

Canada Beef Quarterly Market Update

June 2022

Presented by: Canfax Research Services

www.canfax.ca



Publications

- Canada Beef Performs E-Newsletter
- Global Market Intelligence Report
- Domestic Market Intelligence Report
- Canadian Beef Trade

cdnbeefperforms.ca/market-reports





REPORT FOR AUGUST 2020 YTD TRADE

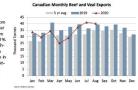
August Exports Stabilize Slightly Above 2019



were 40.151 tonnes (\$278 Million), up 2.5% in volume and up 1.1% in value from August 2019. Federally inspected slaughter numbers in August were down 2.7% fror last year. Fed cattle slaughter was down 1 from 2019 numbers, while non-fed slaug Brooklyn Breun Intern Merket Anelyst ter was down 14%. Beef exports seem to have peaked in July with a slight decrease

August but remain slightly above 2019 exports. On the dome tic front, foodservice continues to recover with growing foo traffic and other economic activities are a positive influence. Year to date, January through August 2020 beef exports at

270,152 tonnes valued at \$2.09 billion were down 8% in volume and down 1% in value from the same period in 2019



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Canadian Do	mestic	Exports	of Beef	an	d Veal	Product			August 2020				
	Year \$	Canadian \$ (000)		32	Year MT	Volume (MT)		30	Year \$/kg	Price (\$/kg)		Rank	
Country	Change	2019	2020	*	Change	2019	2020	*	Change	2019	2020	*	
	4.9%	1,522,789	1,597,680	1	-4.5%	211,611	202,089	1	9.9%	\$7.20	\$7.91	9	
Japan	-8.9%	231,716	211,112	2	-9.2%	32,450	29,454	2	0.4%	\$7.14	\$7.17	11	
Hong Kong	-24.4%	92,529	69,993	3	-4.9%	9,033	8,587	3	-20.4%	\$10.24	\$8.15	7	
	-29.1%	83,373	59,150	4	-26.7%	10,539	7,722	4	-3.2%	\$7.91	\$7.66	10	
	-41.1%	98,412	57,958	5	-50.4%	11,475	5,690	5	18.8%	\$8.58	\$10.19	6	
	-8.3%	26,889	24,667	6	1.3%	3,559	3,604	6	-9.4%	\$7.55	\$6.84	1,3	
	266.0%	4,286	15,686	7	336.6%	622	2,717	7	-16.2%	\$6.89	\$5.77	14	
	-18.6%	16,344	13,307	8	-15.6%	1,978	1,669	9	-3.5%	\$8.26	\$7.97	8	
United Kingdom	14.6%	9,255	10,610	9	12.2%	772	865	10	2.2%	\$12.00	\$12.26	4	
	64.9%	4,330	7,139	10	76.2%	319	562	11	-5.4%	\$13.57	\$12.70	3	
	68.8%	3,001	5,065	11	106.0%	134	276	13	-18.1%	\$22.39	\$18.34	1	
	1084.2%	291	3,442	12	957.1%	19	204	14	12.0%	\$15.09	\$16.90	2	
	-54.2%	5,162	2,363	13	-78.1%	1,560	342	12	108.7%	\$3.31	\$6.91	12	
	-51.3%	3,970	1,932	14	-51.9%	351	169	15	1.3%	\$11.31	\$11.45	5	
Angola	-0.2%	1,820	1,816	15	-9.5%	1,874	1,696	8	10.3%	\$0.97	\$1.07	15	
	-22.7%	14,970	11,576		-27.3%	8,533	6,201		6.4%	\$1.75	\$1.87		
Grand Total	-1.2%	2,117,317	2,091,680		-7.8%	292,955	270,152		7.1%	\$7.23	\$7.74		

Currency (Yuan = 1US\$ Interest Rates (%)

Unemployment (%) Stock Market (SCI) ts found in samples Hong Kong imported 1,114 tonnes of Canadian Beef (value '6% drop, (-77% on US\$ 6,35M) in July, up 9% compared with July 2019, thanks JS beef sales benefitting to the resumption of the Canadian Beef supply. Canadian beef imports in Hong Kong are likely to grow with both supply and price stability. Nonetheless the pandemic e unpredictable as evolvement in both Hong Kong and overseas, and more strict controls on the grey channel from mainland China, st. The evolvement of

Retail Sector Conditions

imited Canadian

China: Media reports and consumer concerns about imported frozen products continue to impact retail sales. Retailors remain cautious about introducing or promoting imported frozen meat products. As more samples of imported frozen products tested positive, and after a supermarket staff member tested positive for COVID-19 in Shenzhen, more measures and testing have been put in place at produce markets, supermarkets, food companies, cold storage facilities and cold-chain logistics firms. This includes employees and local residents. Retail buyers are wo weeks in the hope

may bring uncertainty to beef import trends going forward

rket	Status Da	Worse Better						
ctor		Food 5	Service Se	ctor	Import/Distribution			
me	Price	Restrictions	Volume	Price	Restrictions	Volume	Price	
ge	Average	Major	Low		None	Average	Average	
ge	High	Minor		Average	Minor		Average	
	High	Major	Very Low	Average	None	Low	Average	
ge	Average	Major	Very Low	High	Minor		Average	
ige	Average	None	Low	Average	None	Average	Average	
	Average	Major	Low	Average	None			



Source: Statistics Canada and AAFC

CANADIAN BEEF EXPORTS







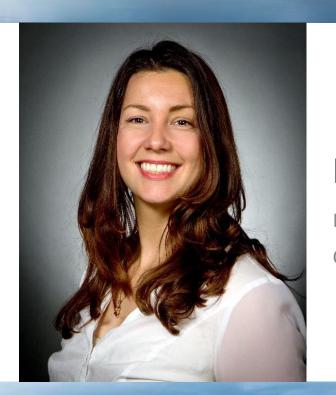






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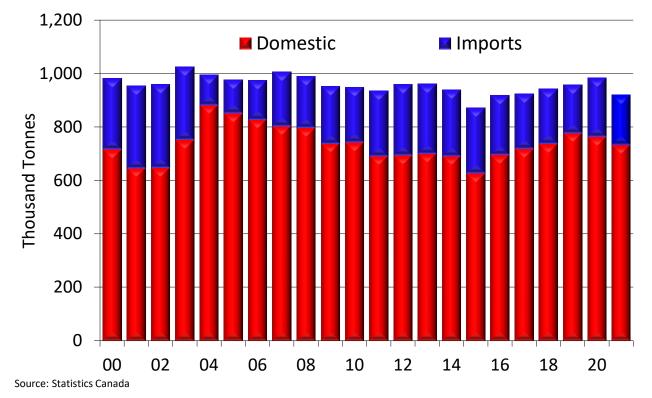




Total beef consumption -6.6% to 919,720 tonnes (carcass weight) in 2021, lowest since 2015

- 2021 Domestic Production up 4.2%, exports up 16.5% and imports down 16%
- The Domestic market is the single largest market for Canadian beef taking 54% of domestic production, dn from 68% in 2013
 - first time being < 60% since the data series started in 1986
- 80% of disappearance was sourced from Canadian beef in 2021, up from 77.5% in 2020 & 5 yr avg of 75.5%

Canadian Beef Consumption





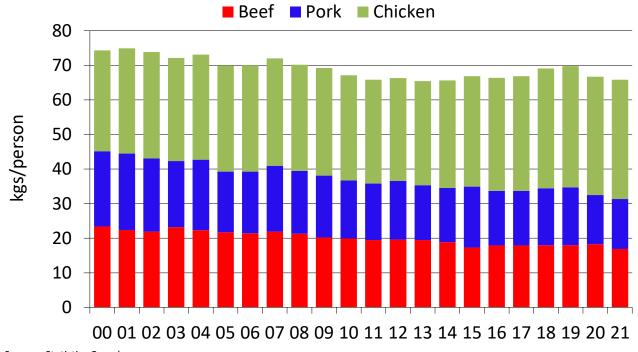


Per Capita Protein Consumption in 2021:

BF -7.2% 16.9 kg, PK +1.1% 14.4 kg, PY -0.3% 40.6 kg

- Total per capita consumption at 77 kg is below the LT avg of 78 kg, down 4.8% from the 2018 high of 81 kg
- Beef consumption lowest on record with strong international demand
- Pork supply was -1.6%, exports -4.6% with ASF recovery reducing international demand
- Poultry consumption was driven by stew hen (-8%), turkey (-3%) while chicken was +0.6%

Canadian per Capita Meat Consumption



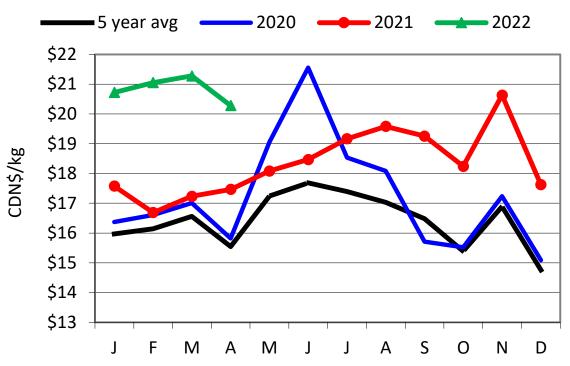
Source: Statistics Canada



Retail prices up 6.5% in 2021; April 2022 +16% from LY, +30.5% from 5 year avg

CDN retail beef demand -3%; US demand -1.8% in 2018 *Deflated retail beef price CDN -4%*

