



BISON MARKET AND SUPPLY UPDATE

Prepared by Red Meat Section/Agriculture and Agri-Food Canada - November 29, 2022.

Weekly Federally Inspected Slaughter

for week ending:	8-Oct	15-Oct	22-Oct	29-Oct	October Total	January - October YTD		
	2022	2021	2021	2021	2022	2021	% Change	
Total Canada	183	90	288	87	648	6,980	6,112	14.2%
previous year	52	92	150	242	536			

Provincially Inspected Slaughter

	May 2022	June 2022	July 2022	August 2022	September 2022	September 2021	January - September YTD		
	2022	2022	2022	2022	2022	2021	2022	2021	% Change
BC / Alberta	107	131	118	140	118	167	1,254	1,218	3.0%
Sask / Manitoba	32	57	44	54	42	43	388	373	4.0%
Ontario / Quebec	28	50	31	35	47	48	339	473	-28.3%
Canada Total	167	238	193	229	207	258	1,981	2,064	-4.0%
							January - September YTD		
							2022	2021	% Change
Total Canadian Federal and Provincial Slaughter							8,313	7,640	8.8%

Canadian Production

	2016	2017	2018	2019	2020	2021	January - September YTD		
	2022	2021	2021	2021	2021	2021	2022	2021	% Change
Total Slaughter	11,568	10,886	10,041	9,585	7,860	9,798	8,313	7,640	8.8%
Total Live Exports	18,364	17,600	17,342	20,060	24,574	27,986	25,030	20,486	22.2%
Total Production	29,932	28,486	27,383	29,645	32,434	37,784	33,343	28,126	18.5%

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

US Federal Slaughter*

for week ending:	8-Oct	15-Oct	22-Oct	29-Oct	October Total	January - October YTD		
	2022	2021	2021	2021	2022	2022	2021	% Change
	1,278	1,466	1,453	1,501	5,698	58,754	54,024	8.8%
previous year	1,336	1,338	1,542	1,227	5,443			

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

Canada Live Bison Exports to US

	June 22	July 22	August 22	September 22	October 22	January - October YTD		
	2022	2021	2021	2021	2021	2022	2021	% Change
Slaughter Male	1,520	1,026	1,082	741	852	9,917	10,063	-1.5%
Slaughter Female	1,009	715	1,022	803	1,295	9,379	6,194	51.4%
Feeder Male	213	384	610	17	145	4,088	4,223	-3.2%
Feeder Female	466	202	428	59	0	3,938	2,068	90.4%
Total	3,208	2,327	3,142	1,620	2,292	27,322	22,548	21.2%

*source : USDA, APHIS

Canadian Fresh or Chilled Bison Meat Exports

								January - September YTD		
								2022	2021	% Change
Boneless	Apr 2022	May 2022	June 2022	July 2022	August 2022	September 2022		2022	2021	% Change
United States	Kg	20,122	15,250	4,661	13,134	8,258	6,554	127,480	224,045	-43.1%
	Value (\$Cdn)	216,463	146,241	43,893	118,101	38,459	48,583	1,340,794	3,112,419	-56.9%
Netherlands	Kg	7,276	4,723	7,620	8,685	6,230	15,815	60,903	17,344	251.1%
	Value (\$Cdn)	180,784	127,451	173,715	248,679	162,683	349,672	1,511,432	447,009	238.1%
Switzerland	Kg	771	1,536	4,490	4,279	1,154	-	15,915	12,076	31.8%
	Value (\$Cdn)	24,115	54,683	94,429	84,957	52,988	-	450,596	316,231	42.5%
Italy	Kg	-	2,756	1,235	3,293	819	-	8,103	4,659	73.9%
	Value (\$Cdn)	-	82,651	30,377	79,681	28,323	-	221,032	207,166	6.7%
France	Kg	-	-	1,370	1,703	1,115	-	4,188	3,115	34.4%
	Value (\$Cdn)	-	-	26,034	32,365	21,730	-	80,129	90,871	-11.8%
Germany	Kg	-	-	-	-	-	-	-	733	-
	Value (\$Cdn)	-	-	-	-	-	-	-	29,459	-
United Kingdom	Kg	-	-	-	-	-	517	517	632	-18.2%
	Value (\$Cdn)	-	-	-	-	-	18,493	18,493	29,329	-36.9%
Other Countries	Kg	-	-	-	-	-	-	-	-	-
	Value (\$Cdn)	-	-	-	-	-	-	-	-	-
Total	Kg	28,169	24,265	19,376	31,094	17,576	22,886	217,106	262,604	-17.3%
	Value (\$Cdn)	421,362	411,026	368,448	563,783	304,183	416,748	3,622,476	4,232,484	-14.4%

