

**Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
December 2021**

ST	Name of Bull	Registration Number	GT	BBR	JH1	JNS	NAAB Code	JPI	No. Hds	No. Daus	REL %	% Milk	% Fat	% Fat	% Prot	Prot	CM\$	NM\$	FM\$
A	JX RIVER VALLEY CHIEF (6)-ET	USA 075341195	99K	100	F	F	777JE10034	178	32	262	96	1809	-0.06	74	-0.04	56	839	836	825
F	ISDK VJ KJOELB GISLEV GUTZ	DNK 000304577	50K	100	F	F	236JE5003	152	191	573	88	150	0.30	72	0.09	25	615	601	502
A	PRIMUS COMANCHE KESTREL-P-ET	840003006436131	99K	100	F	F	7JE1630	144	25	113	94	2616	-0.29	57	-0.11	70	657	663	704
A	JX FARIA BROTHERS ALTAGRONK (4)-ET	840003135124429	99K	100	C	F	11JE1339	142	26	140	94	1286	0.04	71	0.05	59	691	680	585
A	JX KASH-IN GOT JIGGY (6)-ET	840003138463636	99K	100	F	F	551JE1717	139	27	343	97	1159	0.06	69	0.03	50	713	701	622
A	JX SUNSET CANYON GOT MAID (5)-ET	USA 119407594	99K	100	F	F	551JE1650	138	131	2,587	99	1587	-0.01	75	0.03	66	755	740	646
F	ISDK VJ ADELGAARD HOVE SAMSON	DNK 000304415	50K	100	F	F	236JE257	136	312	1,801	89	131	0.24	58	0.11	29	540	523	400
F	ISDK VJ OSTERGAARD HJERN HOVE	DNK 000303987	50K	100	F	F	236JE207	135	226	577	88	-657	0.55	81	0.21	19	522	497	310
A	JX CAL-MART WESTPORT (5)-ET	USA 067374603	99K	100	F	F	29JE4117	129	19	123	94	451	0.17	59	0.12	42	595	577	440
A	JX FOREST GLEN BALTAZAR AMORE (6)-ET	USA 067650232	99K	100	F	F	29JE4105	124	21	58	91	1066	-0.14	20	0.02	43	558	549	493
F	ISDK VJ JUULSGAARD GISLEV GATES	DNK 000304544	6K	100	F	F	236JE4544	124	309	1,510	88	-255	0.13	15	0.08	8	440	420	331
F	ISDK VJ RAASTRUP HIHL GISLEV	DNK 000304171	6K	100	F	F	236JE226	123	359	1,247	89	-299	0.28	44	0.16	22	457	431	275
F	ISDK VJ KLOVBORG HJORT KLOV (6)	DNK 000304276	50K	100	F	F	236JE243	120	247	921	89	21	0.17	38	0.10	23	464	448	338
F	ISDK VJ UDBY LARI LASKY	DNK 000304566	50K	100	F	F	236JE4566	117	246	884	88	797	0.03	45	0.00	30	461	453	416
A	CDF IRWIN STEVE	840003006436334	80K	100	C	F	11JE1259	116	117	2,386	99	461	0.31	90	0.09	37	655	644	539
A	FOREST GLEN BANCROFT TATE	USA 067650143	99K	100	F	F	29JE4087	113	24	56	91	984	-0.03	42	0.00	35	485	482	455
A	JX FOREST GLEN MONUMENT SULLY (6)	USA 119889365	99K	100	F	F	97JE165	113	15	295	96	1218	-0.11	35	-0.05	33	506	507	520
F	ISDK VJ AARRE LAPPE LARI	DNK 000304158	50K	100	F	F	236JE222	113	426	1,346	89	-236	0.22	34	0.12	16	424	406	291
A	JX AHLEM FRISCO ADAMA (6)	USA 067823967	99K	100	F	F	7JE1719	111	23	86	92	829	-0.03	33	0.11	55	507	489	346
F	ISDK VJ BALSLEV LOBO CHOKO	DNK 000304568	6K	100	F	F	236JE4568	111	197	668	88	-76	0.31	61	0.13	25	444	430	306
A	ISDK VJ HAVDAL LAPPE DEE (6)	DNK 000304164	50K	100	F	F	236JE224	110	379	1,133	94	-1448	0.71	70	0.31	9	407	374	123
F	ISDK VJ DROSTRUPGAARD LUSAKA	DNK 000304035	50K	100	F	F	236JE171	109	223	606	89	-23	0.31	64	0.12	24	435	417	295
A	DUPAT DILLAN RAIDER-P-ET	840003127607534	29K	100	F	F	147JE6226	108	9	40	90	517	-0.05	14	-0.02	15	414	411	407
F	ISDK VJ RAVNINGGAARD HUUS HAMLET	DNK 000304607	50K	100	F	F	236JE4607	108	146	347	88	-640	0.27	25	0.19	15	382	359	193
F	ISDK VJ HORN	DNK 000303496	50K	100	F	F	236JE177	107	63	86	86	-830	0.47	55	0.20	10	416	394	226
A	JX PEAK ALTAMONTRA (6)-ET	840003140883833	99K	100	F	F	11JE1369	106	14	34	88	992	0.01	50	0.05	48	522	513	429
A	FOREST GLEN KALAHARI	USA 067650122	99K	100	F	C	29JE4073	106	84	333	97	54	0.11	26	0.17	38	452	434	268
A	TOG LISTOWEL IROQUOIS-P-ET	840003143160018	99K	100	F	F	14JE1675	106	10	29	89	567	0.06	40	0.07	36	555	540	444
A	JX AHLEM FRISCO PINE (6)-ET	USA 067823956	99K	100	F	F	7JE1699	106	24	137	94	-51	0.17	33	0.16	32	402	383	226
A	AHLEM BOWMAN LANCER-ET	USA 073409435	99K	100	F	F	29JE3992	106	55	241	97	-241	0.32	56	0.09	11	415	403	316
