



BISON MARKET AND SUPPLY UPDATE

Prepared by Red Meat Section/Agriculture and Agri-Food Canada - January 30, 2023.

Weekly Federally Inspected Slaughter

for week ending:	3-Dec	10-Dec	17-Dec	24-Dec	31-Dec	December Total	January - December		
Total Canada	136	86	221	77	48	568	2022	2021	% Change
<i>previous year</i>	165	188	104	0	93	550	8,255	7,276	13.5%

Provincially Inspected Slaughter

	July 2022	August 2022	September 2022	October 2022	November 2022	November 2021	January - November YTD		
BC / Alberta	118	140	133	105	109	98	2022	2021	% Change
Sask / Manitoba	44	54	42	26	30	23	444	421	5.5%
Ontario / Quebec	31	41	67	38	45	40	448	545	-17.8%
Canada Total	193	235	242	169	184	161	2,375	2,364	0.5%

	January - November YTD	2022	2021	% Change
Total Canadian Federal and Provincial Slaughter		10,062	9,090	10.7%

Canadian Production

	2016	2017	2018	2019	2020	2021	January - November YTD		
Total Slaughter	11,568	10,886	10,041	9,585	7,860	9,798	2022	2021	% Change
Total Live Exports	18,364	17,600	17,342	20,060	24,574	27,986	10,062	9,090	10.7%
Total Production	29,932	28,486	27,383	29,645	32,434	37,784	30,366	24,832	22.3%
							40,428	33,922	19.2%

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

US Federal Slaughter*

for week ending:	3-Dec	10-Dec	17-Dec	24-Dec	31-Dec	December Total	January - December		
	1,755	1,627	1,394	1,507	1,246	7,529	2022	2021	% Change
<i>previous year</i>	1,438	1,393	1,459	1,075	1,114	6,479	71,701	66,093	8.5%

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

Canada Live Bison Exports to US

	August 22	September 22	October 22	November 22	December 22	January - December		
Slaughter Male	1,082	741	852	903	712	2022	2021	% Change
Slaughter Female	1,022	803	1,295	1,080	799	11,532	11,727	-1.7%
Feeder Male	610	17	145	599	389	11,258	7,741	45.4%
Feeder Female	428	59	0	462	96	5,076	5,598	-9.3%
Total	3,142	1,620	2,292	3,044	1,996	4,496	2,920	54.0%
						32,362	27,986	15.6%

*source : USDA, APHIS

Canadian Fresh or Chilled Bison Meat Exports

								January - November YTD		
								2022	2021	% Change
Boneless	June 2022	July 2022	August 2022	September 2022	October 2022	November 2022				
United States	Kg	4,661	13,134	8,258	6,554	216	4,078	149,889	253,030	-40.8%
	Value (\$Cdn)	43,893	118,101	38,459	48,583	7,658	32,269	1,639,908	3,573,787	-54.1%
Netherlands	Kg	7,620	8,685	6,230	15,815	41,346	29,604	131,853	33,882	289.2%
	Value (\$Cdn)	173,715	248,679	162,683	349,672	837,290	704,842	3,053,564	901,311	238.8%
Switzerland	Kg	4,490	4,279	1,154	-	-	4,174	20,089	15,217	32.0%
	Value (\$Cdn)	94,429	84,957	52,988	-	-	127,321	577,917	451,149	28.1%
Italy	Kg	1,235	3,293	819	-	566	154	8,823	6,613	33.4%
	Value (\$Cdn)	30,377	79,681	28,323	-	20,817	5,354	247,203	272,208	-9.2%
France	Kg	1,370	1,703	1,115	-	1,062	-	5,250	3,115	68.5%
	Value (\$Cdn)	26,034	32,365	21,730	-	28,133	-	108,262	90,871	19.1%
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	19,376	31,094	17,576	22,886	43,190	38,010	316,421	313,222	1.0%
	Value (\$Cdn)	368,448	563,783	304,183	416,748	893,898	869,786	5,645,347	5,348,114	5.6%

Bone-in

	June 2022	July 2022	August 2022	September 2022	October 2022	November 2022	January - November YTD		
Total	250	478	136	-	254	411	2022	2021	% Change
	2,626	5,019	1,423	-	2,666	13,310	33,459	68,068	-50.8%
							591,643	751,689	-21.3%

Total Exports, Boneless and Bone-in

	June 2022	July 2022	August 2022	September 2022	October 2022	November 2022	January - November YTD		
Kg	19,626	31,572	17,712	22,886	43,444	38,421	2022	2021	% Change
Value (\$Cdn)	371,074	568,802	305,606	416,748	896,564	883,096	6,236,990	6,099,803	2.2%

