	21.6	19.6	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	20.2	-4.9%	0.0%
Disappearance*	231.1	235.3	239.7	242.6	245.1	252.3	256.0	258.1	259.0	261.6	264.7	268.4	271.3	274.1	277.6	238.7	16.3%	1.1%
Exports	5.5	5.6	5.2	5.4	4.0	3.8	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.3	5.1	-36.2%	-1.7%
Ending Stocks	16.8	17.0	17.5	22.0	22.3	22.5	22.7	22.9	23.1	23.3	23.5	23.7	23.9	24.1	24.3	19.1	27.0%	0.9%
Ice Cream Supply-Disposition (kt)																		
Production	214.8	221.5	210.5	203.6	197.4	201.6	202.8	204.2	204.3	204.5	204.8	205.1	205.3	205.5	205.6	209.6	-1.9%	0.2%
Imports	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	27.9%	2.8%
Disappearance	208.4	209.4	199.0	191.5	188.0	192.2	193.3	194.8	194.9	195.1	195.4	195.8	196.0	196.2	196.3	199.3	-1.5%	0.2%
Exports	6.8	12.6	11.8	12.5	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	10.7	-8.0%	0.0%
Wholesale Ice Cream Price , (\$/kg)	2.89	2.98	2.99	3.09	3.16	3.26	3.29	3.31	3.35	3.40	3.45	3.49	3.52	3.55	3.60	3.0	19.2%	1.1%
Yogurt Supply-Disposition (kt)																		
Production	228.3	240.3	244.5	265.1	270.4	283.0	289.1	291.1	295.9	304.5	307.6	311.0	315.4	319.1	322.1	249.7	29.0%	1.4%
Imports	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	3.1%	0.0%
Disappearance	228.2	240.0	244.0	264.4	270.1	282.7	288.9	290.8	295.7	304.2	307.4	310.8	315.1	318.9	321.8	249.3	29.1%	1.5%
Exports	0.6	0.8	1.0	1.3	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	-11.3%	0.0%

Historical Data Sources: Statistics Canada - CANSIM; Canadian Dairy Commission; Agriculture and Agri-Food Canada - Dairy Market Review, Internal calculations

* Excluding imports for reexport program (IREP).

TABLE 14: Canadian food prices (base year = 2002)