F	ISDK VJ MOSEGAARD HILARIO HAARE	DNK 000304229	50K	100	F	F	236JE229	105	173	328	88	85	0.20	46	0.13	30	422	406	277
A	AHLEM AXIS BANCROFT-ET	USA 073409475	99K	100	F	F	29JE3991	104	239	1,895	99	967	-0.09	26	0.01	37	498	494	459
F	ISDK VJ HJORTVANGS HOLMER HJORT	DNK 000303828	50K	100	F	F	236JE166	104	347	1,177	90	-33	0.29	59	0.14	28	454	436	298
A	AHLEM BANCROFT SHOCKER-ET	USA 067823475	99K	100	F	F	7JE1614	103	20	101	94	854	0.00	42	0.02	36	504	497	446
A	AHLEM KWYNN RESPECT-ET	USA 067823687	99K	100	F	F	7JE1638	103	113	864	98	99	0.19	45	0.05	14	436	422	358
A	DUTCH HOLLOW MIGHTY-ET	840003131737628	99K	100	F	F	29JE4079	102	46	214	95	298	0.25	68	0.15	43	483	460	295
A	O.F. BALLISTIC GREG	USA 067198214	99K	100	F	F	7JE1490	100	52	378	98	838	-0.05	29	0.04	40	425	419	351
A	RIVER VALLEY CIRCUS CLOSER-ET	USA 075341010	99K	100	F	F	7JE5052	100	39	86	93	474	-0.02	18	0.00	17	394	388	369
F	ISDK VJ RAVNINGGAARD HAZARD	DNK 000303970	50K	100	F	F	236JE254	100	306	935	89	-605	0.40	53	0.16	11	374	357	221
A	JX FARIA BROTHERS ASENSIO (4)-ET	840003140305961	99K	100	F	F	551JE1710	98	10	54	91	677	0.10	55	0.09	44	438	426	317
F	ISDK VJ HOEHOLT JERN JAMES	DNK 000304302	50K	100	F	F	236JE248	97	376	1,962	89	-783	0.41	47	0.18	8	364	342	189
A	PROMETEDOR LOOT-ET	USA 067119938	99K	100	F	F	777JE1138	96	15	215	95	720	0.18	75	0.11	51	552	540	409
A	JX AHLEM BALTAZAR KIAWA (6)-P-ET	USA 067823735	99K	100	F	C	7JE1617	96	43	539	98	647	-0.07	15	-0.01	21	476	475	467
F	ISDK VJ HAUGSTEDGAARD HORST	DNK 000303706	50K	100	F	F	236JE251	96	79	129	87	-610	0.40	53	0.17	12	406	386	240
F	ISDK VJ LUKOWA	DNK 000303732	50K	100	F	F	236JE160	95	214	467	88	-1017	0.46	44	0.18	0	339	317	168
A	JX FARIA BROTHERS ALTAZIDANE (4)-ET	840003149514358	99K	100	F	F	11JE1379	94	5	19	86	451	0.10	44	0.09	36	437	424	318
A	RIVER VALLEY PFENNIG PERFECT FIT	840003009997718	50K	100	F	F	147JE6213	94	9	132	96	531	0.13	54	0.04	29	394	385	321
A	DP KILOWATT AMP-ET	USA 172581329	99K	100	F	F	7JE1628	94	71	692	98	197	0.13	38	0.09	27	412	400	302
F	ISDK VJ BLANKE JASON JANKO	DNK 000303787	50K	100	C	F	236JE252	90	399	1,590	89	-791	0.34	31	0.15	2	350	331	203
A	JX AHLEM BALTAZAR FIRESTAR (6)-ET	USA 067823730	99K	100	F	F	7JE1662	89	38	505	98	798	-0.15	6	0.02	33	429	425	383
A	SEXING ZIPPER AUTOMATIC 59995-ET	840003010363742	80K	100	F	F	151JE1625	89	31	285	97	-12	0.16	33	0.06	13	373	360	291
F	ISDK VJ ALSTRUP HICKEY HAMA	DNK 000303968	50K	100	F	F	236JE178	89	202	491	88	-736	0.31	29	0.14	2	291	278	167
F	ISDK VJ AGERDAL GISLEV GARANT	DNK 000304576	50K	100	F	F	236JE5002	88	74	136	86	-584	0.31	36	0.13	6	318	299	179
F	ISDK VJ HAUGSTEDGAARD HJERN HOJ (6)	DNK 000303972	50K	100	F	F	236JE165	87	483	1,894	89	-402	0.24	31	0.14	15	328	309	177
A	KASH-IN SALSA-P-ET	840003013871195	99K	100	F	F	7JE1474	86	35	77	94	901	0.01	45	0.04	42	430	422	354
A	JX PINE-TREE AROUND (5)-ET	USA 067731469	99K	100	F	F	1JE1075	86	37	567	98	441	0.16	57	0.11	41	476	468	350
A	YOSEMITE KW MASTERS DEGREE-ET	840003131274413	45K	100	F	F	100JE7398	86	9	42	89	82	0.15	35	0.07	17	355	343	269
F	ISDK VJ GYVELBORG HIHL GYVEL	DNK 000304163	50K	100	F	F	236JE223	85	357	960	89	-318	0.15	15	0.10	10	302	284	183
A	JX CAL-MART COTTAGE (5)-ET	USA 067374614	99K	100	F	F	29JE4118	84	6	20	85	-115	0.18	32	0.14	25	370	351	214
A	CDF VICEROY-ET	840003002447507	50K	100	F	F	11JE1179	83	398	8,739	99	688	0.01	35	0.04	34	397	393	335
A	AHLEM WHISTLER-ET	USA 067823718	99K	100	F	F	777JE1140	83	22	218	95	1076	-0.06	38	-0.04	31	435	433	435
A	RIVER VALLEY CECE CHROME-ET	8400030																	