*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 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
Nov 2022	379.05	361.22	309.58	288.18
Dec 2022	386.82	358.59		285.97

*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 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
Dec 2022	380-420	370-410	200-230	200-230	Dec 2022	465-510	435-470
Jan 2023	390-415	380-400	200-230	200-230	Jan 2023	495-515	470-490

*source CBA survey of marketers

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

	October 2022		November 2022		December 2022		% Change Current Month vs.	
	Range	Wt. Avg	Range	Wt. Avg	Range	Wt. Avg	2 mnths prior	1 month prior
Ribeye Lip-On Fresh	1,377 - 1,578	1,510.43	1,312 - 1,607	1,473.26	1,321 - 1,574	1,499.70	-0.7%	1.8%
Chuckroll/Clod Fresh	671 - 693	678.69	607 - 654	624.93	523 - 891	603.10	-11.1%	-3.5%
Striploin Fresh	991 - 1,246	1,104.52	847 - 1,208	1,007.13	1,035 - 1,310	1,092.08	-1.1%	8.4%
Tenderloin Fresh	1,775 - 2,415	1,959.12	1,847 - 2,392	1,960.56	1,809 - 2,590	2,062.44	5.3%	5.2%

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	679 - 683	679.79	N/A	N/A	N/A	N/A	N/A	N/A

*source USDA

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

	Mid-October 2022 Pricing	Mid-November 2022 Pricing	Mid-December 2022 Pricing	Mid-January 2023 Pricing
Tenderloin	\$35.00 - \$69.00	\$45.00 - \$49.95	\$45.00 - \$49.95	\$48.00 - \$56.00
Striploin	\$28.00 - \$34.00	\$28.00 - \$31.95	\$28.00 - \$32.00	\$28.00 - \$32.00
Ribeye	\$28.00 - \$39.00		\$28.00 - \$39.00	\$32.00 - \$34.00
Top sirloin	\$19.95 - \$20.00		\$19.95 - \$20.00	\$19.00 - \$20.00
Inside round	\$17.95 - \$19.00	\$16.95 - \$21.00	\$17.95 - \$19.00	\$18.00 - \$20.00
Trim 90%	\$9.95 - \$14.00	\$10.95 - \$14.00	\$9.95 - \$13.00	\$11.00 - \$12.00
Trim 60%	\$6.96 - \$9.00		\$7.50 - \$9.00	\$6.00 - \$7.00
Ground - lean	\$13.95 - \$16.00	\$14.95 - \$17.95	\$14.95 - \$17.95	\$15.00 - \$17.00

*source CBA survey of marketers

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

Jack Auction Group (SK) - November 17, 2022				Jack Auction Group (SK) - October 20, 2022				Jack Auction Group (SK) - September 15, 2022		
Video Bison Sale				Video Bison Sale				Video Bison Sale		
Age / Sex	Quantity	Quality / Type	Price/lb	Age / Sex	Quantity	Quality / Type	Price/lb	Age / Sex	Quantity	Price/lb
2021 Bulls	122	V Good Wood X	\$2.14	2021 Bulls	60	G - Ex Plains	\$2.25	2020 Finished B	4	\$1.76
2021 Bulls	28	Good Wood X	\$1.87	2021 Heifers	50	G - Ex Plains	\$1.75	2021 Bulls	25	\$1.30
2021 Heifers	77	V Good Wood X	\$1.82	2021 Bulls	34	M - Ex Wood X	\$1.99	2021 Heifers	20	\$1.30
2021 Heifers	29	Good Wood X	\$1.50	2021 Heifers	40	M - Ex Wood X	\$1.70	5-18 yr Cull cow:	5	\$0.80
2021 Heifers	30	V Good Wood X	\$1.52	2020 Heifers	31	M - Ex Wood X	\$1.58	2020/2021 Heife	18	\$1.17
2021 Heifers	40	V Good Wood X	\$1.52	2020 Bulls	14	M - Ex Plains	\$1.92	2020/2021 Bulls	13	\$1.17
2021 Bulls	40	Average Wood X	\$1.72	2021 Heifers	16	M - Ex Plains	\$1.53	Aged Bulls	10	\$1.79
2021 Heifers	46	Average Wood X	\$1.40	2021 Bulls	9	M - Ex Plains	\$1.72	Mature Cows	31	\$0.60
2022 Mixed	112	Average Wood X	\$1.21	2020 Heifers	7	M - Ex Plains	\$1.33	2022 Heifers	9	\$1.05
2020 Bulls	10	V Good Wood X	\$1.91	20 - 21 Mixed	12	M - Ex Wood X	\$1.81	2022 Bulls	5	\$1.05
Aged Cows	40	V Good Wood X	\$0.82	Various Exposed	27	M - Ex Wood X	\$1.20	Aged Bulls	7	\$1.25
Aged Bulls	10	V Good Wood X	\$0.85	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						

