



BISON MARKET AND SUPPLY UPDATE

Prepared by Red Meat Section/Agriculture and Agri-Food Canada - January 31, 2022.

Weekly Federally Inspected Slaughter

	04-Dec	11-Dec	18-Dec	25-Dec	01-Jan	December Total	January - December YTD		
							2021	2020	% Change
Total Canada	165	188	104	0	93	550	7,276	5,853	24.3%
previous year	101	189	3	64	2	359			

Provincially Inspected Slaughter

	July 2021	August 2021	September 2021	October 2021	November 2021	November 2020	January - November YTD		
							2021	2020	% Change
BC / Alberta	100	112	167	82	98	72	1,398	887	57.6%
Sask / Manitoba	47	63	43	25	23	33	421	446	-5.6%
Ontario / Quebec	47	53	48	32	36	81	541	537	0.7%
Canada Total	194	228	258	139	157	186	2,360	1,870	26.2%

						January - November YTD	2021	2020	% Change
Total Canadian Federal and Provincial Slaughter							9,086	7,364	23.4%

Canadian Production

	2015	2016	2017	2018	2019	2020	January - November YTD		
							2021	2020	% Change
Total Slaughter	14,186	11,568	10,886	10,041	9,585	7,860	9,086	7,364	23.4%
Total Live Exports	26,162	18,364	17,600	17,342	20,060	24,574	24,832	22,755	9.1%
Total Production	40,348	29,932	28,486	27,383	29,645	32,433	33,918	30,119	12.6%

*Source : Canadian Food Inspection Agency, Provincial Governments, and USDA APHIS

US Federal Slaughter*

	04-Dec	11-Dec	18-Dec	25-Dec	01-Jan	December Total	January - December YTD		
							2021	2020	% Change
for week ending:							66,093	63,056	4.8%
previous year	923	1,141	1,214	1,217	967	5,462			

*actual slaughter numbers in federally inspected plants, not necessarily inspected, source : USDA

Canada Live Bison Exports to US

	August 21	September 21	October 21	November 21	December 21	January - December YTD		
						2021	2020	% Change
Slaughter Male	935	1,054	1,031	763	1,011	11,727	11,643	0.7%
Slaughter Female	602	568	649	662	963	7,741	7,804	-0.8%
Feeder Male	300	65	246	614	781	5,598	2,837	97.3%
Feeder Female	0	75	84	23	399	2,920	2,290	27.5%
Total	1,837	1,762	2,010	2,062	3,154	27,986	24,574	13.9%

*source : USDA, APHIS

Canadian Fresh or Chilled Bison Meat Exports

								January - November YTD		
								2021	2020	% Change
Boneless										
United States	Kg	16,985	12,099	54,215	32,256	21,030	7,955	253,030	186,383	35.8%
	Value (\$Cdn)	207,102	186,781	817,880	571,250	326,113	135,255	3,573,787	2,514,032	42.2%
Netherlands	Kg	4,652	2,441	5,800	3,075	8,681	7,857	33,882	2,136	1486.2%
	Value (\$Cdn)	119,964	71,317	140,541	79,921	254,394	199,908	901,311	62,512	1341.8%
Switzerland	Kg	1,673	1,628	7,586	268	1,061	2,080	15,217	4,332	251.3%
	Value (\$Cdn)	63,875	67,889	137,083	12,208	49,877	85,041	451,149	197,732	128.2%
Italy	Kg	1,389	1,051	666	659	1,021	933	6,613	4,594	43.9%
	Value (\$Cdn)	62,295	50,253	30,608	28,491	40,558	24,484	272,208	167,662	62.4%
France	Kg	2,091	159	-	760	-	-	3,115	7,234	-56.9%
	Value (\$Cdn)	57,502	2,876	-	27,506	-	-	90,871	194,222	-53.2%
Germany	Kg	551	-	-	-	-	-	733	-	-
	Value (\$Cdn)	21,083	-	-	-	-	-	29,459	-	-
United Kingdom	Kg	210	-	-	422	-	-	632	-	-
	Value (\$Cdn)	10,900	-	-	18,429	-	-	29,329	-	-
Other Countries	Kg	-	-	-	-	-	-	-	795	-
	Value (\$Cdn)	-	-	-	-	-	-	-	28,705	-
Total	Kg	27,551	17,378	68,267	37,440	31,793	18,825	313,222	205,474	52.4%
	Value (\$Cdn)	542,721	379,116	1,126,112	737,805	670,942	444,688	5,348,114	3,164,865	69.0%