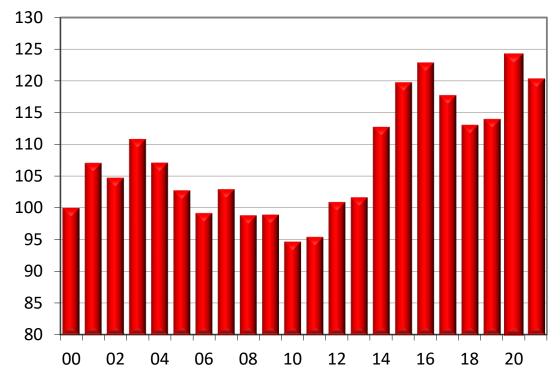
Retail Beef Prices (Not Deflated)



Source: Statistics Canada

Canadian Retail Beef Demand Index

(Index 2000=100)



Source: CanFax Research



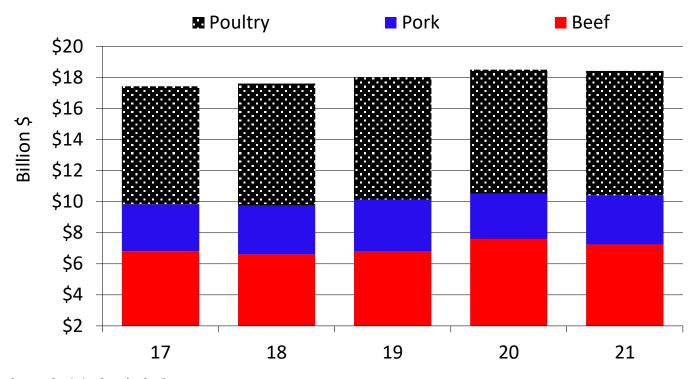


Total deflated meat expenditures down 0.4% in 2021

- Beef expenditures were down 4.6% in 2021 with 39% market share
- Poultry expenditures was up 0.3% at 43.5% market share
 - On a value basis, poultry accounts for the largest share of the Canadian's protein expenditures.
- Pork expenditures was up 8.3% at 17% market share

Canadian Real Meat Expenditures

Deflated Retail Price x Dom. Disappearance



Source: Statistics Canada, CanFax

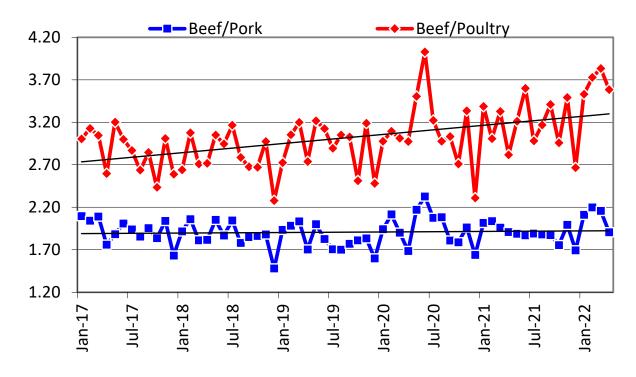




Price Spreads for Beef still high in April 2022

- Retail meat prices higher in April 2022
 - Beef up **16%** from LY
 - Chicken dn 9%
 - Pork up **16%**
- Price Spreads still high for Beef
 - The beef/chicken ratio at 3.58 was up from 2.82 last year,
 - The beef/pork ratio at 1.91 was steady with last year

Relative Price Ratios of Meat at Retail



Source: Statistics Canada

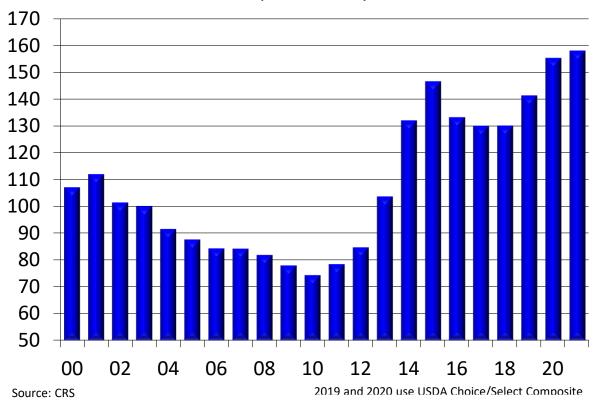




Wholesale & international demand record high in 2021

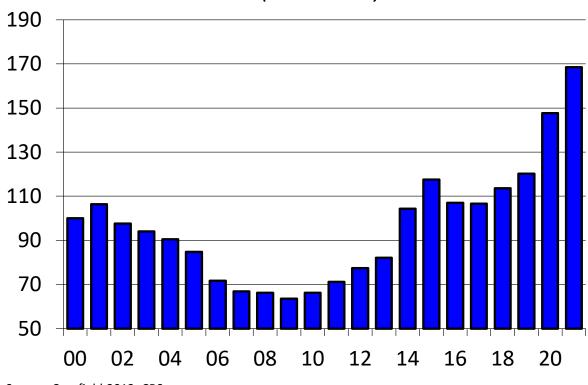
Canadian Wholesale Beef Demand Index

(2003=100)



International Beef Demand Index

(2000=100)





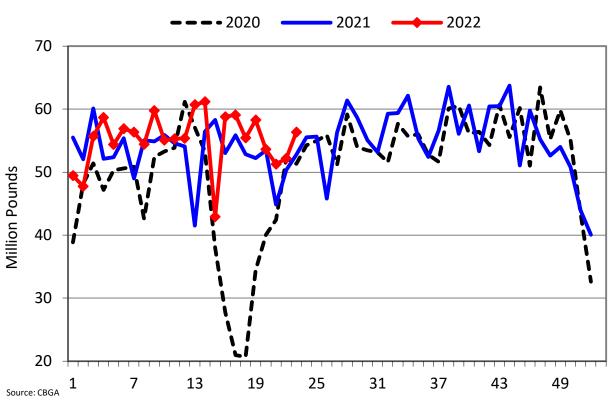






Domestic beef production +4% to be the largest since 2005 Fed +4% and non-fed +3%

Canadian Weekly Domestic Beef Production

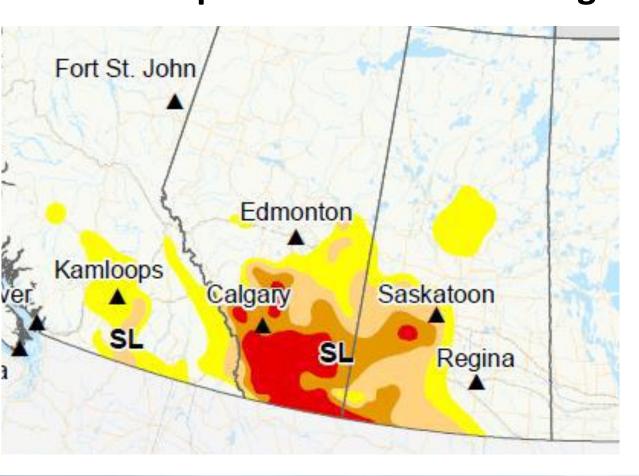


- Slaughter is up 4% and carcass weights are up 1 lb on average
- Larger domestic production is supporting packer utilization levels at 93.6% YTD just under the 2021 avg
- Larger domestic production is also supporting export volumes



Western Canada has received some much needed rain Grain prices remain record high

Cdn \$/tonne



Feed Grain Prices Ontario Corn Lethbridge Barley – – Omaha Corn \$525 \$475 \$425 \$375 \$325 \$275 \$225 \$175 \$125

Sep-19

Jan-20

Мау-20

Sep-20

May-18

Sep-18

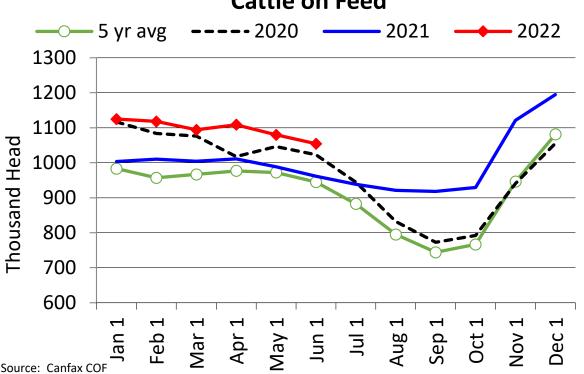
Jan-19





2H Supplies? June 1 COF up 10% or 93,000 head; the largest since 2001

Alberta and Saskatchewan Cattle on Feed

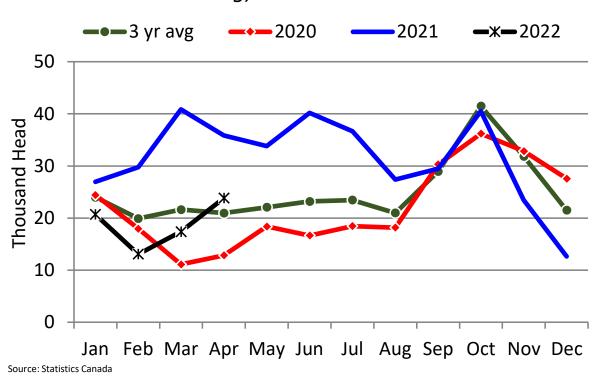


- Up 12% from the 5 yr avg
- Large numbers of cattle on-feed for more than 120 days (+54K from LY) will support production throughout Q3
- Placements in March-May were up with drought concerns. Potential for cattle to go to grass since rain