Bone-in

								January - September YTD		
								2022	2021	% Change
	Apr 2022	May 2022	June 2022	July 2022	August 2022	September 2022		2022	2021	% Change
Total	Kg	25,378	674	250	478	136	-	32,794	66,827	-50.9%
	Value (\$Cdn)	460,775	7,068	2,626	5,019	1,423	-	575,667	736,691	-21.9%

Total Exports, Boneless and Bone-in

								January - September YTD		
								2022	2021	% Change
	Apr 2022	May 2022	June 2022	July 2022	August 2022	September 2022		2022	2021	% Change
	Kg	53,547	24,939	19,626	31,572	17,712	22,886	249,900	329,431	-24.1%
	Value (\$Cdn)	882,137	418,094	371,074	568,802	305,606	416,748	4,198,143	4,969,175	-15.5%

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

wghtd avg

	Bulls (UTM)	Heifers (UTM)	Bulls (OTM)	Cows (OTM)
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
Mar 2022	392.76	373.39	332.14	309.63
Apr 2022	389.18	370.04		306.90
May 2022	388.55	364.11		337.33
Jun 2022	373.27	361.51		313.23
Jul 2022	386.18	362.45		
Aug 2022	375.30	358.77		
Sep 2022	378.06	361.38		292.87
Oct 2022	380.28	359.37		294.13

*source USDA

wghtd avg

	Bulls	Heifers	Mature Bulls	Mature Cows	<u>For the U.S. Market</u>	Bulls	Heifers
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
Apr 2022	375-415	365-415	200-230	185-230	Apr 2022	460-480	440-470
May 2022	375-425	365-425	200-230	185-230	May 2022	460-480	440-470
Jun 2022	375-425	365-425	200-230	185-230	Jun 2022	460-480	440-470
Jul 2022	400-425	410-425	230-250	230-250	Jul 2022	460-480	440-470
Aug 2022	400-425	400-425	230-250	230-250	Aug 2022	460-480	450-470
Sept 2022	400-425	400-425	230-250	230-250	Sept 2022	460-480	450-470
Oct 2022	400-425	400-425	230-250	230-250	Oct 2022	460-480	450-470
Nov 2022	390-420	380-420	200-230	200-230	Nov 2022	460-495	450-470

*source CBA survey of marketers

	August 2022		September 2022		October 2022		2 mnth's prior	1 month prior
	Range	Wt. Avg	Range	Wt. Avg	Range	Wt. Avg		
Ribeye Lip-On Fresh	1,263 - 1,565	1,449.91	1,357 - 1,586	1,524.82	1,377 - 1,578	1,510.43	4.2%	-0.9%
Chuckroll/Clod Fresh	655 - 663	660.02	653 - 668	663.10	671 - 693	678.69	2.8%	2.4%
Striploin Fresh	1,061 - 1,206	1,107.51	1,068 - 1,214	1,114.90	991 - 1,246	1,104.52	-0.3%	-0.9%
Tenderloin Fresh	1,838 - 2,393	2,008.25	1,803 - 2,409	2,048.34	1,775 - 2,415	1,959.12	-2.4%	-4.4%
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	716 - 744	723.34	721 - 760	735.27	679 - 683	679.79	-6.0%	-7.5%

*source USDA

*source USDA

	Mid-August 2022 Pricing	Mid-September 2022 Pricing	Mid-October 2022 Pricing	Mid-November 2022 Pricing
Tenderloin	\$45.00 - \$45.95	\$49.95 - \$65.00	\$35.00 - \$69.00	\$45.00 - \$49.95
Striploin	\$28.00 - \$31.95	\$29.95 - \$34.50	\$28.00 - \$34.00	\$28.00 - \$31.95
Ribeye		\$31.95 - \$42.00	\$28.00 - \$39.00	
Top sirloin		\$19.95 - \$20.00	\$19.95 - \$20.00	
Inside round	\$17.95 - \$21.00	\$16.95 - \$20.00	\$17.95 - \$19.00	\$16.95 - \$21.00
Trim 90%	\$10.95 - \$14.00	\$10.50 - \$11.00	\$9.95 - \$14.00	\$10.95 - \$14.00
Trim 60%		\$6.96 - \$9.00	\$6.96 - \$9.00	
Ground - lean	\$14.95 - \$17.95	\$13.95 - \$15.90	\$13.95 - \$16.00	\$14.95 - \$17.95