Bone-in

	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	January - November YTD		
							2021	2020	% Change
Total									
Kg	1,286	7,279	1,306	119	807	434	68,068	84,428	-19.4%
Value (\$Cdn)	13,504	109,707	15,175	1,250	8,560	6,438	751,689	890,000	-15.5%

Total Exports, Boneless and Bone-in

	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	January - November YTD		
							2021	2020	% Change
Kg	28,837	24,657	69,573	37,559	32,600	19,259	381,290	289,902	31.5%
Value (\$Cdn)	556,225	488,823	1,141,287	739,055	679,502	451,126	6,099,803	4,054,865	50.4%

*Source: Statistics Canada (HS Code 02013010 - Bison cuts boneless, fresh or chilled and HS Code 02012010 - Bison cuts bone in, fresh or chilled)

US Bison Carcasses - Grain Fed (Hot Carcass Wt \$US/cwt) FOB Plant Basis

wghtd avg

	Bulls (UTM)	Heifers (UTM)	Bulls (OTM)	Cows (OTM)
Dec 2020	388.99	369.16	325.83	329.09
Jan 2021	393.52	369.16	325.47	329.09
Feb 2021	391.13	363.69	338.64	310.79
Mar 2021	376.12	376.24	327.10	316.12
Apr 2021	384.92	363.57	318.07	311.21
May 2021	379.46	359.55	304.26	318.32
Jun 2021	389.34	358.62	321.45	314.57
Jul 2021	381.61	358.35	304.32	320.46
Aug 2021	390.52	358.82	307.73	309.14
Sep 2021	387.56	359.20	330.00	317.68
Oct 2021	384.82	369.87	325.85	
Nov 2021	384.61	362.80		297.87
Dec 2021	395.25	375.99	310.91	304.75

*source USDA

Canadian Bison Carcasses - Grain Fed (Hot Carcass Wt Cdn\$/cwt) FOB Plant Basis

wghtd avg

	Bulls	Heifers	Mature Bulls	Mature Cows	For the U.S. Market	Bulls	Heifers
Jan 2021	350-380	350-380	180-195	180-195	Jan 2021	500-525	480-500
Feb 2021	350-380	350-380	180-195	180-195	Feb 2021	480-500	460-480
Mar 2021	370-410	350-380	190-220	190-220	Mar 2021	470-500	440-470
Apr 2021	390-410	390-410	220-230	220-230	Apr 2021	480-500	460-480
May 2021	400-415	390-415	220-230	220-230	May 2021	460-490	430-480
Jun 2021	400-415	390-415	225-230	230-250	Jun 2021	460-490	430-480
Jul 2021	400-415	390-415	225-230	230-250	Jul 2021	460-490	430-480
Aug 2021	400-415	390-415	225-230	220-230	Aug 2021	460-480	430-480
Sept 2021	410-415	385-415	225-230	220-230	Sept 2021	460-480	430-480
Oct 2021	410-415	390-415	225-230	220-230	Oct 2021	460-480	430-480
Nov 2021	375-415	375-415	200-230	200-230	Nov 2021	460-480	430-480
Dec 2021	375-415	375-415	200-230	200-230	Dec 2021	460-480	430-480
Jan 2022	375-415	375-415	210-230	210-230	Jan 2022	460-480	430-470

*source CBA survey of marketers

USDA Key Cuts - Grain Fed Wholesale (\$US/cwt)

	October 2021		November 2021		December 2021		% Change Current Month vs.	
	Range	Wt. Avg	Range	Wt. Avg	Range	Wt. Avg	2 mths prior	1 month prior
Ribeye Lip-On Fresh	1,122 - 1,478	1,409.43	1,235 - 1,481	1,372.82	1,265 - 1,500	1,405.54	-0.3%	2.4%
Chuckroll/Clod Fresh	N/A	N/A	623-657	641.07	614 - 830	641.28	N/A	0.0%
Striploin Fresh	1,026 - 1,171	1,117.40	969 - 1,089	1,036.19	981 - 1,089	1,049.14	-6.1%	1.2%
Tenderloin Fresh	1,602 - 2,115	1,788.73	1,617 - 2,336	1,897.81	1,680 - 2,404	1,928.37	7.8%	1.6%
Grnd 85% Bulk, Frozen	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grnd 85% Patties, Fresh	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grnd 85% Patties, Frozen	717 - 742	736.95	695-727	709.05	710 - 724	714.94	-3.0%	0.8%

*source USDA

Canadian Bison Cuts - Grain Fed Wholesale (\$Cdn/kilogram)