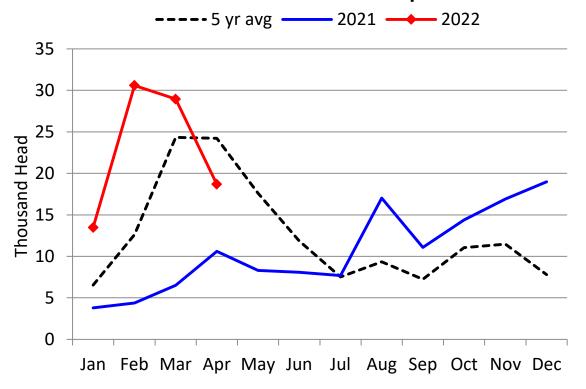


A Net Exports of Feeders again: Imports -44% (Jan-Apr 75K), Exports +262% (92K)

Live Beef Cattle Imports (excluding pure-bred breeding) from the United States



Canadian Feeder Cattle Exports

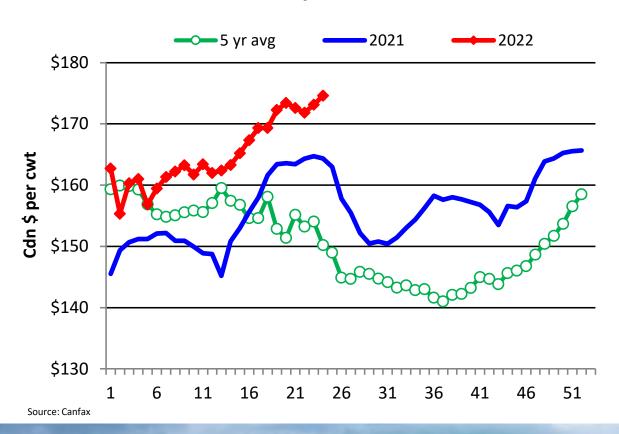


Source: Statistics Canada

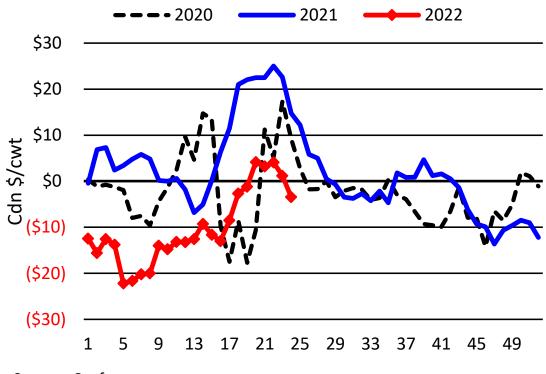


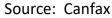


Alberta Weekly Fed Steer Price



Alberta Fed Steer Cash to Futures Basis



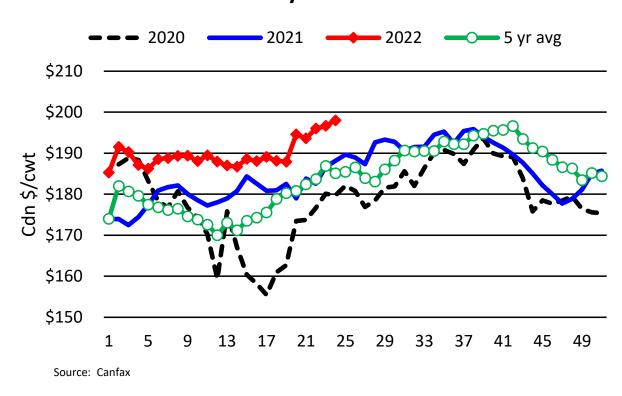




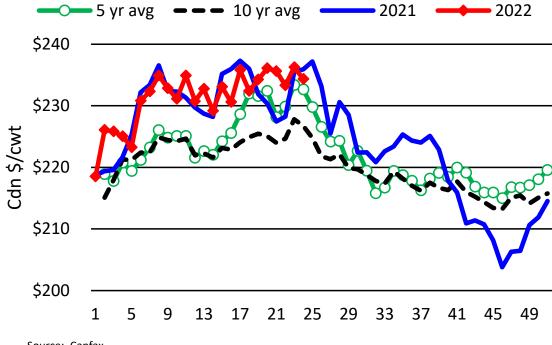


Feeder prices strong; supported by futures market

Alberta Weekly 8-900 lb Steer Price



Alberta Weekly 5-600 lb Steer Price

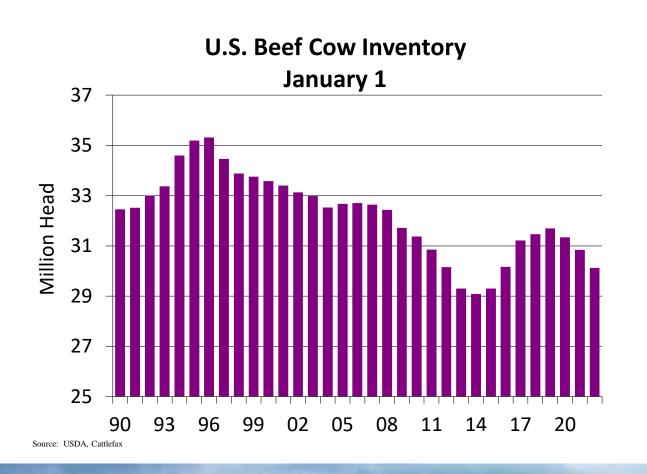


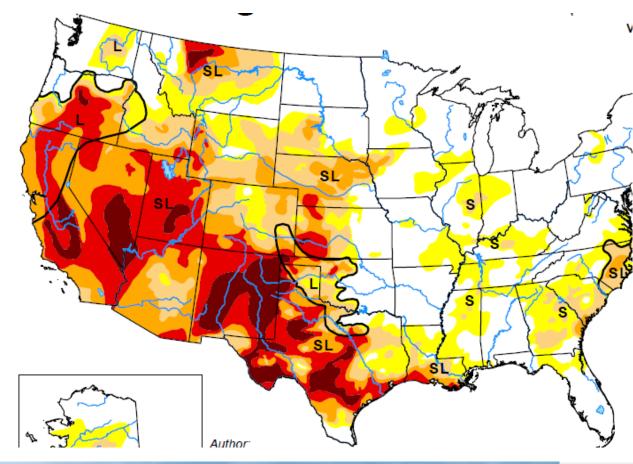
Source: Canfax





Drought liquidation of cow herd, corn belt mostly untouched Beef Cow slaughter up 15% YTD, 2023 production -4-7%





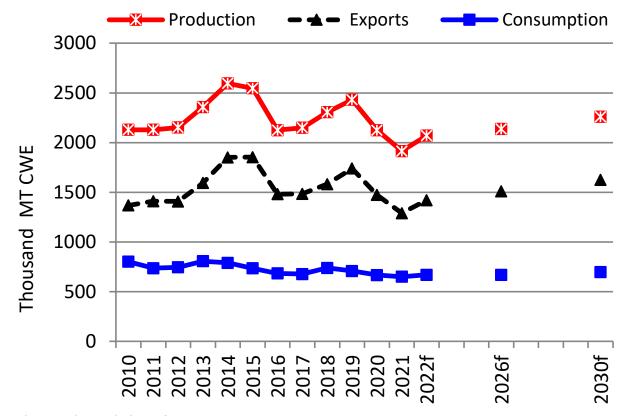


Australian restocking continues, production

+4.5% in 2022

- National herd on June 30th up 5.6% to 27.6m head in 2022
- Slaughter +2.7% in 2022p, driven by processor capacity and supply chain issues
 - Record carcass weights are forecast to offset lower slaughter volumes
- **Production up 4.5%** to 1.97m tonnes in 2022p, still below 2016-20 levels
- **Beef exports +5.7%** 2022p