Table 14: Canadian food prices (base year = 2002)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Retail Price Indexes and % change																		
Total Food	103.81	106.39	108.93	111.81	115.73	118.17	119.91	121.42	123.48	126.77	130.51	134.17	137.38	140.86	144.73	109.3	32.4%	2.3%
	2.0%	2.5%	2.4%	2.6%	3.5%	2.1%	1.5%	1.3%	1.7%	2.7%	3.0%	2.8%	2.4%	2.5%	2.7%			
Food from Restaurants	105.15	108.20	111.07	114.11	117.00	119.41	121.06	122.54	124.97	128.62	132.52	136.38	140.01	143.81	147.84	111.1	33.1%	2.4%
	2.6%	2.9%	2.6%	2.7%	2.5%	2.1%	1.4%	1.2%	2.0%	2.9%	3.0%	2.9%	2.7%	2.7%	2.8%			
Food from Stores	103.24	105.61	108.01	110.85	115.24	117.69	119.46	120.99	122.91	126.06	129.74	133.31	136.36	139.72	143.53	108.6	32.2%	2.2%
	1.8%	2.3%	2.3%	2.6%	4.0%	2.1%	1.5%	1.3%	1.6%	2.6%	2.9%	2.8%	2.3%	2.5%	2.7%			
Meat	106.18	108.24	107.93	111.14	112.25	117.40	118.53	118.14	116.61	117.51	120.72	123.11	124.15	125.94	128.93	109.2	18.1%	1.0%
	4.3%	1.9%	-0.3%	3.0%	1.0%	4.6%	1.0%	-0.3%	-1.3%	0.8%	2.7%	2.0%	0.8%	1.4%	2.4%			
Dairy Products	105.46	111.05	115.72	119.91	125.33	128.07	130.84	133.92	137.25	140.94	144.53	148.17	151.80	155.58	159.59	115.5	38.2%	2.5%
	2.5%	5.3%	4.2%	3.6%	4.5%	2.2%	2.2%	2.4%	2.5%	2.7%	2.5%	2.5%	2.4%	2.5%	2.6%			
Bakery Products	106.96	109.78	113.59	118.14	133.07	123.40	121.77	121.19	122.68	125.55	127.49	130.46	132.43	134.67	136.79	116.3	17.6%	1.2%
	2.6%	2.6%	3.5%	4.0%	12.6%	-7.3%	-1.3%	-0.5%	1.2%	2.3%	1.5%	2.3%	1.5%	1.7%	1.6%			
Fruit	97.90	96.23	98.35	99.55	99.70	103.88	105.40	107.74	110.93	114.56	118.06	121.36	124.53	127.61	130.61	98.3	32.8%	2.6%
	1.5%	-1.7%	2.2%	1.2%	0.2%	4.2%	1.5%	2.2%	3.0%	3.3%	3.1%	2.8%	2.6%	2.5%	2.4%			
Vegetables	88.92	89.88	95.33	95.15	94.51	101.16	103.00	104.67	106.75	108.86	110.89	112.71	114.36	115.95	117.49	92.8	26.7%	1.7%
	-3.5%	1.1%	6.1%	-0.2%	-0.7%	7.0%	1.8%	1.6%	2.0%	2.0%	1.9%	1.6%	1.5%	1.4%	1.3%			
Sugar & Sugar Preparations	97.36	96.89	99.90	99.98	102.32	104.34	106.23	108.28	111.07	115.02	118.86	123.01	127.02	131.23	135.64	99.3	36.6%	3.0%
	-2.6%	-0.5%	3.1%	0.1%	2.3%	2.0%	1.8%	1.9%	2.6%	3.6%	3.3%	3.5%	3.3%	3.3%	3.4%			
Fats & Oils	106.85	108.56	110.30	114.15	124.92	121.88	122.67	123.02	124.53	126.87	129.09	131.36	133.84	136.31	138.83	113.0	22.9%	1.5%
	3.0%	1.6%	1.6%	3.5%	9.4%	-2.4%	0.6%	0.3%	1.2%	1.9%	1.8%	1.8%	1.9%	1.9%	1.8%			

Historical Data Sources: Statistics Canada - CANSIM.

TABLE 15: Canadian per capita consumption

Table 15: Canadian per capita consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Meat (kg)	92.3	88.5	89.0	90.2	88.9	87.7	87.3	87.6	87.9	87.6	87.0	86.7	86.4	86.2	85.8	89.8	-4.5%	-0.2%
Beef	30.6	30.1	29.7	30.4	29.2	27.9	27.8	28.1	28.4	28.4	28.1	27.7	27.2	27.0	26.8	30.0	-10.6%	-0.4%
Pork	26.3	22.7	23.3	23.8	23.4	23.3	23.2	23.2	23.3	23.2	23.0	22.9	23.1	23.0	22.8	23.9	-4.8%	-0.2%
Chicken	31.0	31.2	31.6	31.5	31.8	31.8	31.6	31.6	31.5	31.3	31.3	31.5	31.5	31.5	31.6	31.4	0.6%	-0.1%
Turkey	4.4	4.5	4.4	4.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.5	3.1%	-0.3%
Eggs (doz)	11.5	11.9	11.9	12.1	12.2	12.1	12.1	12.1	12.1	12.1	12.0	11.9	11.8	11.8	11.8	11.9	-1.0%	-0.3%
Whole Milk (l)	12.7	12.5	12.2	11.6	11.4	11.3	11.2	11.1	10.9	10.8	10.6	10.5	10.3	10.2	10.1	12.1	-16.7%	-1.3%
Low-fat Milk (l)	71.3	71.5	70.9	71.0	70.9	71.0	71.1	71.2	71.0	70.7	70.6	70.4	70.3	70.1	69.9	71.1	-1.7%	-0.2%
Cream (l)	34.0	35.4	36.6	36.6	36.9	37.3	37.8	38.3	38.6	38.9	39.3	39.7	40.1	40.4	40.8	35.9	13.7%	1.0%
Butter (kg)	2.6	2.4	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.5	-4.6%	-0.6%
Cheese (kg)	7.8	8.0	7.9	7.8	7.8	8.0	8.0	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.8	7.9	-0.5%	-0.2%
Ice Cream (kg)	6.5	6.5	6.1	5.8	5.6	5.7	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	6.1	-13.0%	-0.8%
Yogurt (kg)	7.1	7.4	7.4	8.0	8.1	8.4	8.5	8.5	8.5	8.7	8.7	8.7	8.7	8.7	8.7	7.6	14.2%	0.4%