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SCS	PL	LIV	DPR	DPR REL	CCR	HCR	EFI	Type Hnds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RUW	UC	UD	TP	TL	RTP RV	RTP SV	JUI	
2.89	4.6	-1.9	-0.7	74	0.1	1.7	7.9	20	139	94	2.3	-0.1	-0.8	2.8	H0.1	-1.0	S0.1	S0.1	0.8	3.4	2.7	1.9	D0.4	C2.1	L0.9	C1.6	B1.5	14.3	
2.88	2.2	0.0	1.3	75	3.3	4.3	2.9	96	242	79	-0.3	-1.0	-1.5	0.9	0.0	-1.3	P0.4	L0.7	-1.3	-0.1	0.1	0.5	S0.8	C1.1	S0.8	C1.1	0.0	1.0	
3.04	3.3	0.9	-0.9	82	0.1	1.2	9.3	17	71	91	0.0	0.0	0.0	0.6	0.2	L1.2	-0.4	P0.1	L0.3	-1.7	0.3	0.4	0.4	D1.9	W1.2	S0.5	W1.2	B1.0	-3.9
3.00	2.7	-0.2	-2.3	80	-1.8	2.8	6.9	14	86	91	0.4	0.3	0.5	1.2	L0.3	-0.5	S1.0	L0.6	-0.1	1.1	0.3	-0.7	S0.2	W0.2	L0.3	W0.9	B0.4	3.1	
2.78	5.0	-0.7	-1.1	83	-0.7	1.7	9.1	14	234	96	1.0	0.8	1.0	1.4	H1.3	0.9	P0.8	S0.9	0.2	-0.1	1.0	0.6	D1.2	C0.5	S0.3	C0.6	C0.2	-1.4	
2.76	4.9	-2.5	-3.3	97	-2.6	-0.9	8.5	79	1,382	99	0.5	0.0	0.6	0.9	H1.0	0.2	P0.6	S0.8	0.3	-0.8	0.5	-0.5	D0.6	W0.1	L0.1	W0.8	C1.3	-5.5	
2.82	2.9	1.3	2.7	80	3.8	3.1	4.1	162	774	81	-0.7	0.6	0.2	-0.6	H0.6	-0.7	P0.1	S0.4	-1.4	-1.0	-0.3	-0.7	S0.3	W1.6	L0.5	W2.1	0.0	-6.7	
2.82	1.0	0.5	2.8	77	3.8	2.3	2.0	122	298	79	-1.2	-0.5	-0.5	-0.8	H0.6	-0.9	S0.2	L0.5	-2.6	-2.0	-0.8	-0.9	D0.5	W0.7	S1.9	W0.5	C0.3	-10.2	
2.87	3.2	1.8	-0.1	76	-0.7	1.1	7.8	8	77	91	0.8	1.1	0.7	0.6	H0.4	0.5	P0.3	S0.4	0.9	0.7	-0.1	-0.6	D0.2	C1.5	L0.5	C0.2	B0.4	3.4	
2.86	4.6	0.8	-0.8	75	0.8	2.4	8.4	8	33	87	1.6	-0.6	-0.4	1.4	H1.2	-0.3	P0.7	S1.2	2.6	2.0	0.8	1.2	S1.6	C0.8	L1.2	C1.0	B1.1	14.4	
2.49	5.4	1.7	3.4	78	4.9	5.8	2.4	152	660	78	-1.0	-1.0	-0.8	-1.0	H0.1	-0.8	S0.3	0.0	1.5	-0.4	-1.0	-0.9	S3.7	W1.2	S1.3	W1.0	C0.9	6.4	
2.63	2.5	0.3	2.3	80	3.4	4.4	3.4	175	660	80	-0.6	0.0	-0.1	-0.5	L0.6	0.3	P0.3	L0.3	-0.8	-0.8	-1.2	-0.3	S1.8	W0.5	S1.1	W0.4	C1.2	-1.6	
2.83	2.4	0.7	4.6	78	4.4	3.5	3.0	150	528	80	-0.4	-1.1	-0.6	0.5	L1.8	-0.1	S0.4	L0.5	-1.8	-0.7	-0.8	-1.2	D1.3	W2.0	S0.9	W2.5	C1.3	-10.5	
2.76	2.9	-0.3	2.2	77	4.1	3.8	2.8	112	389	80	-0.9	-0.9	0.2	-1.0	L0.2	-0.5	S0.3	S0.1	-0.7	-1.1	-1.2	-0.4	D0.4	W0.2	L1.8	W2.5	0.0	-8.9	
3.09	3.4	0.9	-4.0	97	-3.0	1.0	10.3	63	1,285	99	0.9	1.0	-0.2	0.7	L1.5	0.1	S0.7	L0.4	0.1	0.7	0.6	0.5	S0.1	C1.1	S0.3	C1.4	C0.8	2.8	
2.97	1.9	0.1	0.8	78	2.4	5.1	7.6	13	40	88	0.4	1.0	-0.6	1.5	L0.6	-0.4	S0.3	S0.4	-1.0	0.7	0.3	-0.4	D0.4	W1.7	S0.2	W1.1	C0.3	-1.4	
2.91	4.0	2.1	2.2	85	2.7	1.9	7.8	4	49	88	0.7	0.8	0.9	0.8	H0.7	0.9	S0.7	0.0	1.2	1.3	1.1	0.3	D0.5	W1.2	L1.4	W2.1	C0.1	2.1	
2.75	3.0	0.0	1.8	79	4.5	6.3	3.0	187	609	80	-1.0	-2.5	-1.0	-1.1	H0.3	-1.2	P1.0	S1.0	-0.5	-0.7	-1.2	-0.2	S0.7	W0.3	L1.4	W1.3	C0.1	-4.0	
2.93	2.9	-1.1	-0.8	72	-0.3	0.6	9.0	12	44	88	1.0	1.6	0.5	0.3	H0.3	0.7	P0.6	S1.3	2.7	1.1	0.0	-0.4	S2.3	W0.1	L1.6	W1.6	C0.4	8.4	
3.08	1.6	-0.6	2.1	76	6.3	6.7	3.3	90	268	79	-0.4	1.3	0.2	0.1	L0.3	0.3	S0.9	S0.7	-1.4	-1.6	-0.4	-0.3	D0.5	C0.2	L0.2	C0.2	C1.1	-9.5	
2.81	0.0	0.6	1.7	81	2.3	3.8	2.3	170	540	89	-0.5	-0.7	0.4	-0.6	L0.1	-0.1	P0.3	S0.6	-0.3	-0.7	-0.8	1.5	S0.9	C0.8	L0.4	C0.7	B0.7	0.7	
2.80	0.3	0.0	0.8	79	2.6	0.7	4.2	128	331	81	-1.3	-0.8	-0.5	0.1	L2.1	-1.0	S1.2	L1.2	-3.4	-0.8	-0.8	0.7	D1.9	C0.8	S0.1	C1.6	C0.7	-10.6	
2.83	4.7	0.6	3.3	75	4.1	1.4	8.6	3	31	87	0.0	-0.9	-1.2	-0.1	L1.3	-1.9	P0.3	L0.4	-0.1	0.8	-0.6	-0.6	S1.1	W1.1	L0.2	W0.8	B0.4	3.7	
2.82	2.8	0.1	3.4	75	4.3	4.4	3.9	0	0	74	-0.2	-0.1	-0.1	-0.1	H0.9	0.4	S0.2	S1.4	1.8	-0.2	-0.2	-0.6	S2.4	C0.7	S0.3	C0.3	C0.3	6.4	
2.85	1.8	-0.5	3.4	72	4.8	2.6	2.3	56	77	78	-1.6	-2.0	-1.2	-0.6	H0.4	-1.2	S0.9	L0.5	-3.1	-2.2	-1.7	-0.2	D1.3	W1.7	S0.2	W1.1	C1.3	-16.5	
3.03	2.7	-0.9	-1.5	73	0.4	3.5	8.5	7	15	84	1.4	0.8	1.1	0.8	H0.4	1.1	S0.3	S0.7	2.6	1.1	0.7	0.5	S0.6	C1.0	L0.6	C0.6	C0.8	7.3	