**source CBA survey of marketers*

*source CBA survey of marketers

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

Jack Auction Group (SK) - October 20, 2022			
Video Bison Sale			
Age / Sex	Quantity	Quality / Type	Price/lb
2021 Bulls	60	G - Ex Plains	\$2.25
2021 Heifers	50	G - Ex Plains	\$1.75
2021 Bulls	34	M - Ex Wood X	\$1.99
2021 Heifers	40	M - Ex Wood X	\$1.70
2020 Heifers	31	M - Ex Wood X	\$1.58
2020 Bulls	14	M - Ex Plains	\$1.92
2021 Heifers	16	M - Ex Plains	\$1.53
2021 Bulls	9	M - Ex Plains	\$1.72
2020 Heifers	7	M - Ex Plains	\$1.33
20-21 Mixed	12	M - Ex Wood X	\$1.81
Various Exposed	27	M - Ex Wood X	\$1.20
Various Bulls	5	G - Ex Wood X	\$1.00
18-20 Heifers	17	M - Ex Wood X	\$1.26
18-20 Bulls	5	M - Ex Wood X	\$1.13
Various Cows	12	G - Ex Wood X	\$1.11
Various Bulls	7	G - Ex Wood X	\$1.05
Ex – Excellent, M – Medium, G – Good, P – Poor, Exp – Exposed			

Jack Auction Group (SK) - September 15, 2022			
Video Bison Sale			
Age / Sex	Quantity	Quality / Type	Price/lb
2020 Finished Bulls	4	G-Ex Plains	\$1.76
2021 Bulls	25	M Wood X	\$1.30
2021 Heifers	20	M Wood X	\$1.30
5-18 yr Cull cows	5	G-Ex Plains	\$0.80
2020/2021 Heifers	18	G-Ex Wood X	\$1.17
2020/2021 Bulls	13	G-Ex Wood X	\$1.17
Aged Bulls	10	G-Ex Wood X	\$1.79
Mature Cows	31	M-Ex Wood X	\$0.60
2022 Heifers	9	M-Ex Wood X	\$1.05
2022 Bulls	5	M-Ex Wood X	\$1.05
Aged Bulls	7	G-Ex Wood X	\$1.25
Ex – Excellent, M – Medium, G – Good, P – Poor, Exp – Exposed			

Jack Auction Group (SK) - June 23, 2022			
Video Bison Sale			
Age / Sex	Quantity	Quality / Type	Price/lb
2020 Bulls		G-Ex Plains	\$2.22
2020 Bulls		M-Ex Cross	\$1.81
2020 Heifers		M-Ex Cross	\$1.55
2021 Bulls		G-Ex Cross	\$1.84
2020 Mixed		G-Ex Cross	\$1.51
2020 Heifers		M-Ex Cross	\$1.06
2021 Heifers		M-Ex Cross	\$1.65
Ex – Excellent, M – Medium, G – Good, P – Poor, Exp – Exposed			

Commentary

By Carl Flis, 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 diane.blandford@agr.gc.ca