Australia Beef Disposition



Source: USDA, FAS PSD, FAO

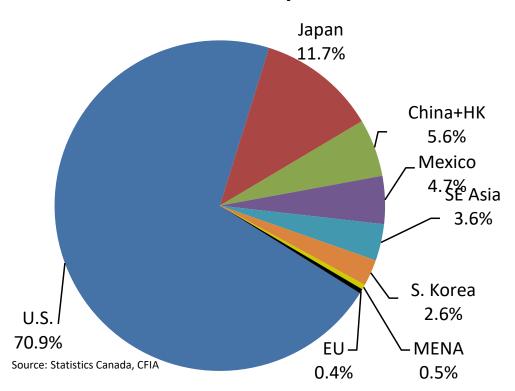




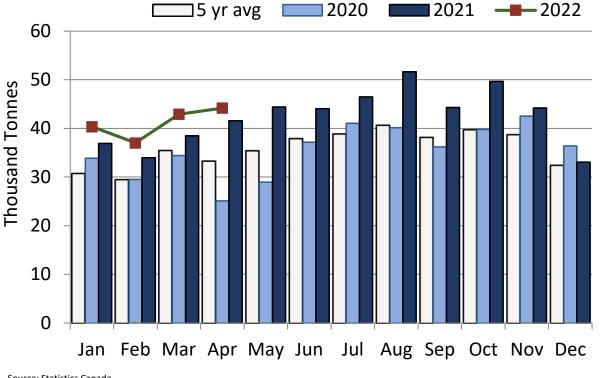
Canadian beef exports 506,578 tonnes at \$4.4 billion in 2021

Jan-Apr 2022 +9% in volume and +34% in value

Canadian Beef Exports, 2021



Canadian Monthly Beef and Veal Exports



Source: Statistics Canada

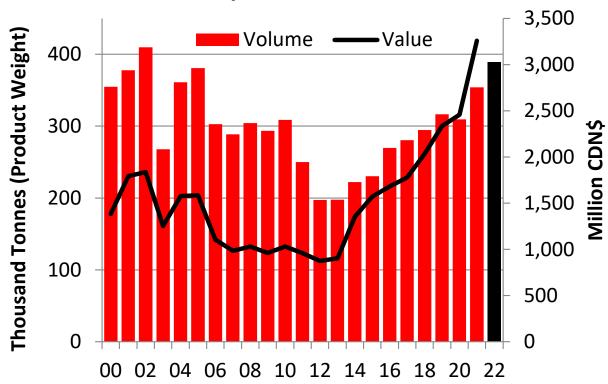




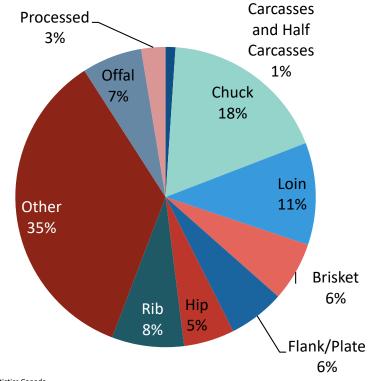
Exports to US +10% YTD, On track to be the largest since 2005 & '02

Main Primals: OTHER, Chuck, Loin, & Rib

Beef Exports to United States



Canadian Beef Export Volumes to the U.S. by Product Type, YTD 2022



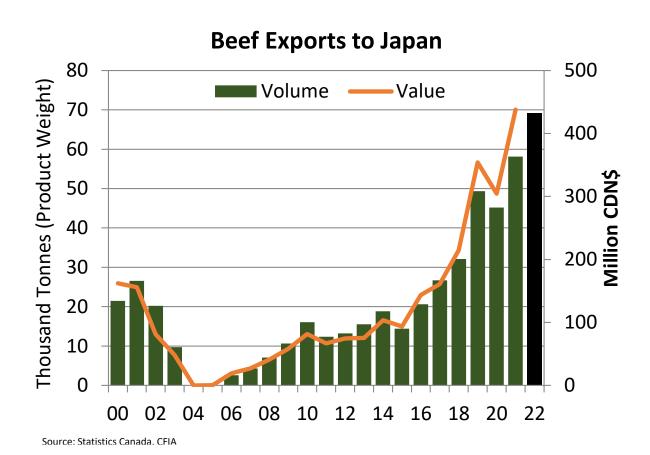
Source: Statistics Canada

Source: Statistics Canada, CFIA

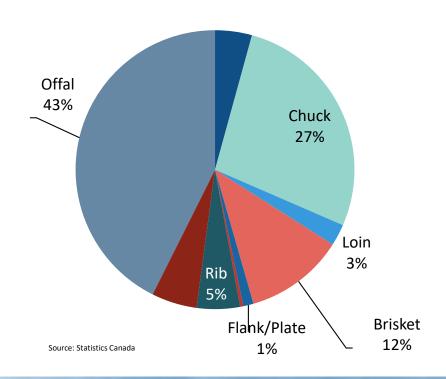


Japan continues to see growth +19% YTD

Main primals: Offal, Chuck and Brisket (shifted from Chuck, Offal and Flank/Plate in 2021)



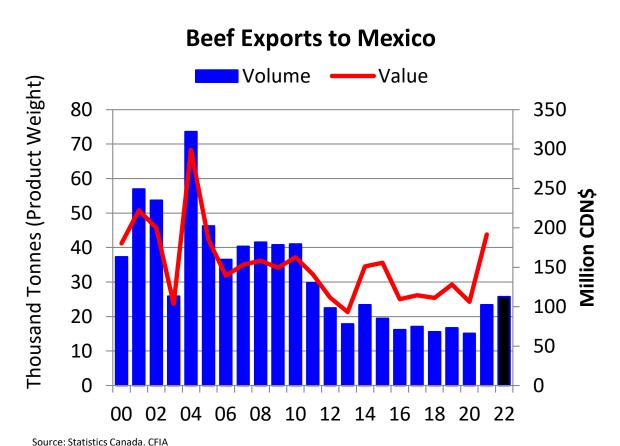
Canadian Beef Exports to Japan by Product Type, YTD 2022



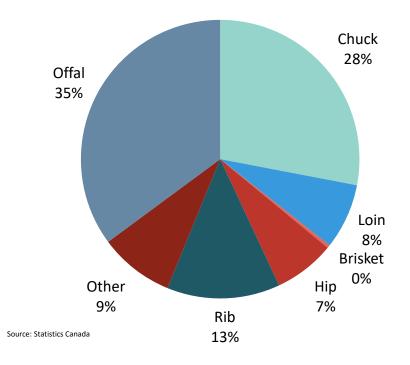


Mexico up 10% building on LY growth

Main primals: Offal & Chuck dominate, with rib gaining on the Other category



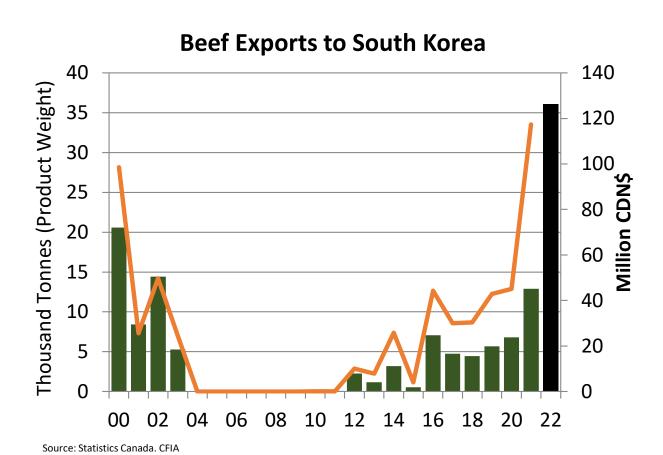
Canadian Beef Exports to Mexico by Product Type, YTD 2022



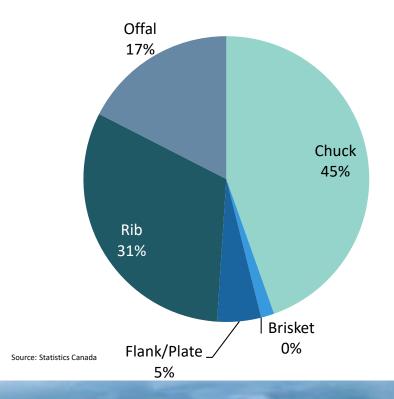


South Korea, big jump YTD almost triple LY

Main primals: Chuck, Rib and Offal; with offal gaining this year



Canadian Beef Exports to South Korea by Product Type, YTD 2022

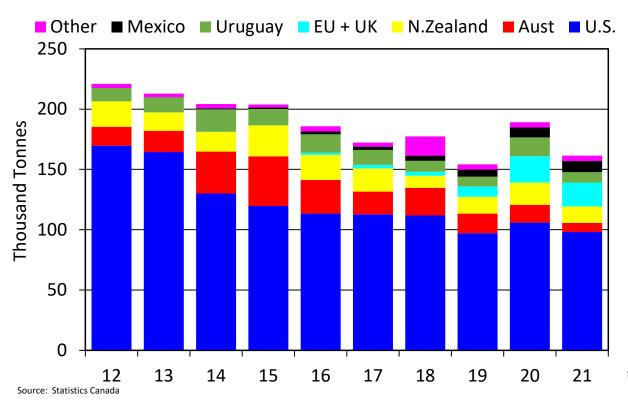




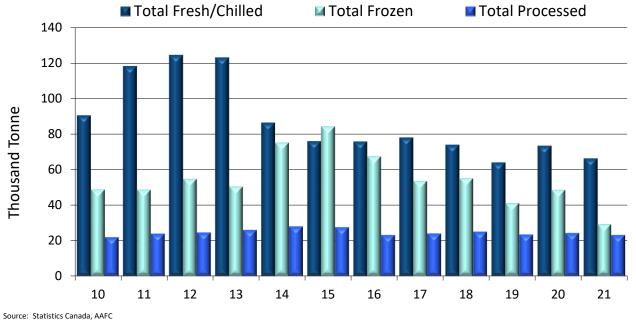


Jan-April 2022 Beef Imports -7% in volume and +17% in value US -4%, EU27 +31%, NZ -41%, Uruguay -38%, Aus +8%