3.11	3.2	-0.5	1.3	85	3.0	2.8	7.5	36	198	96	1.1	1.3	0.2	0.7	H1.0	0.4	P1.3	S1.5	2.2	1.0	0.0	-0.3	S1.6	C0.6	S0.8	C0.3	C0.4	9.5	
2.77	5.1	2.5	-2.2	74	-1.1	0.4	8.6	5	22	86	0.5	-1.1	0.6	0.4	H0.3	0.7	P1.3	S0.7	0.8	0.0	1.1	-0.3	D0.9	C0.2	S1.4	C0.1	B0.7	2.0	
2.99	2.2	-1.4	1.6	74	2.2	3.5	9.6	14	80	92	0.9	3.0	0.2	0.2	H0.7	0.8	P0.6	S1.5	3.3	1.2	-0.8	0.4	S3.9	W0.1	L0.8	W0.8	B0.2	14.7	
2.94	1.8	0.6	1.5	85	4.0	4.7	8.6	29	108	93	0.4	0.5	0.4	0.4	H1.5	0.9	S0.7	S0.4	1.0	0.1	0.2	0.3	S1.4	C1.4	0.0	C1.4	B0.4	6.1	
2.98	1.1	-1.9	2.2	75	3.3	0.1	2.9	111	201	80	-0.5	0.0	-0.1	0.4	H2.4	0.3	P1.3	S0.8	0.4	0.3	0.5	-0.9	S1.2	W0.5	S0.4	W1.0	C0.2	2.9	
3.05	3.8	-0.1	-0.4	96	0.3	2.9	9.5	130	965	99	1.5	0.9	-0.7	1.7	L0.8	-0.5	P1.1	S1.2	0.8	1.8	1.6	0.3	S0.2	C0.4	S0.5	C1.2	B0.2	8.7	
2.92	0.9	-0.5	2.3	81	1.1	1.3	2.9	195	679	84	-0.5	-0.6	0.0	0.3	L1.3	-0.3	0.0	L0.7	-1.8	-1.1	-0.7	-0.8	D1.0	C0.1	S0.6	W0.8	C1.9	-10.7	
2.92	3.5	0.4	-1.3	82	-0.6	1.2	8.7	12	44	90	1.6	0.6	0.5	1.0	L1.6	-0.2	P0.2	0.0	0.6	1.4	1.1	0.8	S0.1	C1.2	S0.4	C1.7	C0.4	6.7	
2.62	2.8	0.1	-1.2	87	0.6	6.4	10.1	55	255	95	1.9	1.5	-0.2	1.6	L0.4	0.5	S0.6	L0.1	2.6	1.7	0.7	0.6	S1.9	C2.1	S1.0	C1.3	C1.1	13.2	
2.81	1.3	-2.1	-1.9	83	-1.9	1.3	9.5	24	60	90	0.2	-0.2	1.3	-0.5	H0.8	1.4	P0.9	L0.2	1.3	-0.9	-0.5	0.1	0.0	C1.3	S0.5	C0.9	C0.6	-0.4	
3.07	1.9	1.6	-1.6	89	-0.5	1.0	7.5	37	176	96	0.3	-0.1	-1.3	0.7	L2.3	-1.3	S1.5	L1.5	0.0	1.1	-0.1	0.6	S0.7	C2.3	S2.4	C2.3	C1.3	6.9	
2.80	3.5	1.6	3.3	78	3.8	-0.4	7.6	17	30	87	0.8	-0.2	-0.3	0.5	H1.1	0.4	P0.3	S0.4	1.6	0.8	-0.2	0.5	S1.2	0.0	L0.7	C0.2	0.0	6.5	
2.98	1.5	0.1	4.3	80	4.0	2.0	2.4	166	561	80	-1.0	-1.4	0.5	-1.2	H1.2	0.2	P0.6	S0.6	0.7	-0.8	-0.8	-2.1	D0.5	W2.8	S0.2	W3.6	C0.1	-5.7	
3.05	1.1	-4.4	-1.2	74	-0.6	2.3	7.3	3	12	83	0.9	1.8	0.5	0.8	L1.0	0.3	P0.2	S0.2	1.3	0.9	-0.2	-0.2	S1.2	W0.1	S0.6	W0.6	C0.5	6.2	
2.80	2.1	-2.2	1.2	80	4.0	4.6	3.7	183	895	81	-0.8	-1.6	-0.4	-0.6	H2.4	-0.4	0.0	0.0	0.2	-0.7	0.1	-0.5	S0.7	W1.3	S0.4	W1.1	B0.6	-0.3	
3.20	1.7	-1.6	-2.1	79	-1.9	-0.8	8.8	10	153	95	0.8	2.9	1.1	1.7	L0.8	0.8	S0.4	L0.2	0.0	1.6	0.8	0.2	D0.3	W1.5	L1.0	W1.6	C0.1	2.1	
2.98	5.3	0.9	-1.1	83	0.5	2.7	8.6	20	324	97	0.6	-1.3	-2.2	1.2	L0.2	-2.2	S1.3	L0.1	0.7	2.6	-0.5	0.6	S1.7	W1.4	L0.9	W1.8	B1.0	11.3	
2.86	2.3	-1.4	2.3	72	2.7	1.5	3.1	53	77	80	-1.4	-1.9	-0.4	-0.7	L0.3	-0.9	S0.1	L0.7	-1.4	-1.2	-1.4	-1.0	0.0	W1.9	S0.3	W1.6	C1.2	-8.9	
2.78	2.0	0.0	3.7	75	4.0	3.3	1.9	147	319	78	-1.6	-1.5	-0.8	-0.7	L1.1	-1.5	S0.5	L1.2	-2.1	-1.8	-1.8	-0.1	D0.3	W1.5	S0.3	W1.1	C0.6	-10.8	
2.97	1.9	0.7	0.2	72	-1.2	1.2	8.3	2	5	82	0.7	1.1	0.9	0.8	H1.0	1.1	P0.1	0.0	0.8	0.1	-0.1	0.1	D0.2	C0.7	S0.3	C0.7	C0.5	1.2	
2.92	1.1	-0.6	0.6	86	1.1	3.1	9.0	7	55	92	-0.1	0.3	0.9	-0.5	L0.7	0.3	S0.2	S0.8	0.5	-1.4	-0.6	0.3	S0.3	C1.3	S0.6	C0.9	C0.6	-2.4	
3.00	1.6	2.7	0.8	88	1.0	1.7	8.1	45	378	97	0.6	-0.4	0.5	0.7	L0.8	-0.2	S0.8	L0.7	-0.1	1.1	0.6	1.0	D0.5	W0.2	S0.2	W0.2	C0.1	2.5	
2.77	3.8	-1.3	2.5	82	2.4	2.5	4.2	201	855	82	-0.6	-1.0	-0.7	-0.9	H1.0	-0.8	S0.2	S0.7	1.0	-0.3	-0.6	-0.2	S2.9	W2.0	S0.3	W2.0	B0.2	4.8	
3.02	4.0	0.4	0.0	85	0.4	2.1	8.3	21	204	96	0.9	-2.0	-1.2	1.6	H1.0	-1.1	S0.3	L0.1	-0.2	1.3	1.0	1.1	D1.1	W0.8	L1.0	W0.5	B0.7	1.7	
2.78	2.5	0.1	1.4	85	1.5	3.0	5.9	13	54	90	0.1	-2.1	-0.1	-0.3	L0.2	-0.4	P0.5	L0.3	0.0	1.0	0.7	-0.8	D1.1	W1.6	L0.4	W2.3	B0		

Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
December 2021

ST	Name of Bull	Registration Number	GT	BBR	JH1	JNS	NAAB Code	JPI	No. Hds	No. Daus	REL %	% Milk	% Fat	% Fat	% Prot	Prot	CM\$	NM\$	FM\$
A	RIVER VALLEY MAC MOVER-ET	USA 075341176	99K	100	F	F	200JE10033	67	5	46	90	-88	0.17	31	0.07	12	314	305	235
F	ISDK VJ HOEHOLT PICK PEREZ	DNK 000304130	50K	100	F	F	236JE212	65	422	1,506	90	-1030	0.40	32	0.25	12	252	226	23
