



BISON MARKET AND SUPPLY UPDATE

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

Weekly Federally Inspected Slaughter

for week ending:	05-Feb	12-Feb	19-Feb	26-Feb	February Total	2022	2021	% Change
Total Canada	448	99	104	60	711	1,130	1,022	10.6%
previous year	230	57	137	146	570			

Provincially Inspected Slaughter

	September 2021	October 2021	November 2021	December 2021	January 2022	January 2021	2022	2021	% Change
BC / Alberta	167	82	98	83	189	179	189	179	5.6%
Sask / Manitoba	43	25	23	30	43	45	43	45	-4.4%
Ontario / Quebec	48	32	40	45	37	41	37	41	-9.8%
Canada Total	258	139	161	158	269	265	269	265	1.5%

	Month of January	2022	2021	% Change
Total Canadian Federal and Provincial Slaughter		688	717	-4.0%

Canadian Production

	2016	2017	2018	2019	2020	2021	2022	2021	% Change
Total Slaughter	11,568	10,886	10,041	9,585	7,860	9,798	688	717	-4.0%
Total Live Exports	18,364	17,600	17,342	20,060	24,574	27,986	3,334	1,947	71.2%
Total Production	29,932	28,486	27,383	29,645	32,434	37,784	4,022	2,664	51.0%

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

US Federal Slaughter*

for week ending:	05-Feb	12-Feb	19-Feb	26-Feb	February Total	2022	2021	% Change
	1,380	1,593	1,405	1,537	5,915	11,721	9,854	18.9%
previous year	1,140	1,249	1,130	1,285	4,804			

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

Canada Live Bison Exports to US

	October 21	November 21	December 21	January 22	February 22	2022	2021	% Change
Slaughter Male	935	1,054	1,011	698	1,056	1,754	1,966	-10.8%
Slaughter Female	602	568	963	1,011	692	1,703	1,103	54.4%
Feeder Male	300	65	781	636	156	792	448	76.8%
Feeder Female	0	75	399	989	558	1,547	586	164.0%
Total	1,837	1,762	3,154	3,334	2,462	5,796	4,103	41.3%

*source : USDA, APHIS

Canadian Fresh or Chilled Bison Meat Exports

		Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Jan 2022	2022	2021	% Change
Boneless										
United States	Kg	54,215	32,256	21,030	7,955	15,323	9,769	9,769	43,256	-77.4%
	Value (\$Cdn)	817,880	571,250	326,113	135,255	277,857	138,429	138,429	485,043	-71.5%
Netherlands	Kg	5,800	3,075	8,681	7,857	3,821	753	753	-	-
	Value (\$Cdn)	140,541	79,921	254,394	199,908	97,770	17,638	17,638	-	-
Switzerland	Kg	7,586	268	1,061	2,080	79	593	593	163	263.8%
	Value (\$Cdn)	137,083	12,208	49,877	85,041	2,472	18,837	18,837	7,558	149.2%
Italy	Kg	666	659	1,021	933	1,164	-	-	-	-
	Value (\$Cdn)	30,608	28,491	40,558	24,484	49,071	-	-	-	-
France	Kg	-	760	-	-	-	-	-	-	-
	Value (\$Cdn)	-	27,506	-	-	-	-	-	-	-
Germany	Kg	-	-	-	-	-	-	-	-	-
	Value (\$Cdn)	-	-	-	-	-	-	-	-	-
United Kingdom	Kg	-	422	-	-	-	-	-	-	-
	Value (\$Cdn)	-	18,429	-	-	-	-	-	-	-
Other Countries	Kg	-	-	-	-	709	-	-	-	-
	Value (\$Cdn)	-	-	-	-	27,075	-	-	-	-
Total	Kg	68,267	37,440	31,793	18,825	21,096	11,115	11,115	43,419	-74.4%
	Value (\$Cdn)	1,126,112	737,805	670,942	444,688	454,245	174,904	174,904	492,601	-64.5%

Bone-in

		Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Jan 2022	2022	2021	% Change
Total	Kg	1,306	119	807	434	1,267	-	-	10,540	-
	Value (\$Cdn)	15,175	1,250	8,560	6,438	22,899	-	-	109,096	-