Historical Data Sources: Statistics Canada - CANSIM; Agriculture and Agri-Food Canada - Internal calculations

TABLE 16: Manufacturing shipments

Table 16: Manufacturing shipments

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Food and beverage (m\$)	73300	73492	76908	79629	83488	87783	87943	87968	89386	91642	93947	96223	98090	100249	102562	77363.4	32.6%	1.7%
Food	63591	63508	67758	70198	74048	78113	77984	77714	78848	80821	82825	84808	86375	88231	90234	67820.5	33.0%	1.6%
Bakery product	6751	7141	7959	8335	8582	8806	8506	8378	8515	8822	8942	9282	9409	9585	9671	7753.6	24.7%	1.0%
Flour milling	1353	1268	1468	1664	2373	2319	2186	2112	2133	2183	2199	2192	2199	2221	2239	1625.0	37.8%	-0.4%
Animal feed	5463	5073	5282	5525	5829	5947	5741	5573	5588	5739	5810	5796	5811	5865	5901	5434.3	8.6%	-0.1%
Oilseed processing	3737	3014	2983	3371	4933	5360	5856	6000	6122	6272	6373	6476	6561	6685	6796	3607.7	88.4%	2.7%
Red meat	15124	14813	15775	16208	15931	17118	17447	17649	17962	18331	18956	19441	19732	20118	20663	15570.2	32.7%	2.1%
Dairy product	11013	11652	12528	12487	13124	13440	13709	13964	14210	14476	14777	15075	15388	15691	16025	12160.8	31.8%	2.0%
Poultry meat	5017	4992	5089	5245	5176	5099	5194	5208	5338	5486	5656	5828	5931	6079	6270	5103.8	22.8%	2.3%
All other food	14406	14821	15783	16580	17345	19284	18596	18071	18219	18748	19344	19944	20571	21213	21891	15787.1	38.7%	1.4%
Beverage	9709	9984	9150	9431	9440	9670	9959	10255	10538	10822	11121	11415	11714	12018	12327	9542.8	29.2%	2.7%
Breweries	4377	4603	4502	4582	4628	4730	4891	5059	5215	5371	5543	5710	5881	6057	6239	4538.3	37.5%	3.1%
All other beverage	5332	5381	4648	4849	4813	4940	5068	5195	5323	5451	5578	5706	5833	5961	6088	5004.5	21.7%	2.3%

Historical Data Sources: Statistics Canada-CANSIM; Agriculture and Agri-Food Canada, Internal calculations.