A	JX WILSONVIEW SWORD MAGNET (6)-ET	USA 119465129	99K	100	F	F	7JE1532	62	27	52	91	1191	-0.11	34	-0.08	25	319	328	383
F	ISDK VJ DONGSGAARDEN HUPI HUCK	DNK 000304157	50K	100	F	F	236JE221	60	80	131	87	-658	0.29	28	0.18	14	222	198	34
A	JX SEXING DAYBREAK CHICO (6)-ET	840003132349950	99K	100	F	F	551JE1668	59	10	38	89	630	-0.09	11	0.03	30	285	281	232
A	JX FARIA BROTHERS LEWANDOWSKI (4)-ET	840003140305997	99K	100	F	F	551JE1712	59	4	15	85	444	0.07	36	0.04	24	396	391	342
F	ISDK VJ HOEHOLT GALVANIZE GAZZ	DNK 000304165	50K	100	F	F	236JE225	59	62	123	88	66	0.16	37	0.08	20	297	286	201
A	AHLEM AXIS DAGGAR 22486	USA 073409447	99K	100	F	F	203JE1620	58	52	826	99	-4	0.07	14	0.07	14	247	239	173
A	OAK LANE COMANCHE COHORT-ET	USA 067742177	99K	100	F	F	97JE169	57	65	287	95	456	-0.02	17	0.03	24	283	281	239
A	ISDK VJ LINK	DNK 000303327	50K	100	F	F	236JE155	57	1,490	8,143	95	-723	0.22	11	0.08	-11	184	176	122
A	HILMAR CALYPSO CHEWBACCA (5)	USA 119552708	29K	100	F	F	100JE7374	56	16	87	93	1030	-0.18	10	-0.07	23	233	235	267
A	JX WILSONVIEW SWORD MULTIPLY (6)-ET	USA 119465110	99K	100	F	F	97JE152	53	8	108	95	816	-0.03	33	-0.04	20	282	286	309
A	GOLDEN DREAM AMERICAN PHAROAH-P	USA 172553124	45K	100	F	F	566JE106	53	15	27	87	-170	-0.03	-15	0.06	7	182	174	116
F	ISDK VJ HIHL	DNK 000303812	50K	100	F	F	236JE162	53	765	2,735	91	-906	0.29	15	0.20	7	133	109	-57
A	ISDK VJ HAGENBERGGAARD HITMAN (5)	DNK 000304254	50K	100	C	F	236JE231	53	784	4,280	94	-1637	0.35	-10	0.23	-14	91	70	-94
A	MFW ALTACHIVE-ET	USA 119691058	99K	100	F	C	11JE1326	50	42	512	98	771	-0.08	19	0.01	31	327	235	202
A	JX FARIA BROTHERS CAVANI (4)-ET	840003140306014	99K	100	C	F	551JE1714	50	5	20	86	39	0.17	38	0.07	16	327	318	248
A	ISDK VJ KROGAARD RODME QUINTANA	DNK 000304301	50K	100	F	F	236JE247	50	782	4,262	92	-921	0.39	35	0.17	0	203	184	50
A	RIVER VALLEY CIRCUS CRAZE-ET	USA 075341001	99K	100	F	F	777JE10001	49	433	6,175	99	45	0.08	19	-0.02	-2	292	293	308
A	WILSONVIEW IF MATT-ET	USA 118367941	80K	100	F	F	7JE1344	48	588	4,487	99	8	0.03	7	0.02	5	199	196	173
A	SUNSET CANYON DENMARK-P-ET	USA 119872521	29K	100	F	C	100JE7391	47	29	110	94	-359	0.23	31	0.10	7	238	225	137
A	BW CITATION A-ET	USA 118367576	80K	100	C	F	505JE125	47	244	1,305	99	-103	0.03	1	-0.02	-8	258	260	283
A	SUNSET CANYON MIRROR-ET	USA 118808990	13K	100	F	F	203JE1638	46	73	1,006	99	-697	0.28	23	0.14	3	209	196	84
A	TOG ZORRO-PP-ET	840003125202110	13K	100	F	F	54JE626	46	6	38	89	-925	0.23	1	0.09	-15	206	194	126
A	AHLEM KWYNN CHINOOK 23485	USA 067823485	99K	100	F	C	551JE1700	45	9	49	90	-502	0.13	3	0.08	-1	164	152	80
A	JX BW COUNTDOWN (5)-ET	840003131148667	99K	100	F	F	551JE1667	43	21	245	96	456	-0.08	4	0.02	20	166	162	131
A	JX FARIA BROTHERS KAWHI (4)	840003144723498	99K	100	F	F	97JE180	40	5	11	83	979	-0.09	27	0.02	40	249	238	180
A	SEXING LEMONHEAD DOYLE-ET	840003132348057	99K	100	F	C	551JE1698	39	7	30	87	116	-0.05	-6	0.00	4	168	166	161
A	ISDK VJ HOEHOLT HILDE HUZAR	DNK 000303788	50K	100	F	F	236JE253	38	494	2,456	92	-1635	0.41	1	0.18	-25	77	62	-53
A	JX TLJ NXLEVEL BUSTER (5)	USA 067300610	29K	100	F	F	100JE7399	37	6	21	85	559	0.00	27	0.01	23	241	243	221
A	SUNSET CANYON MAID-RITE-ET	USA 119714531	29K	100	F	F	100JE7382	37	29	119	94	-1003	0.41	34	0.17	-2	155	139	7
F	ISDK VJ SOLBAKKEN HALEY HIRTS	DNK 000304552	50K	100	F	F	236JE4552	35	185	667	88	-1735	0.51	15	0.28	-8	96	69	-140
A	JX BW VALIANT (5)	USA 119427851	29K	100	F	F	505JE126	34	28	303	97	788	0.03	44	0.01	30	212	207	175
A	JX FARIA BROTHERS PINSON (5)-ET	840003132351602	29K	100	F	F	551JE1690	33	6	121	94	300	0.04	24	0.06	23	159	149	81