	Mid-October 2021 Pricing	Mid-November 2021 Pricing	Mid-December 2021 Pricing	Mid-January 2022 Pricing
Tenderloin - Fresh	\$35.00 - \$60.00	\$35.00 - \$50.00	\$35.00 - \$50.00	\$35.00 - \$52.00
Strip Loin Boneless - Fresh	\$25.00 - \$35.00	\$25.00 - \$35.50	\$25.00 - \$30.50	\$25.00 - \$32.00
Inside Round - Fresh	\$17.95 - \$21.90	\$17.95 - \$21.90	\$17.95 - \$21.90	\$17.95 - \$21.90
Ground 90% Bulk Fresh	\$15.95 - \$17.75	\$15.95 - \$17.75	\$15.95 - \$17.75	\$15.95 - \$17.75
Fresh Bison Trim	\$11.95 - \$14.00	\$11.95 - \$14.00	\$11.95 - \$14.00	\$11.95 - \$14.00

*source CBA survey of marketers

Live Auction Reports *most recently reported; may not reflect current market

Jack Auction Group (SK) – Video Bison Sale (February 3, 2022)				Ritchie Bros. Auctioneers (SK) (Jan 26, 2022)		
				Head Sold: 225	New Year's Auction	
Age / Sex	Base	Price/Lb	Av/head	Class	# of head	Average/lb
2020 Bulls	875	\$1.91	\$1,671.25	2019 Bred Hfrs		
2020 Hfrs	765	\$1.65	\$1,262.25	2019 Bred Hfrs		
2020 Hfrs	875	\$1.55	\$1,356.25	2019 Bred Hfrs		
2019 Hfrs	935	\$1.49	\$1,393.15	5-12 Bred Cows		
2019 Bulls	1190	\$1.78	\$2,118.20	5-12 Bred Cows		
2020 Hfrs	700	\$1.39	\$973.00	5-12 Bred Cows		
2021 Bulls	540	\$2.21	\$1,193.40	5-12 Bred Cows		
2021 Hfrs	490	\$2.01	\$984.90	5-12 Bred Cows		
2021 Bulls	535	\$2.10	\$1,123.50	5-12 Bred Cows		
2021 Mixed	460	\$1.75	\$805.00	5-12 Bred Cows		
2021 Bulls	515	\$2.11	\$1,086.65	5-12 Bred Cows		
2021 Hfrs	475	\$1.62	\$769.50	4-7 Bred Cows		
2021 Mixed	465	\$1.76	\$818.40	4-7 Bred Cows		
2021 Mixed	440	\$1.30	\$527.00	Exposed Cows		
2021 Mixed	425	\$1.30	\$565.50	Exposed Cows		
2021 Mixed	435	\$1.38	\$600.30	13-15 Exposed Cow		
2021 Mixed	410	\$1.21	\$496.10	Exposed Cows		
2021 Mixed	385	\$1.35	\$519.75	Herd Bulls		
2021 Mixed	385	\$1.21	\$465.85	Mature Bulls		
2021 Mixed	350	\$1.18	\$413.00	Cull Cows		
2021 Mixed	350	\$1.00	\$350.00	Exposed Cows		
2021 Mixed	325	\$1.01	\$328.25	Cull Cows		
2020 Bulls	750	\$1.62	\$1,215.00	Bulls		
2019 Bulls	1425	\$1.25	\$1,781.25	Cull Cow		
2020 Mixed	675	\$1.31	\$884.25	Cull Cows 1 Bull		
20-21 Bulls	600	\$1.26	\$756.00			
19-20 Bulls	825	\$1.40	\$1,155.00			
19-20 Mixed	625	\$0.85	\$531.25			
19-20 Mixed	700	\$0.75	\$525.00			
2019 Bred	1150		\$2,700.00			
2019 Bred	1150		\$2,700.00			
2019 Bred Hfrs	1100		\$2,200.00			
2019 Bred Hfrs	1100		\$2,200.00			
				2021 BULLS		
				500 - 550 lbs.	5	\$1.60
				400 - 499 lbs.	40	\$1.26
				300 - 399 lbs.	19	\$1.20
				250 - 300 lbs.	8	\$1.32
				2020 BULLS		
				700 - 750 lbs.	8	\$0.87
				600 - 699 lbs.	3	\$0.78
				550 - 599 lbs.	5	\$0.87
				400 - 450 lbs.	3	\$0.75
				2019 BULLS		
				700+ lbs.	3	\$0.95
				600 - 699 lbs.	5	\$0.50
				500 - 599 lbs.	3	\$0.80
				2021 HEIFERS		
				400 - 499 lbs.	36	\$1.27
				300 - 399 lbs.	27	\$1.14
				200 - 299 lbs.	12	\$1.02
				195+ lbs.	1	\$0.60
				2020 HEIFERS		
				600 - 699 lbs.	7	\$0.62
				500 - 599 lbs.	6	\$0.47
				400 - 499 lbs.	4	\$0.55
				2019 HEIFERS		
				700+ lbs.	1	\$0.70
				600 - 699 lbs.	1	\$0.55
				500 - 599 lbs.	8	\$0.51
				BRED FEMALES - PREG TESTED		
				950 - 1099 lbs.	10	\$0.72
				MATURE FEMALE		
					10	\$0.74