TABLE 17: Agri-food trade

Table 17: Agri-food trade

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Exports (m\$)																		
Grains	4069	3311	4269	5688	8808	8250	7631	6921	7009	7508	7761	7721	7701	7732	7758	5228.9	48.4%	-0.7%
Grain Products	2351	2378	2465	2631	2992	3152	3134	3154	3241	3354	3393	3481	3498	3524	3539	2563.4	38.1%	1.3%
Animal Feeds	734	693	703	793	794	794	877	900	911	927	936	943	945	951	961	743.2	29.3%	2.1%
Dried Pulses	813	959	989	1319	1892	1947	1808	1646	1595	1584	1538	1504	1500	1521	1530	1194.3	28.1%	-2.6%
Oilseeds	2107	2019	2530	3397	5448	5097	4683	4318	4534	4746	4734	4742	4842	4991	5052	3100.0	63.0%	-0.1%
Oilseed Products	1501	1097	1248	1573	2465	2898	3536	3767	3874	3992	4086	4186	4250	4351	4425	1576.7	180.7%	4.8%
Live Animals Excluding Poultry	799	1481	1967	2371	2310	1658	1701	1437	1242	1213	1198	1062	1011	927	938	1785.7	-47.5%	-6.1%
Red Meats	4625	4724	3895	3669	4055	5429	5555	5414	5357	5429	5771	5969	6012	6124	6414	4193.7	52.9%	1.9%
Other Animal Products	864	963	1035	1054	1224	1354	1356	1376	1376	1363	1362	1367	1376	1385	1396	1027.9	35.8%	0.3%
Dairy Products	309	291	296	303	269	237	218	209	210	214	214	214	213	214	214	293.8	-27.3%	-1.2%
Poultry & Eggs	333	333	326	411	429	433	441	442	453	466	479	490	499	511	524	366.4	43.2%	2.2%
Fruit & Nuts	554	594	669	714	747	877	867	869	891	921	956	990	1025	1060	1095	655.6	67.0%	2.5%
Vegetables Excluding Potatoes	1146	1105	1134	1077	1121	1326	1320	1330	1370	1424	1485	1545	1605	1666	1726	1116.8	54.5%	3.0%
Potatoes & Products	1099	1012	1042	1125	1172	1381	1371	1378	1416	1469	1528	1587	1647	1706	1765	1090.1	61.9%	2.8%
Seeds For Sowing	207	203	214	286	329	383	376	375	382	393	405	418	430	443	456	247.7	83.9%	1.9%
Maple Products	154	165	190	218	238	280	277	277	284	294	305	316	327	338	349	193.1	80.8%	2.5%
Vegetable Fibres	18	21	25	24	18	20	19	18	18	18	18	18	18	17	17	21.1	-17.3%	-1.4%
Plantation Crops	715	723	709	690	779	917	909	913	938	972	1010	1049	1087	1126	1164	723.3	61.0%	2.7%
Floriculture & Nursery Products	453	387	360	323	279	327	323	323	330	341	354	366	379	391	404	360.3	12.1%	2.4%
Essential Oils	23	25	19	22	41	49	48	48	49	51	53	54	56	58	60	26.1	129.5%	2.4%
Alcoholic Beverages	841	711	726	699	661	752	722	703	702	707	716	726	735	744	753	727.6	3.5%	0.0%
Other Beverages Excluding Juices	380	330	276	207	184	215	212	211	216	222	230	237	245	252	260	275.3	-5.6%	2.1%
Other Agri-Food	2680	2705	2758	2787	2711	3157	3129	3140	3220	3335	3464	3591	3717	3843	3970	2728.0	45.5%	2.6%
Total Agri-Food Exports	26775	26230	27843	31381	38965	40932	40511	39166	39617	40942	41994	42577	43117	43874	44768	30238.9	48.0%	1.0%
Total Agri-Food Imports	20212	20865	22236	22379	25005	28613	28023	27589	28029	28829	29710	30485	31299	32172	33061	22139.1	49.3%	1.6%
Total Agri-Food Net Exports	6563	5366	5608	9003	13960	12319	12488	11577	11589	12114	12284	12092	11817	11702	11708	8099.8	44.5%	-0.6%

Historical Data Sources: Statistics Canada-CANSIM; Agriculture and Agri-Food Canada, Internal calculations.

TABLE 18: Canadian farm input prices (base year = 1992)