Total Exports, Boneless and Bone-in

		Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Jan 2022	2022	2021	% Change
Total Exports	Kg	69,573	37,559	32,600	19,259	22,363	11,115	11,115	53,959	-79.4%
	Value (\$Cdn)	1,141,287	739,055	679,502	451,126	477,144	174,904	174,904	601,697	-70.9%

*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)
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
Jan 2022	390.99	367.98		285.82
Feb 2022	378.85	367.18	309.85	281.59

*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
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
Feb 2022	375-415	360-415	200-230	200-230	Feb 2022	460-480	440-470
Mar 2022	375-415	360-415	200-230	190-230	Mar 2022	460-480	440-470

*source CBA survey of marketers

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

	December 2021		January 2022		February 2022		% Change Current Month vs.	
	Range	Wt. Avg	Range	Wt. Avg	Range	Wt. Avg	2 mnths prior	1 month prior
Ribeye Lip-On Fresh	1,265 - 1,500	1,405.54	1,278 - 1,546	1,425.22	1,371 - 1,557	1,479.79	5.3%	3.8%
Chuckroll/Clod Fresh	614 - 830	641.28	661 - 687	674.26	662 - 830	664.05	3.6%	-1.5%
Striploin Fresh	981 - 1,089	1,049.14	1,091 - 1,227	1,126.60	1,082 - 1,195	1,111.74	6.0%	-1.3%
Tenderloin Fresh	1,680 - 2,404	1,928.37	1,709 - 2,399	1,925.13	1,759 - 2,408	1,950.23	1.1%	1.3%
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	710 - 724	714.94	711 - 749	723.67	715 - 740	721.51	0.9%	-0.3%

*source USDA

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

	Mid-December 2021 Pricing	Mid-January 2022 Pricing	Mid-February 2022 Pricing	Mid-March 2022 Pricing
Tenderloin - Fresh	\$35.00 - \$50.00	\$35.00 - \$52.00	\$42.95 - \$52.00	\$39.95 - \$52.00
Strip Loin Boneless - Fresh	\$25.00 - \$30.50	\$25.00 - \$32.00	\$25.00 - \$32.00	\$25.00 - \$32.00
Inside Round - Fresh	\$17.95 - \$21.90	\$17.95 - \$21.90	\$17.95 - \$19.00	\$17.95 - \$19.00
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 - \$12.00	\$11.95 - \$12.00