A	HILMAR PAUL RANCHO (5)	USA 118378707	8K	100	F	F	147JE6220	32	7	60	92	-2	0.17	36	0.09	20	176	165	73
A	JX SEXING WALTER CRANSTON 60790 (5)	840003010364537	50K	100	F	F	551JE1642	32	8	42	89	33	0.19	42	0.08	19	219	207	120
A	STEINHAUERS SAMSON LEMONHEAD	USA 118662185	80K	100	F	F	14JE670	32	1,219	11,015	99	-330	0.16	17	0.07	3	156	145	79
A	MULTI-ROSE CREDIBULL COMET-PP-ET	840003014373525	13K	100	F	F	54JE625	31	26	65	89	279	0.07	29	0.00	11	191	189	176
F	SUNNYDAWN OLYMPIAN	GBR 000055862	8K	100	C	F	224JE2370	31	58	173	84	-826	0.20	1	0.11	-7	90	77	-9
A	JER-Z-BOYZ CRIS (6)-P-ET	USA 118125701	50K	100	C	F	203JE1388	30	124	1,436	99	-731	0.18	1	0.06	-14	117	112	74
A	TATE BENEFACTOR SAVIOR-ET	840003006436157	29K	100	F	F	147JE6227	29	2	46	90	1086	-0.15	18	-0.07	25	154	155	187
A	KASH-IN SOLAR-PP-ET	840003126234075	99K	100	F	F	7JE1499	29	120	383	97	-16	0.14	30	0.10	21	193	183	86
A	CRF LEGAL PROMISE	USA 117722352	50K	100	F	C	203JE1347	29	236	3,582	99	-840	0.13	-14	0.10	-11	83	76	10
A	DUTCH HOLLOW VOLCANO CHARLES	840003008461617	50K	100	F	F	151JE19	25	92	728	99	696	-0.05	23	-0.03	20	115	116	120
A	ISDK Q IMPULS	DNK 000301592	HD	100	F	F	236JE3	23	3,378	32,852	99	-510	0.17	11	0.11	5	38	29	-64
A	SUNSET CANYON DAUPHIN-ET	USA 119244292	13K	100	F	F	147JE6225	22	3	51	93	-27	0.29	60	0.10	21	210	197	94
A	PINE-TREE KWYNN CUATRO-ET	USA 067731388	29K	100	F	F	566JE104	21	12	24	86	-629	0.12	-5	0.08	-6	84	74	10
A	HEARTLAND IRWIN TEXAS-ET	USA 067312531	80K	100	F	F	7JE1354	20	675	7,181	99	53	-0.13	-26	0.00	3	102	102	96
A	ELLIOTTS REGENCY CASINO-ET	840003125141657	50K	100	F	F	14JE725	19	665	3,348	99	-434	0.09	-2	0.12	9	102	92	-8
A	HILMAR PAUL BRONCO (5)-ET	USA 118381604	80K	100	F	F	147JE6219	18	7	90	94	265	0.06	26	0.06	23	120	112	43
A	JX WILSONVIEW MARVEL SOUL (4)-ET	USA 118313166	8K	100	F	F	203JE1422	16	24	207	96	19	0.06	14	0.00	1	122	123	123
F	ISDK VJ JANUS	DNK 000303458	50K	100	C	F	236JE168	14	76	159	88	-1430	0.34	-2	0.16	-20	-26	-40	-148
A	ISAU BUSHLEA PN VIRAL-ET	AUS 000705410	99K	100	F	F	200JE8187	13	181	387	93	-877	0.25	9	0.11	-9	82	77	4
A	HILMAR SPARKY ATLAS (5)-ET	USA 119268647	29K	100	F	F	100JE7367	12	6	35	90	32	0.04	11	0.03	7	81	79	54
A	ST-LO PRESTO-ET	CAN 110150638	99K	100	F	F	97JE187	11	3	25	85	-780	0.08	-21	-0.01	-30	36	34	57
A	RIVER VALLEY CECE CHOICE	84000313234718	99K	100	F	F	200JE10027	9	98	459	97	-58	0.05	8	0.00	-3	114	112	114
A	ISNZ OKURA LIKA MURMUR S3J (5)	NZL 000306549	29K	100	F	F	97JE6549	8	4,513	43,236	98	-751	0.15	-5	0.12	-3	-24	-34	-125
F	ISDK VJ RODME NYGAARD RODME	DNK 000303952	50K	100	F	F	236JE169	6	905	3,821	90	-1048	0.34	19	0.16	-6	15	-1	-122
A	DUTCH HOLLOW OLIVER-P	USA 067184544	50K	100	F	F	7JE1219	5	1,297	10,177	99	290	0.00	15	-0.04	2	89	93	124
F	ALL LYNNS VERNON MACARTHUR-ET	USA 118612153	80K	100	F	F	202JE601	0	24	33	85	-501	0.17	12	0.06	-6	0	-2	-40
F	ISNZ BRAEADENE PAS TRIPLESTAR	NZL 000313516	50K	100	F	F	97JE13516	-2	912	6,396	72	-1559	0.44	12	0.23	-11	-92	-109	-271
A	RIVER VALLEY VICTORIOUS-ET	840003126479524	99K	100	F	F	7JE5032	-5	388	1,632	99	-743	0.17	-1	0.11	-5	-25	-34	-115
A	SUNSET CANYON MEGATRON-ET	USA 117763696	50K	100	C	F	147JE6209	-7	127	1,976	99	21	0.27	59	0.06	14	58	54	-3
F	GLANMOR BELMONT WELSH WIZARD	GBR 000055719	8K	100	F	F	224JE2293	-7	98	245	84	-733	0.12	-11	0.04	-19	-68	-70	-85
F	ISNZ RIVERINA RONALDO CHAMP	NZL 000314516	50K	100	F	F	97JE14516	-12	197	991	64	-1732	0.45	4	0.25	-14	-166	-186	-362
F	RIBBLESDALE BEAUMONT	GBR 000055792	63K	100	F	F	224JE2336	-17	85	243	86	-1549	0.42	8	0.17	-23	-148	-160	-267
F	LAMARIA WILBERT-ET	CAN 109960092	99K	100	F	F	551JE1693	-19	19	33	85	-32	0.00	-2	-0.02	-6	-45	-43	-21