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	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Farm Input Price Indexes and % change																		
Building and Fencing (Wt=4.48)	137.7	136.3	137.7	138.7	143.7	146.6	149.7	153.1	156.6	160.2	163.8	167.5	171.2	175.1	179.0	138.8	29.0%	2.2%
	12.5%	-1.0%	1.0%	0.7%	3.6%	2.1%	2.1%	2.3%	2.3%	2.2%	2.2%	2.2%	2.3%	2.3%	2.3%			
Machinery Replacement (Wt=8.16)	162.5	166.6	167.9	171.0	168.3	187.8	182.6	179.7	180.4	182.6	185.5	188.6	191.6	194.7	197.9	167.3	18.3%	0.6%
	0.6%	2.5%	0.8%	1.8%	-1.6%	11.6%	-2.8%	-1.6%	0.4%	1.2%	1.6%	1.6%	1.6%	1.6%	1.6%			
Petroleum Products (Wt=5.03)	148.9	175.6	199.3	204.9	228.8	197.5	206.4	215.6	221.1	222.8	225.2	227.5	229.9	232.3	234.7	191.5	22.6%	1.9%
	-3.7%	17.9%	13.5%	2.8%	11.7%	-13.7%	4.5%	4.4%	2.5%	0.8%	1.0%	1.0%	1.0%	1.0%	1.1%			
Machinery Repair (Wt=5.79)	137.1	139.5	140.8	143.4	154.8	157.3	157.8	158.3	161.2	166.3	171.5	176.8	182.4	188.1	193.9	143.1	35.5%	2.4%
	0.8%	1.8%	0.9%	1.8%	7.9%	1.6%	0.3%	0.3%	1.9%	3.1%	3.1%	3.1%	3.1%	3.1%	3.1%			
Seed (Wt=2.85)	139.9	139.4	141.7	149.4	168.2	166.9	169.0	168.0	170.4	175.5	178.6	180.4	182.3	185.2	187.8	147.7	27.1%	1.3%
	-6.5%	-0.4%	1.6%	5.4%	12.6%	-0.7%	1.2%	-0.6%	1.4%	3.0%	1.8%	1.0%	1.1%	1.6%	1.4%			
Fertilizer (Wt=5.51)	163.8	173.4	183.9	225.6	356.1	246.3	246.1	243.8	251.3	259.3	261.2	260.5	261.5	264.2	266.1	220.6	20.6%	0.9%
	-1.7%	5.9%	6.1%	22.7%	57.9%	-30.8%	-0.1%	-0.9%	3.0%	3.2%	0.7%	-0.3%	0.4%	1.0%	0.7%			
Pesticides (Wt=2.93)	136.3	142.7	143.0	147.2	152.7	162.1	159.7	158.2	158.6	159.6	161.1	162.5	163.9	165.4	166.9	144.4	15.6%	0.3%
	2.6%	4.7%	0.2%	2.9%	3.7%	6.2%	-1.5%	-0.9%	0.2%	0.7%	0.9%	0.9%	0.9%	0.9%	0.9%			
Twine (Wt=0.62)	120.0	128.2	141.7	147.6	144.2	147.3	150.3	154.2	158.2	162.2	166.2	170.4	174.7	179.1	183.6	136.3	34.6%	2.5%
	0.2%	6.8%	10.5%	4.2%	-2.3%	2.1%	2.1%	2.6%	2.6%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%			
Feeder Cattle (Wt=13.23)	91.5	121.5	125.4	131.9	106.3	125.2	114.0	107.2	104.5	103.1	106.9	112.4	117.1	117.4	119.3	115.3	3.4%	-0.5%
	-24.8%	32.8%	3.2%	5.2%	-19.4%	17.8%	-8.9%	-6.0%	-2.5%	-1.3%	3.7%	5.1%	4.2%	0.3%	1.6%			
Weaners (Wt=1.22)	130.8	118.5	100.1	98.9	94.5	120.8	128.3	127.7	122.0	115.4	139.8	147.4	125.3	123.2	135.1	108.6	24.5%	1.3%
	24.8%	-9.4%	-15.5%	-1.2%	-4.5%	27.9%	6.2%	-0.5%	-4.4%	-5.4%	21.1%	5.5%	-15.0%	-1.7%	9.7%			
Feed (Wt=11.99)	128.3	110.2	112.4	144.7	167.4	167.4	163.2	156.4	155.6	158.5	159.3	158.6	157.8	157.7	157.2	132.6	18.6%	-0.7%
	-2.1%	-14.1%	2.0%	28.7%	15.7%	0.0%	-2.5%	-4.1%	-0.6%	1.9%	0.5%	-0.4%	-0.6%	-0.1%	-0.3%			
Veterinary Service (Wt=1.16)	172.2	176.7	183.2	189.6	199.9	205.4	206.5	207.6	214.1	225.5	237.4	250.0	263.3	277.3	292.1	184.3	58.5%	4.0%
	3.5%	2.6%	3.7%	3.5%	5.4%	2.7%	0.5%	0.5%	3.2%	5.3%	5.3%	5.3%	5.3%	5.3%	5.3%			
Small Tools (Wt=3.27)	100.7	97.9	95.1	93.5	93.8	94.0	94.0	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1	96.2	-2.2%	0.0%
	-2.2%	-2.8%	-2.9%	-1.7%	0.3%	0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