Canadian Beef Imports



Total Beef and Veal Imports from Major Countries by Volume

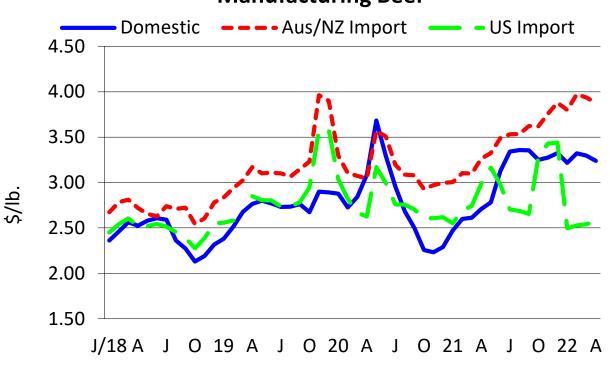


Fresh/Chilled 56%, Frozen 25%, Processed 19%

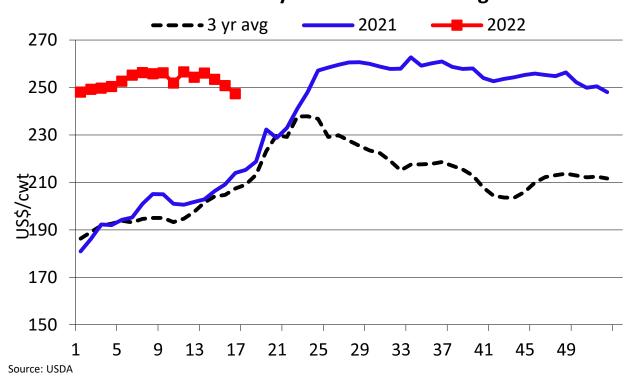


Lean trim prices stronger with strong demand, expansion in Aus & despite large US cow slaughter

85% LC Boneless Beef Prices Manufacturing Beef



US Weekly 85% Fresh Trimmings



Source: CanFax







CANADA BEEF INC.

Boxed Beef Prices

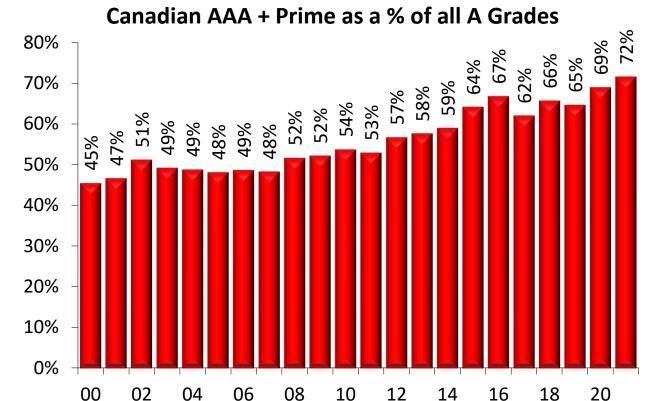


Source: CBGA

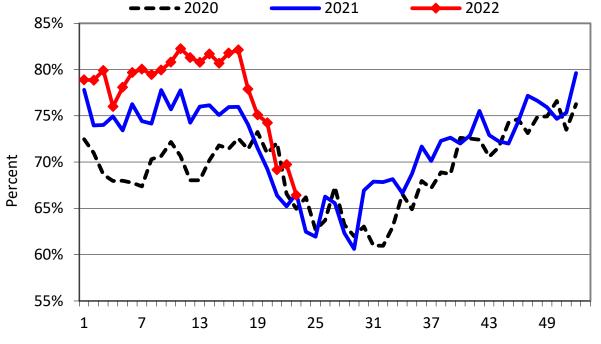


Prime+AAA beef up 2% per year since 2011, YTD 78%

Production up 10% or 77 million pounds YTD



Canadian AAA+Prime as % of all A Grades



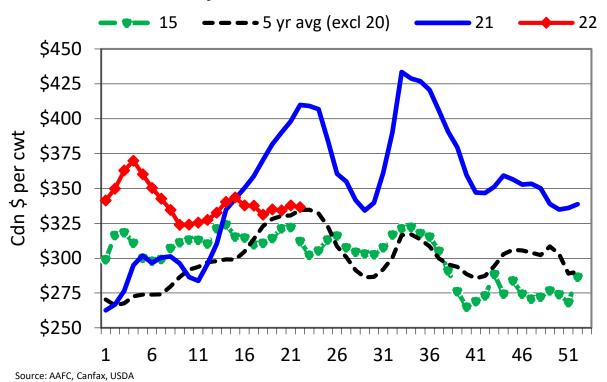




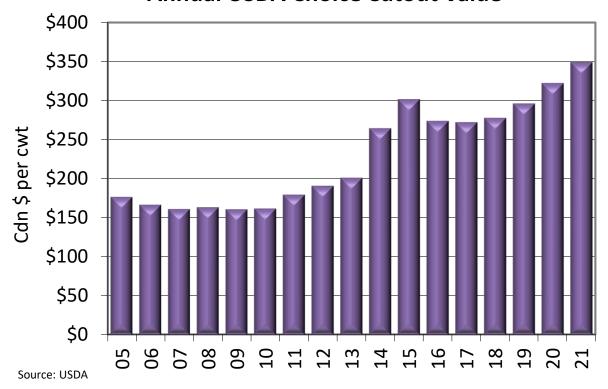


Cutouts flat Q2, but in-line with 5 yr avg (excl 2020)

US Weekly Choice Cutout Values in CDN\$



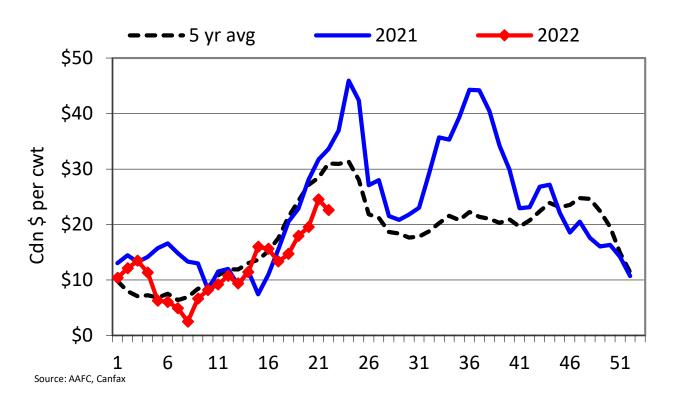
Annual USDA Choice Cutout Value





Choice/Select Spread rose seasonally; but under-performing with larger quality production, inflation and price pressures

US Weekly Choice/Select Spread













Crossroads

Spotlight on food service

Retail

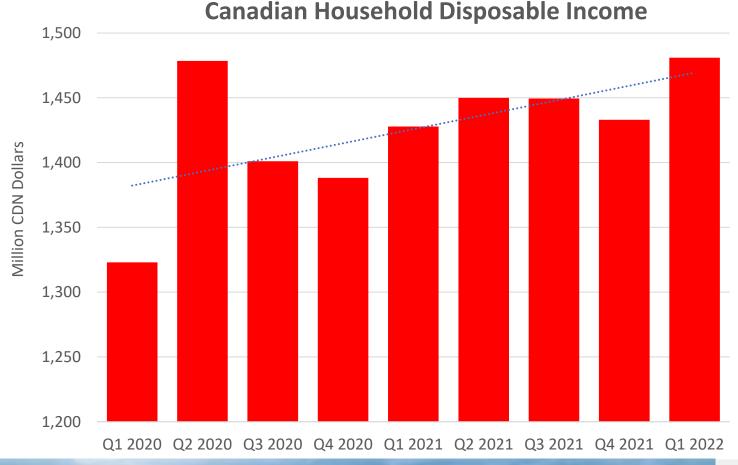
Wholesale





Quarterly Disposable Income +3.3% Q4 2021 to Q1 2022

- Households well positioned in Q1
 2022 with \$1.48 trillion in disposable income
 - ➤ Highest levels since Q2 2020
 - > Up 3.7% from Q1 2021
- Per capita disposable income up 14% (\$4,705) between Q1 2019 and Q1 2022
- Where's the money coming from?
 - Hiring bonuses
 - Higher wages for new hires
 - Government transfers
- Household spending up 0.8% YoY in Q1 2022