Commentary

By Terry Kremeniuk, Executive Director, CBA

This report can only be improved with your feedback. Please send any comments that you have to either canadianbison@sasktel.net or carmine.bianco@agr.gc.ca

Finished bison prices for slaughter in Canada continue to be stable with Canadian buyers paying \$3.75 - \$4.15/lb HHW for finished prime bulls and \$3.65 - \$4.15/lb HHW for heifers on light trading. Buyers are paying \$2.10 - \$2.30/lb HHW for mature cows and bulls.

Canadian buyers purchasing bulls for slaughter in the U.S. are paying up to CAD \$4.80/lb HHW when slaughter dates are available. Heifers are priced up to 40 cents lower. Carcasses that do not fall within buyers' specifications may be discounted. Final returns must be adjusted for quality, transportation, exchange rates, and export costs.

To December 31, 2021, there were 7,276 bison slaughtered in federally inspected plants in Canada – up 24.3% over the 5,853 slaughtered during the same period in 2020, but 10.0% below the 8,088 slaughtered in 2019. There continues to be a surplus of finished animals based on current consumer demand.

U.S. buyers are offering up to USD \$4.00/lb HHW for prime bulls and up to USD \$3.80/lb U.S. HHW for heifers from Canada for slaughter in the U.S. where slaughter times have been booked. Returns to the producers are dependent on exchange rates, quality, transportation, and export costs.

Total live bison exports to the US during 2021 totalled 27,986 head; 13.9% above the 24,574 exported in 2020.

Marketers have reported that demand for many cuts has softened after the Christmas season, with some of the softer demand attributed to consequences of COVID-19. Demand from Europe is expected to strengthen as we move into the spring season. Although Canadian bison meat exports to the U.S. have declined substantially over the past two years, meat exports during the first eleven months of 2021 are 35.8% higher than the 2020 exports for the same time period. The European marketplace has shown strength in 2021 after a very difficult market in 2020. The European market improvement is expected to continue.

In the Canadian marketplace, consumers continue to have access to fresh and frozen bison products in many of the major food chains from coast to coast. Canadian marketers indicate that the demand is stronger in select markets with wholesale prices showing quite wide price ranges. Farm direct producers and several local online platforms continue to serve those consumers who focus on regional products.