Historical Data Sources: Statistics Canada - CANSIM; Agriculture and Agri-Food Canada - Internal calculations

Note: 1. Reported weights for the input price indices are those assigned by Statistics Canada to calculate the farm input price index.

TABLE 18: Canadian farm input prices (base year = 1992)

(Cont'd)

Table 18: Canadian farm input prices (base year = 1992) (Continued)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average 2004-2008	%Chg. 2018: 2004-2008 Average	Average growth rate 2009-2018
Electricity (Wt=1.91)	132.0	136.1	140.9	140.9	142.1	143.4	146.0	148.8	151.8	154.8	157.9	161.0	164.2	167.4	170.8	138.4	23.4%	2.0%
	4.6%	3.1%	3.5%	0.0%	0.9%	0.9%	1.8%	1.9%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%			
Custom Work (Wt=1.12)	146.7	150.5	151.0	152.9	161.8	170.0	166.7	164.8	165.6	167.8	170.4	173.1	175.8	178.6	181.4	152.6	18.9%	0.7%
	-0.5%	2.6%	0.3%	1.3%	5.8%	5.1%	-2.0%	-1.1%	0.5%	1.3%	1.6%	1.6%	1.6%	1.6%	1.6%			
Hired Farm Labour (Wt=9.24)	135.4	137.7	142.7	149.7	152.6	155.1	155.6	156.1	159.0	164.1	169.3	174.6	180.1	185.8	191.7	143.6	33.5%	2.4%
	5.0%	1.7%	3.6%	4.9%	1.9%	1.6%	0.3%	0.3%	1.9%	3.2%	3.2%	3.2%	3.2%	3.2%	3.2%			
Property Taxes (Wt=1.66)	129.5	132.5	129.9	134.7	146.3	162.6	172.4	173.8	172.2	173.4	176.9	180.3	181.0	181.4	182.2	134.6	35.4%	1.3%
	2.5%	2.3%	-2.0%	3.7%	8.6%	11.2%	6.0%	0.8%	-0.9%	0.7%	2.0%	1.9%	0.4%	0.2%	0.4%			
Land Rent (Wt=3.46)	135.8	129.3	132.1	144.5	160.2	181.2	194.0	195.6	193.4	194.9	199.5	203.9	204.8	205.3	206.4	140.4	47.0%	1.5%
	3.0%	-4.8%	2.2%	9.4%	10.9%	13.1%	7.1%	0.8%	-1.1%	0.7%	2.4%	2.2%	0.5%	0.2%	0.5%			
Interest (Wt=9.38)	80.7	81.3	90.1	98.2	94.7	92.0	97.9	100.6	101.9	102.6	102.8	102.8	102.9	102.9	103.0	89.0	15.7%	1.3%
	-3.8%	0.7%	10.8%	9.0%	-3.5%	-2.9%	6.5%	2.7%	1.3%	0.6%	0.2%	0.1%	0.0%	0.0%	0.0%			
Total (Wt=100)	129.6	134.9	139.3	149.7	157.9	156.5	156.4	155.7	157.0	159.5	162.7	165.5	167.8	170.1	172.7	142.3	21.4%	1.1%
	-2.4%	4.1%	3.3%	7.5%	5.5%	-0.9%	-0.1%	-0.5%	0.9%	1.6%	2.0%	1.7%	1.4%	1.3%	1.5%			

Historical Data Sources: Statistics Canada - CANSIM; Agriculture and Agri-Food Canada - Internal calculations

Note: 1. Reported weights for the input price indices are those assigned by Statistics Canada to calculate the farm input price index.



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