Commentary is unavailable this edition; will resume next month

Chart 1

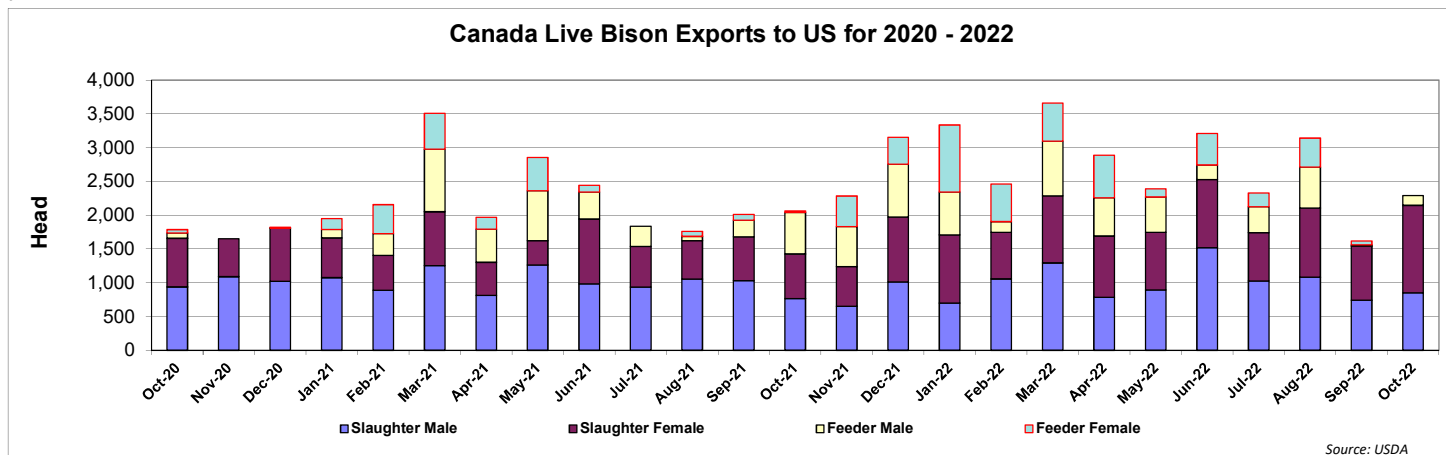
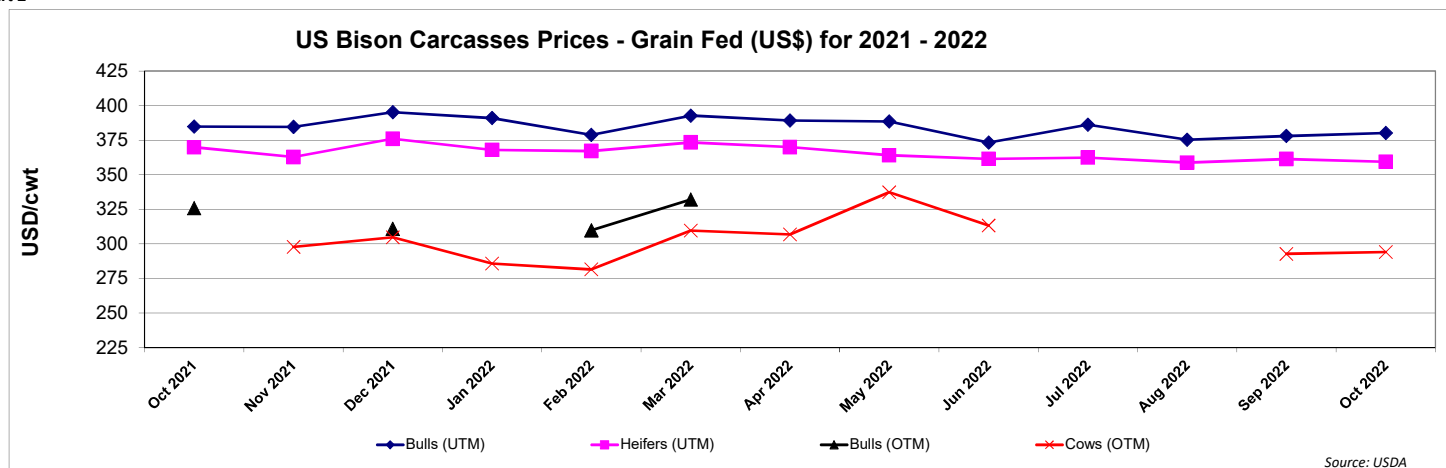


Chart 2



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

On another note, the 2021 Canadian Census of Agriculture data was released on May 11, 2022. Nationally, the number of bison farms and ranches reporting bison was up 1.4% from 2016 levels. The number of bison on farms and ranches in 2021 was reported to have increased by over 25% within the past five years. According to the data, the average bison herd size increased to 151 head (from 122 head in 2016).

The number of farms and ranches held relatively steady since 2016 (up by 14 farms); some provinces reported increases (Ontario and Alberta both up by 6.1%) and some reported declines (Quebec down by 23.5% and British Columbia down 12.7%).

Excluding the Atlantic Region, the only province to report a decrease in the number of bison was Manitoba (-16.4%), while British Columbia reported the most significant increase (+128.9%); more than doubling the 2016 provincial herd size.

	FARMS REPORTING BISON					NUMBER OF BISON REPORTED				
	2021	2016	2011	2006	%Chg '21 vs '16	2021	2016	2011	2006	%Chg '21 vs '16
Nfld and Labrador	0	0	0	0	-	0	0	0	0	-
Prince Edward Island	0	0	0	1	-	0	0	0	*	-
Nova Scotia	1	2	2	1	-50.0%	*	*	*	*	-
New Brunswick	0	1	2	3	-100.0%	0	*	*	*	-
Quebec	26	34	45	69	-23.5%	1,682	1,538	2,380	4,322	9.4%
Ontario	52	49	60	71	6.1%	2,974	1,843	2,320	4,106	61.4%
Manitoba	82	86	108	166	-4.7%	11,725	14,025	14,116	19,609	-16.4%
Saskatchewan	308	303	352	597	1.7%	52,860	40,418	39,343	57,395	30.8%
Alberta	472	445	571	869	6.1%	65,405	54,907	57,483	97,366	19.1%
British Columbia	48	55	71	121	-12.7%	14,888	6,504	9,206	12,656	128.9%
Canada Total	989	975	1,211	1,898	1.4%	149,539	119,314	125,142	195,728	25.3%

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