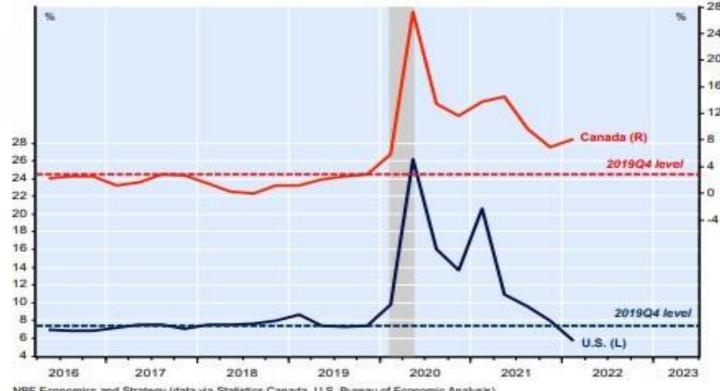
Strong 2022 Demand and Consumption

Unemployment at 5.1% in May 2022 – Source: Statistics Canada

- Consumption growth +3.4% in Q1 2022 Source: National Bank of Canada
- Household savings in Q1 2022 down 41% YoY, but up 17% from last quarter – Source: Statistics Canada
- Real disposable income
 forecast to be up 2.8% YoY Q4
 Source: National Bank of Canada

Canada: Households savings remain above pre-pandemic levels

Ratio of household savings to disposable income



NBF Economics and Strategy (data via Statistics Canada, U.S. Bureau of Economic Analysis)



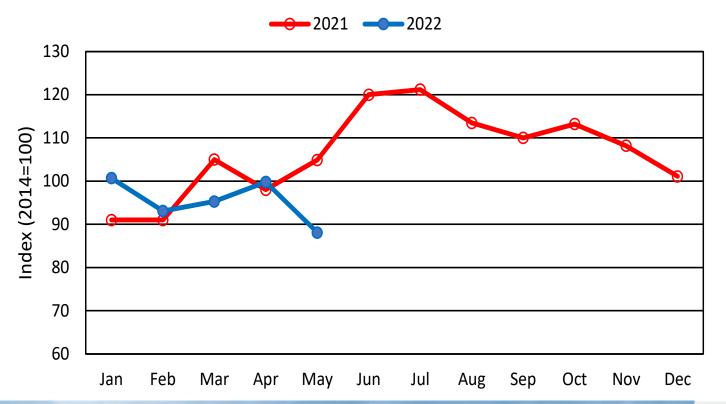


Consumer Confidence Waning

Down 11.7 points from April to 88.1 in May - Source: Conference Board of Canada

Canadian Consumer Confidence

- Financial concerns and pessimistic views grow.
- National Bank of Canada lowers growth forecast for 2022 from 4.0% to 3.5% in June.







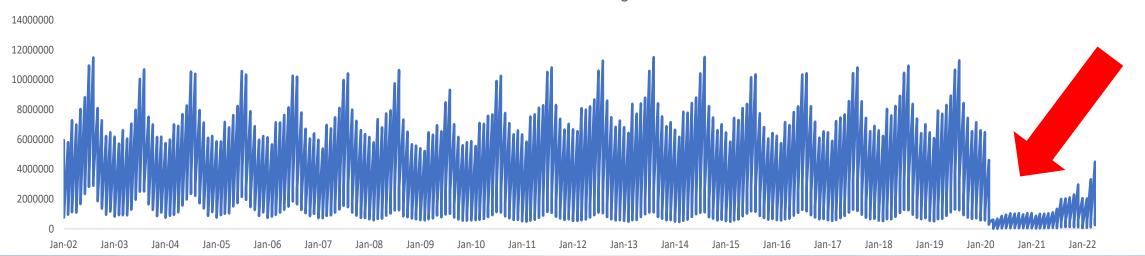


Trips to Canada from Abroad up 667% YoY in April 2022

Still roughly half the number of trips compared to April 2019

- Tourism spending in Canada up 8.7% to \$15.4 billion YoY in Q4 2021 (latest)
 - Tourism spending by non-residents up 125% to \$2.4 billion
 - Domestic tourism spending down 1% to \$12.9 billion

Non-resident Visitors Entering Canada



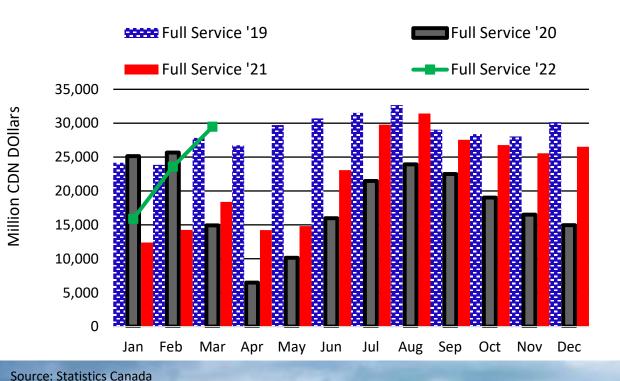




Food Service Sector GDP Growth +17.3% Jan to Feb 2022 and +8.5% Feb to Mar

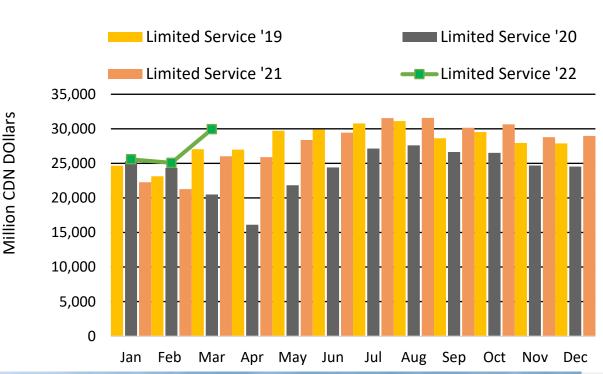
O1 2022 Full Service Sales +53% YoY

Canadian Full-service Sales



Q1 2022 Limited Service Sales +16% YoY

Canadian Limited-service Sales

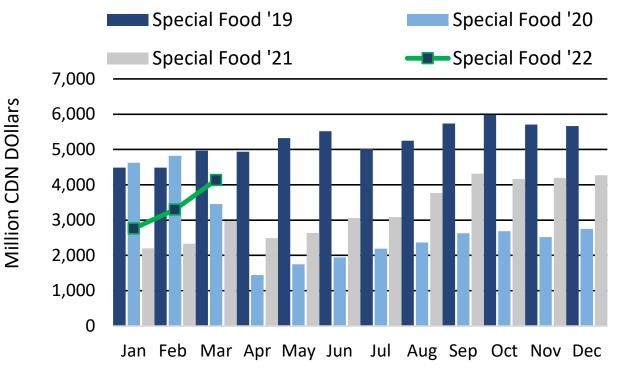




Milestone for Special Service Sales Recovery Q1 2022 Sales Surpass \$1 billion

- On location catering, food trucks
- Q1 2022 Special Service Sales +36% YoY

Canadian Special-service Sales



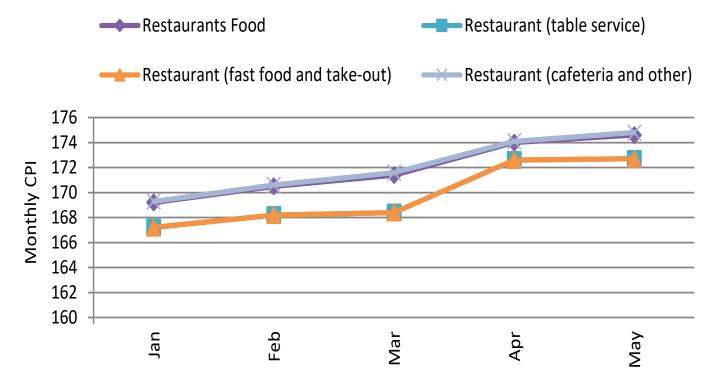




Restaurant Inflation +6.8% YoY in May 2022

- Compared to all-item inflation (+7.7% YoY in May 2022)
- Compared to retail food inflation (up 9.7% YoY in May 2022)
- Restaurant inflation up 0.3%April to May 2022

Consumer Price Index







Food Service Trends -NDP groups and Ipsos Vantage 2022

- > Traffic increases YoY Q1 2022
 - Full-service traffic up 47% Limited-service traffic up 14%
 - More people are sitting down when eating out compared to recent months

- But, when compared to prepandemic:
 - Takeout has increased
 - Delivery has increased
 - Drive-thru has increased
 - Dining-in is lower

Digital orders up 126% (delivery or pick-up) over 2 years (young and old)

Consumers more likely to return to the platforms that are personalized and tailored