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

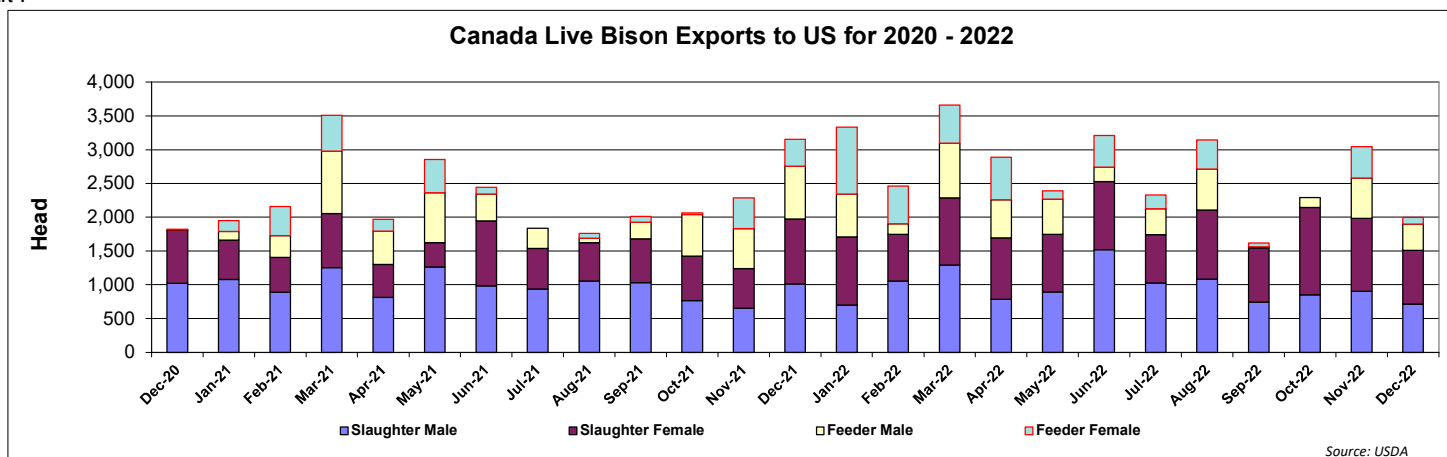
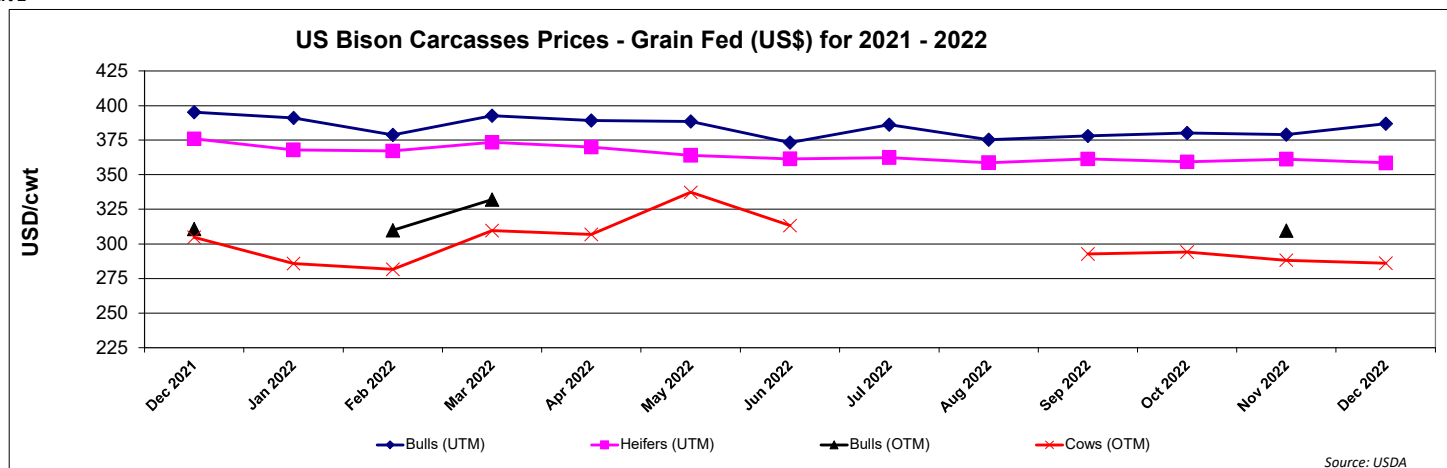


Chart 2



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