Chart 1

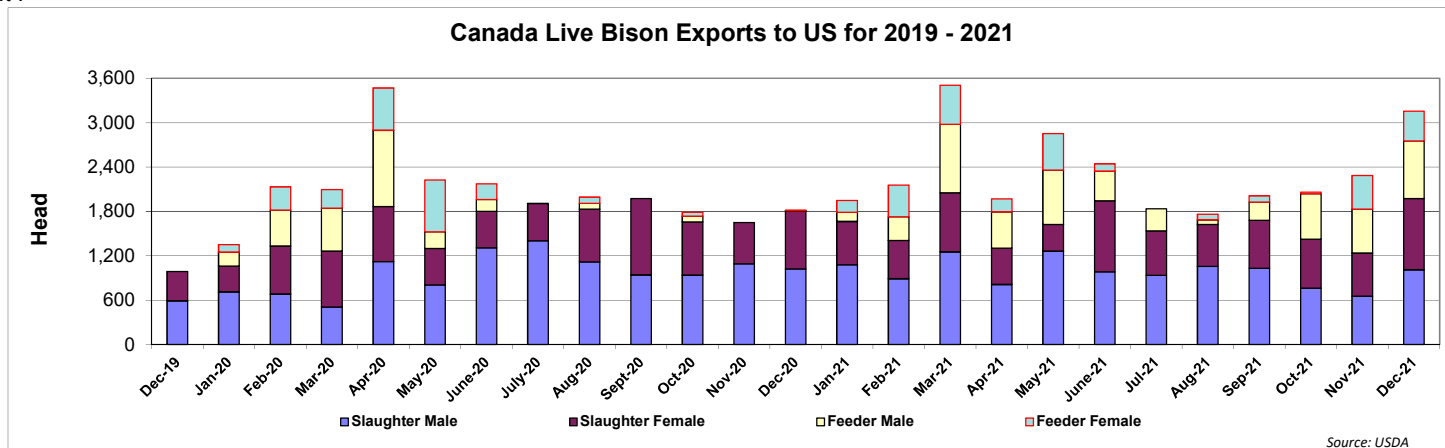
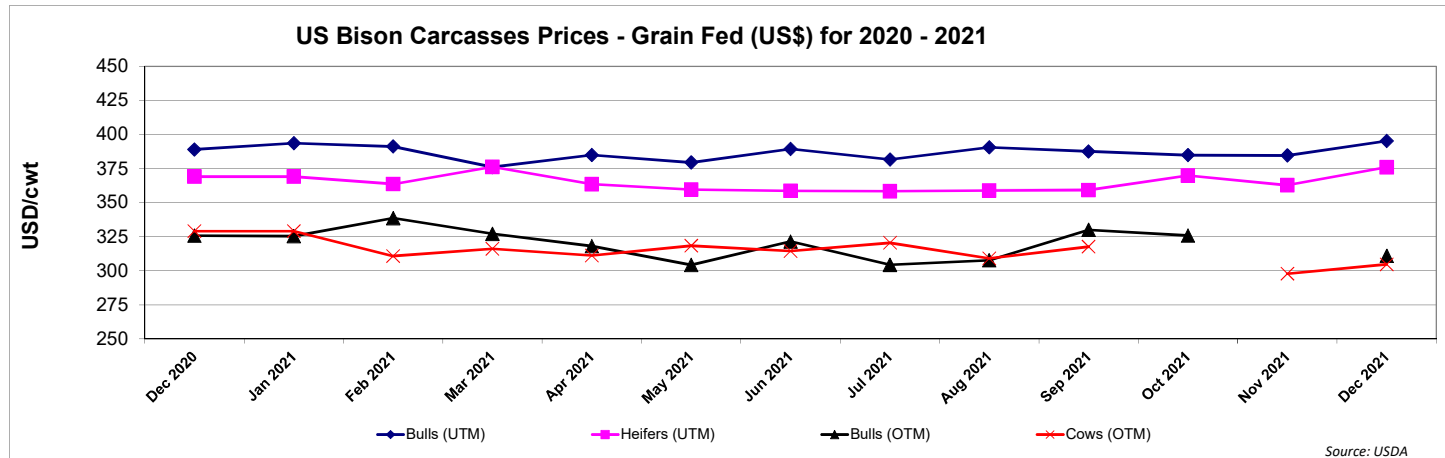


Chart 2



The Canadian Bison Industry by the Numbers.....

On another note, the 2016 Canadian Census of Agriculture data was released on May 10, 2017. Nationally, the number of bison farms and ranches reporting bison was at 81% of the 2011 levels. The number of bison reported on farms and ranches in 2016 was reported to be at about 95% of 2011 levels. According to the data, the average bison herd increased to 122 head.

Excluding the Atlantic region, there were declines in the number of farms and ranches ranging from 13.9% to 24.4% with the smallest decline in Saskatchewan and the greatest decline in Quebec.

Again excluding the Atlantic Region, the only province to report an increase in the number of bison was Saskatchewan (+2.7%), while Quebec reported the largest decrease (-35.4%).

	FARMS REPORTING BISON				NUMBER OF BISON REPORTED			
	2016	2011	2006	% Chg '16 vs '11	2016	2011	2006	% Chg '16 vs '11
Nfld and Labrador	0	0	0	-	0	0	0	-
Prince Edward Island	0	0	1	-	0	0	*	-
Nova Scotia	2	2	1	0.0%	*	*	*	-
New Brunswick	1	2	3	-50.0%	*	*	*	-
Quebec	34	45	69	-24.4%	1,538	2,380	4,322	-35.4%
Ontario	49	60	71	-18.3%	1,843	2,320	4,106	-20.6%
Manitoba	86	108	166	-20.4%	14,025	14,116	19,609	-0.6%
Saskatchewan	303	352	597	-13.9%	40,418	39,343	57,395	2.7%
Alberta	445	571	869	-22.1%	54,907	57,483	97,366	-4.5%
British Columbia	55	71	121	-22.5%	6,504	9,206	12,656	-29.4%
Canada Total	975	1,211	1,898	-19.5%	119,314	125,142	195,728	-4.7%

* Note: In Atlantic Provinces, the number of farms reporting is too small to publically disclosure the number of bison