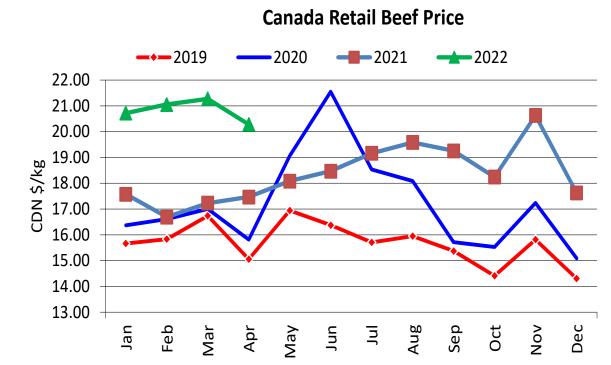
Food Service Trends Cont. - Ipsos Vantage 2022

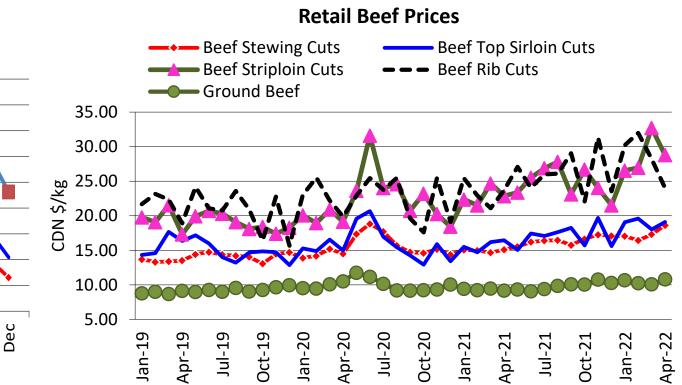
- Increasing numbers of diners indicating there are no barriers to eating out
- Increasing number of diners indicating a preference for 'to go' or delivery
- > Fewer diners concerned with crowds or infections
- Emotional needs treats/cravings, tasty
- Optimistic diners are spending more





2022 Retail beef price +16.1% YoY in April 2022 Down 4.7% from Mach to April



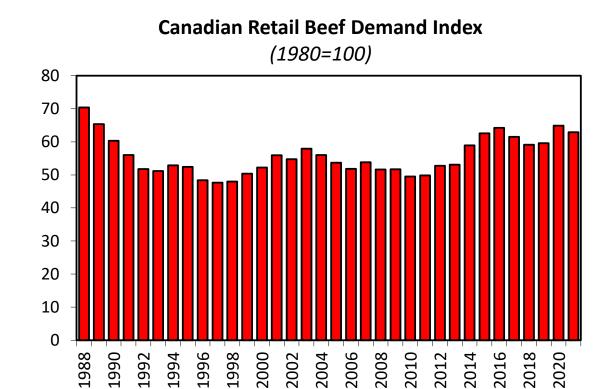


Source: Statistics Canada Source: Statistics Canada

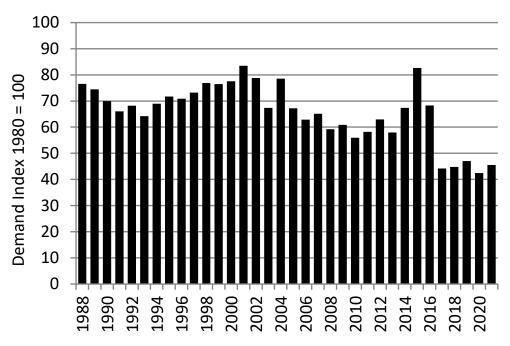


Source: CanFax Research

Retail beef demand -3% in 2021, still historically high Higher retail prices in 2022 (+5.6%) and lower consumption (-6.6%)







Source: Stats Can, Cranfield 2012



Source: Statistics Canada

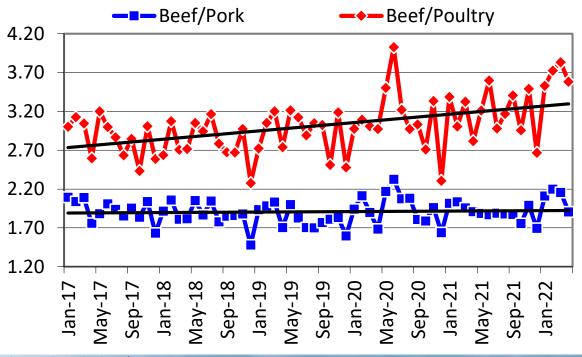


Retail Beef CPI +0.4% from April to May 2022

In April, retail price ratio of beef:pork = 1.90, beef:chicken = 3.58

Consumer Price Index Retail Beef ----Poultry Retail Pork → Meat (Retail) --- Dairy **—**Bakery Products (cereal exlcuded) Fresh Vegetables 230 210 Monthly CPI 150 130 110 Apr-21 Sep-21 Oct-21 Dec-21 Jan-22 Jul-21

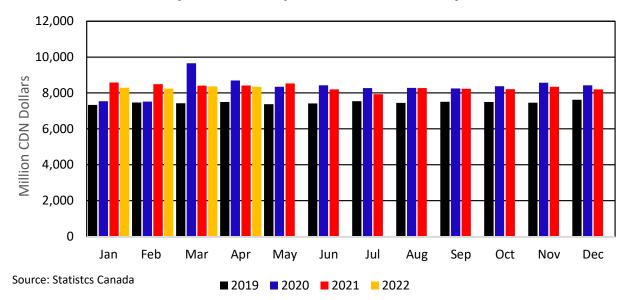
Relative Price Ratios of Meat at Retail



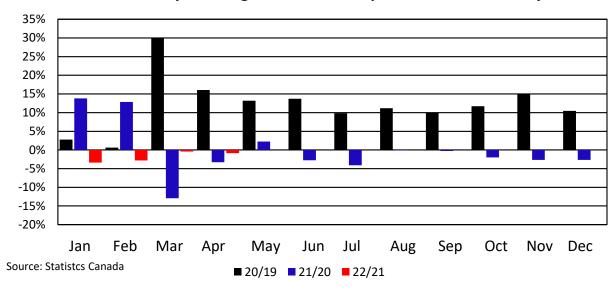


Supermarket and grocery sales softer in 2022Q1 2022 YoY sales dollars -2.2%

Monthly Canadian Supermarket and Grocery Sales



Monthly % Change in Canadian SuperMarket and Grocery Sales

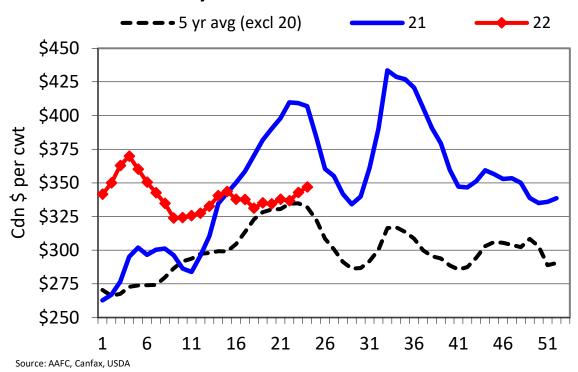




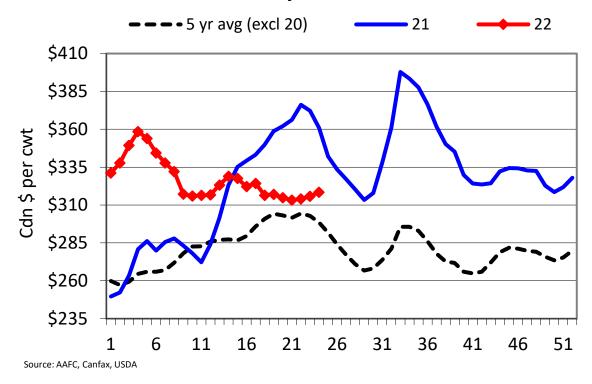


Wholesale cutout prices, below LY but above the 5-yr avg May 2022 YoY Choice -13% and Select -11%

US Weekly Choice Cutout Values in CDN\$



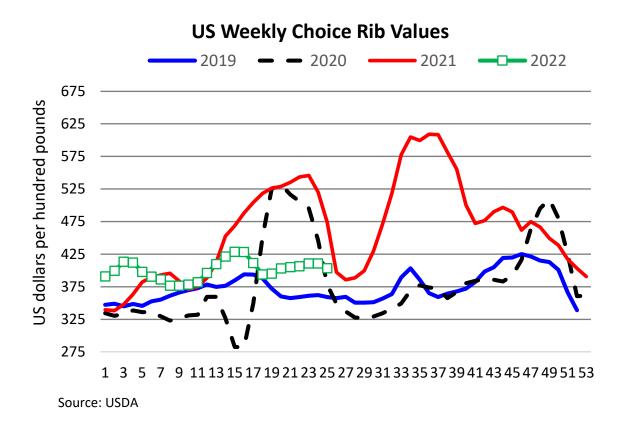
US Weekly Select Cutout Values





Choice rib prices soften

May 2022 YoY Choice -24% and Select -20%



US Weekly Choice Rib Values US dollars per hundred pounds 575 525 425 375 275 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53