*source CBA survey of marketers

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

Jack Auction Group (SK) – Video Bison Sale (March 24, 2022)					Ritchie Bros. Auctioneers (SK) (March 16, 2022)			Jack Auction Group (SK) – Video Bison Sale		
Age / Sex	Quantity	Base	Price/Lb	Av/head	Head Sold: 279	Cloverleaf Bison Auction		(March 12, 2022)		
					Class	# of head	Average/lb	Irish Creek 30th Anniversary Premium Bull Sale		
					2021 BULLS			Age / Sex	Weight	Price
2020 Bulls	48	1025	\$2.14	\$2,193.50	550 - 650 lbs	26	\$2.27	2020 / M	1370	\$6,000
2020 Bulls	46	925	\$1.89	\$1,748.25	450 - 549 lbs	50	\$1.81	2020 / M	1410	\$6,700
2020 Hfrs	30	775	\$1.51	\$1,170.25	300 - 449 lbs	28	\$1.47	2020 / M	1435	\$5,500
2020 Hfrs	95	720	\$1.44	\$1,036.80				2020 / M	1460	\$7,000
2021 Mixed	47B 48H	510	\$1.67	\$851.70	2020 BULLS			2020 / M	1505	\$9,100
2021 Bulls	58	580	\$1.87	\$1,084.60	700 - 775 lbs	3	\$0.70	2020 / M	1475	\$5,750
2021 Bulls	42	560	\$1.74	\$974.40	500 - 600 lbs	3	\$0.70	2020 / M	1405	\$7,700
2021 Hfrs	51	480	\$1.40	\$672.00	400 - 450 lbs	2	\$0.30	2020 / M	1400	\$4,250
2021 Bulls	45	500	\$1.41	\$705.00	2019 BULLS			2020 / M	1385	\$4,250
2021 Mixed	31B 14H	475	\$1.42	\$674.50	900+ lbs	5	\$1.25	2020 / M	1435	\$4,300
2020 Bulls	26	730	\$1.43	\$1,043.90	800 - 899 lbs	5	\$1.25	2020 / M	1340	\$4,000
2020 Bulls	10	765	\$1.40	\$1,071.00				2020 / M	1415	\$4,000
2020 Hfrs	17	675	\$1.31	\$884.25	BREEDING BULL			2020 / M	1455	\$5,000
2021 Bulls	20	525	\$1.49	\$782.25	1700+ lbs	1	\$0.55	2020 / M	1400	\$4,900
2021 Hfrs	20	460	\$1.19	\$547.40	2021 HEIFERS			2020 / M	1405	\$4,200
2021 Mixed	58	500	\$1.41	\$705.00	500 - 650 lbs	5	\$1.24	2019 / M	1935	\$5,700
2021 Mixed	50	475	\$1.28	\$608.00	400 - 499 lbs	31	\$1.11	Butterfield Pen of Five Premium Bred Heifers		
2021 Mixed	42	500	\$1.36	\$680.00	300 - 399 lbs	13	\$0.76	Age / Sex	Weight	Price
2021 Bulls	15	500	\$1.54	\$770.00	2020 HEIFERS			2019 / Bred	1200+	\$2600 x 5
2021 Mixed	45	435	\$1.18	\$513.30	600 - 699 lbs	6	\$0.56	2019 / Bred	1200+	\$2600 x 5
2021 Mixed	40	425	\$1.21	\$514.25	500 - 599 lbs	17	\$0.36	2019 / Bred	1150+	Passed
2021 Mixed	18	350	\$1.30	\$455.00	450 - 499 lbs	4	\$0.30			
2021 Mixed	43	470	\$1.21	\$568.70	MATURE BRED FEMALES					
2021 Mixed	15	420	\$0.90	\$378.00	1000+ lbs	15	\$0.82			
2021 Mixed	32	400	\$0.85	\$340.00	Under 1000 lbs	20	\$0.74			
19-20 Mixed	9	650	\$0.45	\$292.50	MATURE FEMALES, EXPOSED					
Cows Exposed	8	1075	\$0.76	\$817.00	790 - 1085 lbs	43	\$0.21			
Cows Exposed	8	1075	\$0.76	\$817.00	MATURE FEMALE, OPEN					
Cows Exposed	8	1075	\$0.70	\$752.50	700+ lbs	2	\$0.07			
Cows Exposed	8	1075	\$0.70	\$752.50						
Cows Exposed	8	1075	\$0.70	\$752.50						
Cows Exposed	8	1075	\$0.70	\$752.50						
Mature Bulls	6	1675	\$0.82	\$1,373.50						
2020 Mixed	8	700	\$0.50	\$350.00						
2021 Mixed	5	350	\$0.50	\$175.00						
Cull Cows	14	875	\$0.35	\$306.25						

Commentary

By Terry Kremenik, 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 \$4.00 - \$4.15/lb HHW for finished prime bulls with some sales reported lower. Heifers were selling at \$3.65 - \$4.15/lb HHW for light trading. Buyers are paying \$2.00 - \$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.

For the first 10 weeks of 2022 (week ending March 12, 2022) there were 1,484 bison slaughtered at federally inspected plants in Canada – up 17.5% over the 1,263 slaughtered during the same period in 2021. It is reported that the backlog of finished bison is being reduced.

U.S. buyers are offering up to USD \$4.00/lb HHW for prime bulls and up to USD \$3.80/lb 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 U.S. during January-February 2022 totaled 5,796 head; which is substantially above the 4,103 bison exported to the U.S. during the first two months of 2021.

Marketers report that interest is beginning to build for the spring and summer seasons. It is reported that demand in Europe is showing strength. Although Canadian bison meat exports to the U.S. declined from 2019 to 2020, meat exports in 2021 were 41.6% higher than in 2020. It is reported that the demand in Europe is showing strength. The European market improvement is expected to continue with gains expected in most markets.

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. Demand in Canada is expected to increase with the marketing initiatives by bison marketers as well as increased bison awareness and sales by farm direct marketers.