A	ENNISKILLIN ENGINEER 401	CAN 012038719	99K	100	F	F	224JE2479	-24	93	220	89	-1341	0.26	-14	0.07	-36	-79	-77	-90
F	ISNZ GLEN LEITH DEGREE OMNIBUS	NZL 000314502	50K	100	F	F	97JE14502	-25	198	943	77	-1218	0.33	7	0.11	-22	-209	-214	-278
F	CLOONEY CONQUERER-ET	GBR 000055781	8K	100	F	F	224JE2329	-36	56	166	84	-961	0.19	-8	0.08	-19	-218	-225	-272
F	POTTERS WALLS STARBUCK	GBR 000055607																	

Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI December 2021

SCS	PL	LIV	DPR	DPR REL	CCR	HCR	EFI	Type Hrd	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
2.95	1.9	-0.3	-1.1	74	-0.3	0.1	8.3	3	21	86	1.8	1.5	-0.1	1.9	H1.3	1.2	0.0	S1.1	3.6	2.2	0.6	0.7	S3.6	C1.0	S0.7	C1.1	C0.1	20.1
2.91	1.0	-1.9	1.7	81	1.2	-1.6	4.6	199	714	82	-0.6	-0.1	-0.3	-0.5	H1.2	0.5	P0.6	S0.2	0.9	-0.4	-0.7	-0.6	S1.9	W1.0	S0.1	W0.8	C0.5	2.0
3.16	1.6	1.6	-1.2	75	-0.2	1.6	7.8	11	18	85	-0.2	-1.1	-0.5	0.6	L0.6	-1.3	S1.3	L1.6	-2.3	0.1	0.5	0.7	D2.1	W0.4	L0.3	W0.1	B0.4	-6.5
2.79	1.4	1.0	1.5	71	3.3	0.6	3.9	41	72	79	-0.5	0.2	1.5	-1.7	H1.6	1.1	P0.8	S0.6	0.1	-1.9	-1.2	-0.4	S0.7	W1.3	S0.3	W2.0	C0.1	-5.8
3.10	1.7	0.2	-1.6	75	-1.1	0.9	9.5	4	15	85	0.2	-2.2	-1.3	0.2	L0.1	-1.5	P0.5	L0.2	-0.5	0.2	-0.6	0.3	S0.4	W0.9	S0.2	W0.4	0.0	0.4
3.03	3.2	-0.3	-3.7	69	-4.2	-1.3	6.6	0	0	78	1.2	-0.4	-0.7	1.1	H1.0	-0.1	P0.9	S0.6	2.5	1.9	0.0	-0.4	S2.5	W0.1	L1.5	W0.5	B0.6	13.0
2.97	0.9	0.4	-0.2	76	-0.9	-0.8	6.7	33	64	81	0.3	-0.3	-0.2	-0.1	L1.1	0.3	S0.3	S0.1	-0.1	0.4	0.2	-0.8	D0.1	W2.0	L0.8	W2.0	0.0	-1.7
2.99	2.5	1.5	0.3	92	0.4	2.2	9.5	25	431	98	0.9	2.8	-0.2	-0.1	L1.3	1.0	P1.1	S1.4	2.9	0.8	-0.7	-1.7	S4.2	W1.1	S1.3	W2.0	C1.0	12.1
3.19	2.7	1.4	1.0	83	1.8	4.0	9.9	31	63	88	0.8	3.6	0.9	1.3	L0.9	1.1	P0.4	S1.0	0.9	-0.3	-0.3	0.1	S1.6	C1.1	S0.9	C1.3	C1.5	3.0
2.87	2.6	2.7	3.2	87	5.5	4.9	2.6	617	3,653	89	-1.0	-1.3	-0.8	-1.1	H0.4	-0.9	P0.4	S0.8	-2.1	-1.4	-1.2	0.1	S0.4	W1.0	S0.4	W0.6	C0.8	-8.0
2.85	1.2	-1.9	0.3	77	1.7	1.4	7.3	5	32	86	1.1	1.5	0.0	1.5	H0.3	0.6	S0.6	S0.7	2.2	2.6	0.4	-0.7	S2.0	W0.2	L0.8	W1.2	B1.1	14.6
3.07	1.3	-0.2	-2.4	84	-2.5	1.6	8.5	3	43	89	0.5	-1.6	-0.3	0.3	H1.1	-0.3	P0.7	S0.3	1.2	0.5	0.4	-0.1	S0.6	C0.3	L0.3	C0.5	B1.4	6.4
2.95	3.3	2.7	3.1	72	3.9	3.0	8.5	5	12	83	0.5	0.7	0.2	-0.6	H0.7	0.6	P0.8	S0.6	1.9	0.8	0.0	-0.3	S1.6	W0.5	L0.2	W1.0	0.0	7.2
2.80	0.1	-2.3	3.6	84	3.4	2.9	4.1	271	1,029	83	-1.0	0.9	0.4	-0.5	L0.8	0.3	S0.1	L0.5	-0.8	-0.9	-1.8	-0.6	S2.0	W1.2	L0.8	W1.7	C1.2	-4.3
2.97	2.0	0.6	5.4	83	5.9	3.1	3.4	272	1,886	89	-0.5	-0.7	-0.8	-0.8	0.0	-1.0	P0.3	S0.5	0.9	-0.4	-1.8	-0.2	S3.5	C0.2	L0.1	C0.8	B0.2	6.9
3.11	1.0	-1.8	-0.8	88	0.3	2.7	10.1	16	76	91	1.3	1.5	1.0	0.8	H0.7	1.1	P0.9	S1.3	1.5	1.4	0.7	1.7	S1.9	C0.9	L0.1	C1.4	B1.4	13.4
2.97	2.5	0.0	-2.0	73	-2.1	1.0	8.2	1	6	81	0.9	1.1	0.2	1.0	L0.8	0.2	P1.1	S0.4	0.9	0.8	0.4	0.1	S1.0	W0.6	L0.2	W0.5	C0.8	3.9
2.84	1.0	-0.8	1.4	83	3.9	0.7	3.7	283	1,777	83	-0.5	1.8	0.4	0.1	L0.7	1.2	S1.2	L0.9	-0.1	0.2	-0.5	-0.4	S1.7	W0.2	L2.1	W1.3	C0.6	-0.2
2.97	3.4	2.4	0.3	97	0.7	-0.2	9.4	288	2,939	99	2.0	1.4	-0.6	1.8	H0.8	0.5	S0.5	S1.0	2.0	2.7	0.3	2.0	S3.1	C0.6	L3.2	C1.6	B1.0	16.9
2.97	2.1	1.4	0.7	98	0.3	3.5	10.2	336	1,265	98	0.8	0.3	-0.1	0.5	H0.1	-0.4	S1.2	L0.1	1.7	0.3	0.4	0.3	S1.6	C2.2	S0.4	C1.4	C0.5	7.4
2.85	0.9	-0.1	-2.3	80	-1.8	0.1	7.3	22	70	91	1.1	1.0	-1.0	1.2	H0.2	0.3	S1.5	0.0	2.1	0.8	-0.8	0.2	S3.4	C0.7	S1.5	C0.6	C1.2	11.8
2.98	5.9	3.7	0.6	96	1.3	3.1	9.6	180	940	99	0.8	0.8	-0.5	-0.1	H0.2	-0.4	P0.6	S0.3	3.2	0.7	0.1	-1.6	S3.3	C1.3	S1.4	W0.3	C1.5	11.6
2.99	2.0	2.1	2.0	95	1.3	-0.1	8.3	56	617	99	0.3	1.3	1.0	0.1	L0.1	1.2	P0.5	S0.8	1.0	0.2	-1.6	0.2	S1.5	W1.6	L1.5	W1.8	C1.0	0.5
2.76	5.2	1.7	2.6	74	2.7	0.5	8.2	8	33	87	0.6	1.1	0.3	0.2	H0.4	0.2	P0.7	S1.5	0.7	0.7	-0.7	0.9	S2.1	W0.9	L0.5	W0.4	B0.4	6.9