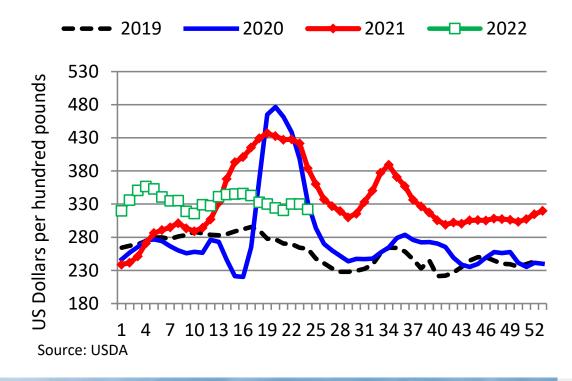


Loin prices soften compared to year ago rally

May 2022 YoY Choice -23% and Select -24%

US Weekly Choice Loin Values 600 550 **US Dollars per hundred pounds** 500 450 400 350 300 250 7 10 13 16 19 22 25 28 31 34 37 40 43 46 49 52 Source: USDA

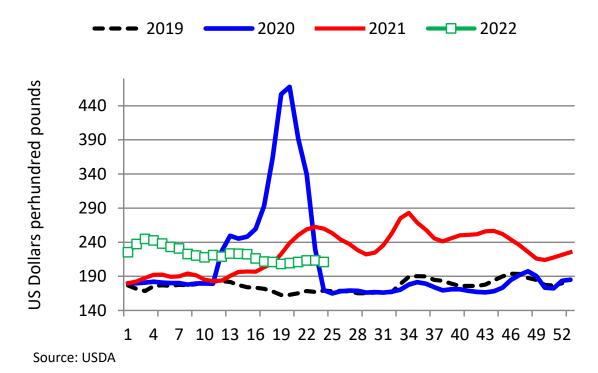
US Weekly Select Loin Values



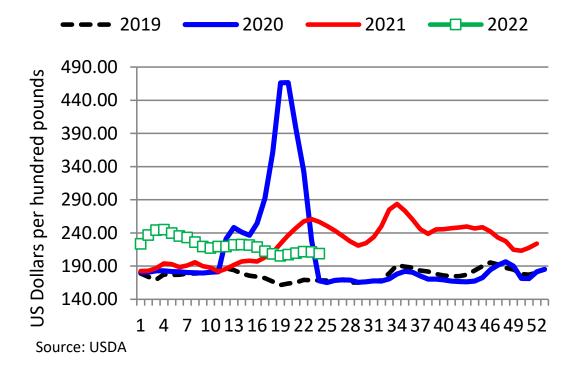


Round price steady but softer compared to year ago May 2022 YoY Choice -9% and Select -10%

US Weekly Choice Round Values



US Weekly Select Round Values

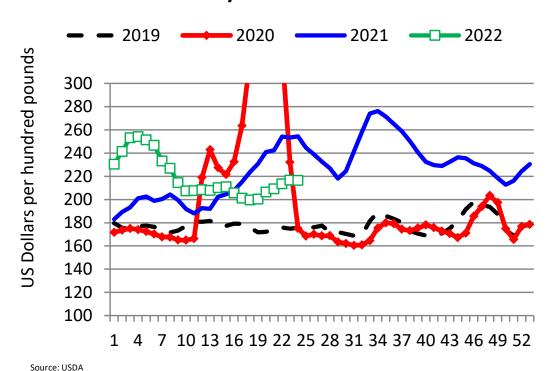




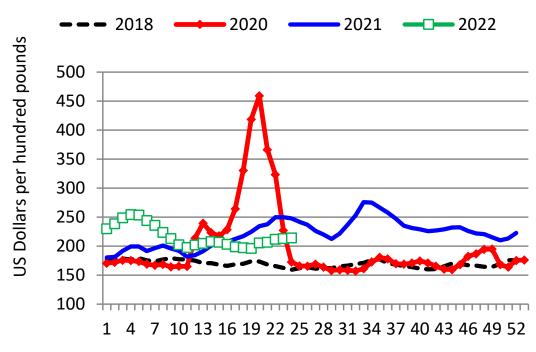
Chuck price strength

May 2022 YoY Choice -13% and Select -12%

US Weekly Choice Chuck Values



US Weekly Select Chuck Values

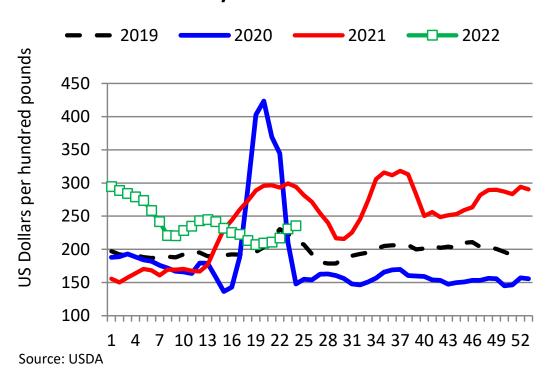




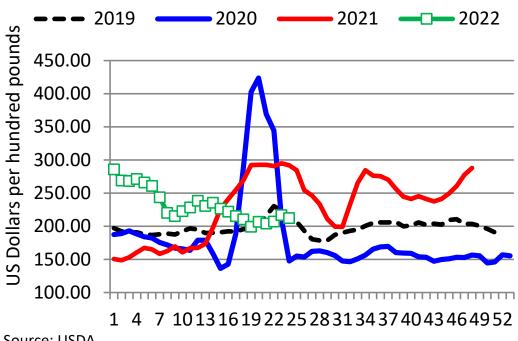
Brisket values find 2019 baseline

May 2022 YoY Choice -29% and Select -30%

US Weekly Choice Brisket Values



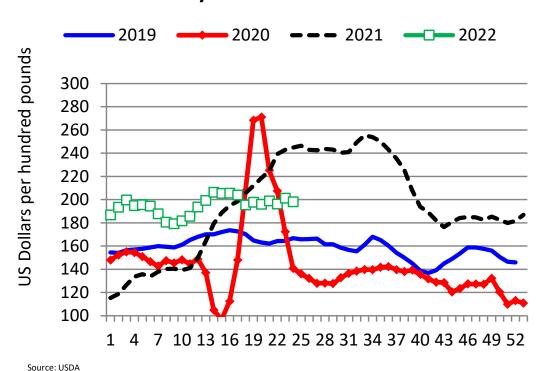
US Weekly Select Brisket Values



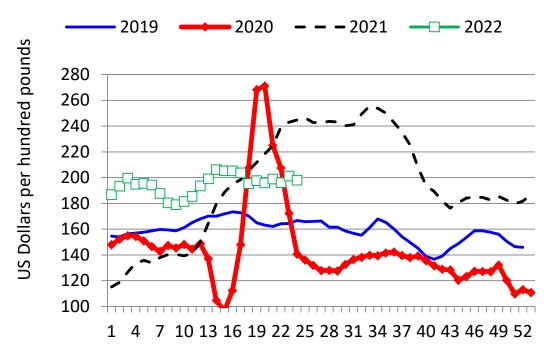


Short plate below 2021 but higher than previous years May 2022 YoY Choice and Select both -8.4%

US Weekly Choice Short Plate Values



US Weekly Select Short Plate Values

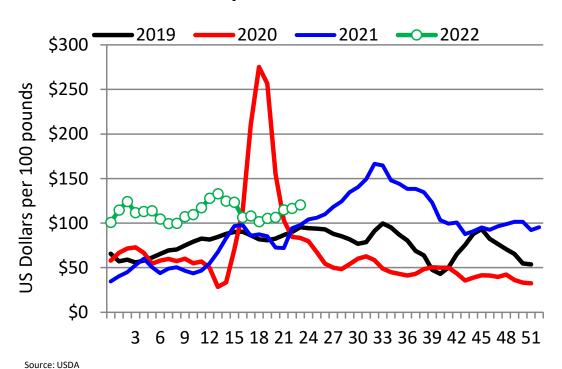




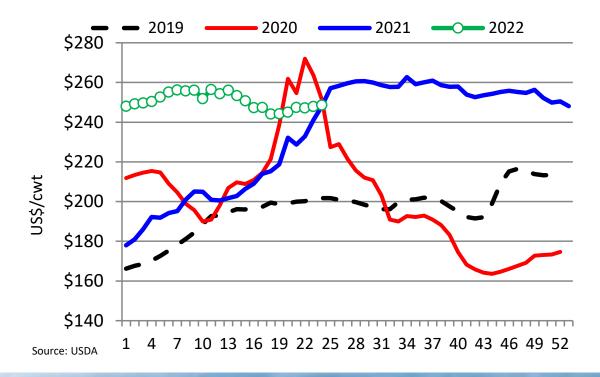
US trim prices strong

May 2022 YoY 50% trim +33% and 85% trim +7.5%

US Weekly 50% Trim Values



US Weekly 85% Trim Values







Outlook Q2 2022

Bearish

- Growing product inventory
- Tighter energy supply
- Tighter cattle supply around the corner
- Production capacity
- Higher interest rates
- U.S. and China staring down recession
- Lower domestic tourism spending
- Inflation and input costs

Bullish

- Increasing international travellers
- Higher food service sales
- Higher traffic at food service
- Full employment
- Positive savings
- Positive consumption
- Business investment







CANADA BEEF INC.

Thank-you