Chart 1

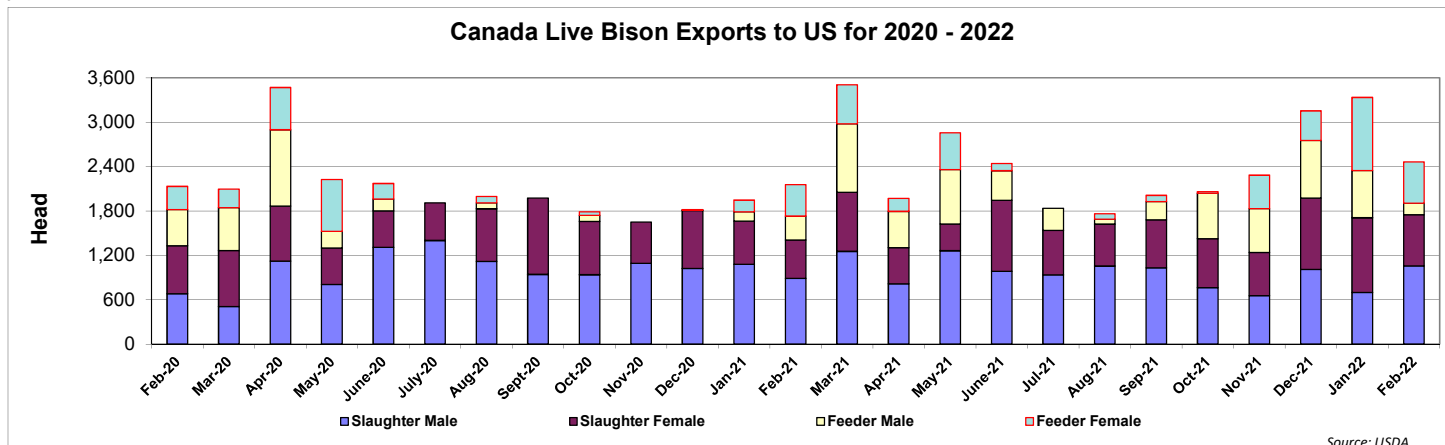
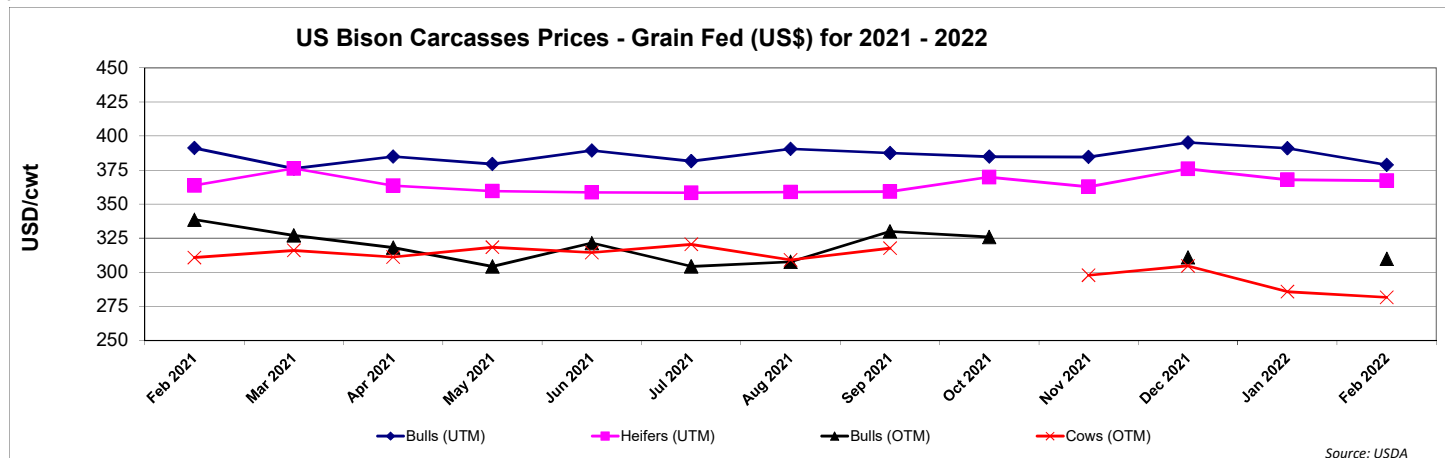


Chart 2



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