2.81	2.4	1.0	0.8	75	1.2	2.1	9.5	6	23	85	1.4	1.1	0.2	0.8	H0.3	0.7	P0.6	S0.8	2.1	0.8	0.2	0.6	S2.5	C1.6	S2.1	C1.7	C1.5	11.3
2.96	1.8	-1.2	0.7	84	1.6	3.6	8.0	7	109	93	-0.3	1.3	0.5	-0.1	H0.2	0.1	S0.1	L0.5	0.4	-0.8	-0.5	-0.3	S1.5	C1.0	L0.2	0.0	C1.2	-0.9
2.75	0.6	-3.4	-5.2	70	-4.4	2.2	7.9	2	3	80	0.7	0.3	0.9	0.6	L0.3	0.0	0.0	S0.4	0.5	0.1	0.5	0.5	D0.4	C1.0	0.0	C0.9	C0.9	0.0
2.92	2.4	0.6	1.0	74	1.2	0.9	9.8	5	13	83	1.7	1.2	-0.4	1.2	H0.3	0.5	P0.6	S1.2	2.6	1.7	1.3	1.4	S2.5	C1.6	L0.3	C1.7	B0.2	15.4
2.93	2.4	1.3	4.2	80	5.8	5.0	2.0	221	1,064	83	-0.2	-0.4	-0.1	-1.1	H1.1	0.5	P0.2	S0.8	2.5	0.3	-0.2	-1.1	S3.5	W0.5	S0.5	W1.2	B0.1	10.4
3.24	1.2	-0.2	-0.8	70	-0.8	1.5	7.9	1	2	80	0.7	2.3	0.4	1.1	L2.2	0.2	P0.2	0.0	-0.4	1.2	0.3	-0.2	S0.7	W0.3	0.0	W0.9	C0.9	2.4
2.98	0.6	0.3	0.6	81	0.6	2.6	7.9	17	62	90	-0.4	-0.1	0.4	-0.6	H0.2	0.1	S0.7	L0.3	0.5	-1.0	-0.8	-0.3	D0.7	C0.1	0.0	W0.2	C0.6	-4.7
2.89	0.0	0.3	1.3	76	1.1	-2.7	2.2	98	322	79	0.0	1.2	-0.1	-0.6	H0.7	0.3	P0.1	S1.1	3.6	0.9	0.2	0.0	S5.4	C1.2	L0.6	C0.7	0.0	18.0
2.92	-0.4	-1.7	-3.6	86	-4.1	-1.3	7.4	15	243	96	0.3	0.6	1.5	-0.6	H1.0	0.9	P0.6	L0.2	1.3	-0.2	0.4	-0.5	S1.3	W1.1	L0.7	W1.7	B0.3	2.2
2.91	0.2	-0.8	-1.5	73	-0.8	-1.2	7.0	3	80	92	0.5	3.1	1.0	-0.5	H0.1	1.6	P0.5	S1.1	2.4	0.2	-1.0	-0.5	S3.1	W0.9	L1.0	W1.0	0.0	7.8
3.04	-1.1	-1.7	-2.0	79	-2.8	-0.6	8.1	4	21	85	0.3	1.5	0.1	1.3	L0.6	-0.6	S0.6	S0.2	-1.3	-0.1	0.8	0.9	D1.3	C0.7	L0.2	C1.1	C0.1	-3.7
2.90	-1.1	-2.8	-2.5	75	-4.0	-3.1	8.4	4	25	85	1.1	0.0	-0.1	1.0	H0.9	0.3	P1.0	S0.3	1.7	1.2	0.9	-0.2	S0.7	W0.2	L0.8	W0.3	B0.2	6.8
2.83	1.4	0.0	0.5	99	1.5	0.0	9.0	593	4,218	99	1.1	3.1	0.1	0.2	L0.7	1.4	S0.3	S0.8	1.7	0.8	0.3	0.4	S2.5	C1.6	L1.0	C0.7	C1.3	7.6
2.97	0.8	-0.4	-2.7	74	-3.0	-0.6	7.2	8	29	86	0.4	-1.2	-0.2	-0.3	H0.1	0.0	S0.4	L0.2	1.5	0.8	-0.8	0.0	S1.9	W0.4	L0.5	W0.4	B1.1	8.8
2.89	1.4	-0.7	1.8	76	3.0	1.7	6.7	22	58	77	0.3	-1.6	-0.8	-0.6	H0.4	-0.5	P0.4	S0.1	-0.1	0.1	-0.5	-0.4	S0.6	W1.1	L0.4	W1.3	0.0	-0.3
2.96	3.3	1.4	1.8	96	2.2	-0.8	8.4	68	653	99	-0.7	-2.6	-0.8	-1.0	H0.3	-0.8	S1.5	L0.8	0.0	-0.8	-2.0	0.3	S1.9	W0.5	L1.1	C0.8	B0.4	0.8
2.88	0.0	-1.5	-0.8	75	0.2	-0.3	7.8	1	36	88	0.6	2.4	1.1	1.3	H1.1	1.5	S0.7	S0.5	-0.4	0.5	1.0	-0.1	D0.7	W1.1	L2.3	W1.1	B0.7	-2.8
3.10	-0.2	-1.6	-1.8	88	-1.6	-0.5	8.8	48	163	95	0.7	2.0	-0.4	1.4	H0.5	0.9	S1.0	L1.0	0.2	0.2	-0.2	0.4	S1.1	C0.4	S0.3	C2.3	C1.2	2.4
3.01	2.1	4.2	1.3	98	0.5	3.2	9.0	142	1,394	99	0.4	-2.6	-0.3	-0.5	H0.3	-0.7	P0.3	S0.2	0.1	-0.3	-1.0	1.9	S1.9	C2.0	S0.5	C3.5	C0.5	5.3
3.00	-1.3	-4.7	-2.1	93	-0.6	-1.3	8.7	48	311	97	0.2	-0.7	-0.2	0.4	H0.8	-0.4	S0.7	L0.7	1.4	0.5	0.1	-1.5	S0.5	C0.2	L0.1	W0.5	C0.3	3.2
3.08	-1.0	-0.8	0.0	99	2.5	-0.5	5.6	1,498	17,910	99	-1.1	-1.1	0.0	-0.6	L0.1	-0.6	P0.2	L0.1	-1.2	-0.6	-1.8	-0.9	D1.0	W1.3	S0.1	W2.1	C0.5	-8.0
2.97	-1.9	-2.8	-4.7	78	-4.5	-1.0	7.8	1	33	89	-0.4	0.2	0.5	1.1	H0.8	0.3	P0.2	L0.1	-0.7	-0.6	0.9	-0.1	D1.9	W0.4	L1.4	W0.2	C0.1	-7.8
2.87	2.2	1.0	0.0	72	0.3	1.6	8.2	2	9	83	1.4	0.7	0.2	0.5	H0.4	0.8	S0.1	S0.3	2.9	1.1	0.3	0.5	S2.6	C1.8	S1.7	C1.5	C0.5	14.6
3.02	2.7	-0.9	-1.5	99	-1.9	2.6	9.0	383	2,133	99	1.9	-1.3	-1.2	1.4	H0.3	-0.8	P0.6	S0.3	2.4	3.1	1.1	0.8	S2.9	C1.1	S0.5	C1.8	B0.7	21.2
3.09	1.4	0.5	-0.1	95	0.3	1.1	9.1	443	1,696	99	1.9	2.3	1.0	1.3	H1.0	1.4	P0.3	S0.6	2.5	1.6	0.7	1.7	S1.8	C2.6	S1.2	C3.6	C0.1	15.9
3.03	-1.4	-1.7	-3.1	83	-3.8	-1.4	8.5	4	41	89	-0.2	0.0	-0.4	0.6	L0.7	-1.5	S1.3	L0.5	-2.3	-0.4	0.5	0.9	D2.0	C1.1	S0.3	C1.1	B0.4	-6.2
3.07	1.7	2.0	-0.4	86	0.0	-1.2	6.9	10	50	89	0.5	0.2	0.5	0.2	L0.4	0.5	P0.2	L0.4	-0.4	0.3	0.5	0.5	D0.5	C0.6	S0.9	C1.1	C1.0	-0.3
2.96	1.1	-1.3	4.2	75	5.1	5.2	3.9	65	115	80																		