

# Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI August 2020

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	JPI	No. Hnds	No. Daus	REL %	Milk	Fat	Fat	Prot	Prot	CM\$	NM\$	FM\$	GM\$
A	HILLVIEW LISTOWEL-P	USA 067333440	99K	100	F	200JE1045	153	114	1,527	99	1274	-0.04	53	0.01	50	521	495	444	397
A	JX SUNSET CANYON GOT MAID (5)-ET	USA 119407594	99K	100	F	551JE1650	140	76	1,723	99	1615	-0.01	75	0.02	63	580	550	488	407
F	ISDK VJ RAASTRUP HIHL GISLEV	DNK 000304171	6K	100	F	236JE226	133	311	1,109	89	-163	0.25	44	0.14	23	452	400	290	422
F	ISDK VJ OSTERGAARD HJERN HOVE	DNK 000303987	50K	100	F	236JE207	132	222	578	88	-641	0.54	81	0.21	19	482	417	276	428
F	ISDK VJ ADELGAARD HOVE SAMSON	DNK 000304415	50K	100	F	236JE257	124	81	138	86	29	0.26	56	0.11	24	466	425	338	406
F	ISDK VJ AARRE LAPPE LARI	DNK 000304158	50K	100	F	236JE222	124	280	909	89	-188	0.21	35	0.11	17	394	354	268	394
A	JX FARIA BROTHERS MALDINI (4)-ET	840003135124483	99K	100	F	7JE1604	122	19	69	91	524	0.21	71	0.05	31	512	484	426	391
F	ISDK VJ HORN	DNK 000303496	50K	100	F	236JE177	122	62	84	87	-775	0.47	58	0.21	14	413	350	213	395
A	JX RIVER VALLEY TRIUMPH (5)-ET	840003131639877	99K	100	F	7JE5041	119	46	494	98	2380	-0.22	63	-0.07	70	442	442	445	354
A	O.F. BALLISTIC GREG	USA 067198214	99K	100	F	7JE1490	119	42	354	97	1008	-0.06	35	0.04	45	389	365	314	308
A	AHLEM ALTACAJUN-ET	USA 074067726	99K	100	F	11JE1318	116	21	59	90	875	-0.01	40	0.05	44	482	452	389	386
A	CDF IRWIN STEVE	840003006436334	80K	100	C	11JE1259	116	96	1,855	99	333	0.35	91	0.09	31	548	516	445	391
A	JX AHLEM BOUDREAUX STORMCLOUD (4)-ET	USA 074067679	99K	100	F	7JE1540	115	64	625	98	1390	-0.07	52	-0.03	45	464	462	458	421
A	CDF VICEROY-ET	840003002447507	50K	100	F	11JE1179	114	203	4,587	99	893	0.00	43	0.03	40	449	430	387	418
F	ISDK VJ DROSTRUPGAARD LUSAKA	DNK 000304035	50K	100	F	236JE171	111	221	605	89	38	0.31	67	0.12	27	409	363	264	327
A	AHLEM AXIS BANCROFT-ET	USA 073409475	99K	100	F	29JE3991	110	168	1,239	99	936	-0.06	31	0.01	36	413	400	372	375
A	RIVER VALLEY CECE CHROME-ET	840003012423929	80K	100	F	7JE5004	110	508	3,551	99	746	0.03	43	-0.01	25	399	391	377	369
A	DODAN DEW-Z DEWEY-ET	USA 119306240	99K	100	F	200JE1053	109	41	327	97	674	0.13	62	0.10	46	476	431	335	341
F	ISDK VJ KLOVBORG HJORT KLOV (6)	DNK 000304276	50K	100	F	236JE243	108	172	508	88	-107	0.18	33	0.10	17	323	287	210	356
A	AHLEM BOWMAN LANCER-ET	USA 073409435	99K	100	F	29JE3992	107	47	159	95	-183	0.29	53	0.08	10	413	388	333	398
A	JX FARIA BROTHERS POGBA (4)	840003126052088	99K	100	F	7JE1505	105	44	880	98	258	0.11	37	0.13	37	370	322	217	300
A	D&E DIMENSION KELBY-ET	840003131651420	99K	100	F	29JE4060	104	13	20	85	655	0.01	34	0.06	38	349	317	249	319
A	JX AHLEM DETERMIN CHAUNCY (6)	USA 067823330	99K	100	F	7JE1598	102	9	12	82	755	-0.04	27	0.00	27	357	345	323	314
F	ISDK VJ HAUGSTEDGAARD HORST	DNK 000303706	50K	100	F	236JE251	102	72	111	87	-571	0.40	56	0.16	13	373	322	211	334
F	ISDK VJ BLANKE JASON JANKO	DNK 000303787	50K	100	C	236JE252	100	268	646	90	-716	0.32	32	0.15	5	355	307	205	323
F	ISDK VJ HOEHOLT JERN JAMES	DNK 000304302	50K	100	F	236JE248	99	204	611	89	-719	0.40	47	0.17	9	338	285	171	302
F	ISDK VJ GYVELBORG HIHL GYVEL	DNK 000304163	50K	100	F	236JE223	98	328	895	89	-191	0.14	21	0.10	14	333	295	217	336
F	ISDK VJ HJORTVANGS HOLMER HJORT	DNK 000303828	50K	100	F	236JE166	97	340	1,149	90	-50	0.23	47	0.12	23	343	301	210	323
F	ISDK VJ ALSTRUP HICKEY HAMA	DNK 000303968	50K	100	F	236JE178	97	199	485	89	-658	0.30	30	0.14	4	295	258	176	386
A	PROGENESIS MAGNUS-P-ET	CAN 109862276	99K	100	F	200JE1075	96	8	56	89	940	-0.06	33	-0.02	30	321	317	308	262
A	BW BRAVEHEART-ET	840003126536276	13K	100	F	551JE1656	94	10	99	93	356	0.14	48	0.09	32	401	368	296	284
A	BW SOLEIL	USA 117965306	50K	100	C	203JE1366	94	46	668	98	130	0.09	25	0.00	5	325	324	321	360
F	ISDK VJ RONHOLM HICKEY HIAN (6)	DNK 000303933	50K	100	F	236JE167	93	248	601	89	-375	0.15	14	0.13	13	230	190	101	288
F	ISDK VJ LUKOWA	DNK 000303732	50K	100	F	236JE160	93	213	466	88	-1023	0.46	43	0.19	0	287	233	118	297
A	OAKLANE DAZZLER DOORMAN 2125-ET	USA 067742125	99K	100	F	7JE1529	93	41	94	93	-219	0.09	9	0.02	-3	333	321	299	339
A	KASH-IN SALSA-P-ET	840003013871195	99K	100	F	7JE1474	92	35	77	93	862	0.03	49	0.05	43	411	384	325	323
A	CAL-MART CHISEL DREW 4462-ET	USA 067384462	99K	100	F	7JE1545	92	52	150	94	723	0.10	58	0.03	34	389	366	319	266
A	RIVER VALLEY PFENNIG PERFECT FIT	84000300997718	50K	100	F	147JE6213	92	9	132	96	510	0.12	51	0.05	29	352	328	277	322
A	RIVER VALLEY CIRCUS CLOSER-ET	USA 075341010	99K	100	F	7JE5052	92	34	78	92	387	-0.02	14	-0.01	12	296	289	279	317
F	ISDK VJ RAVNINGGAARD HAZARD	DNK 000303970	50K	100	F	236JE254	92	282	897	89	-578	0.40	54	0.16	11	350	305	206	358
A	FOREST GLEN KALAHARI	USA 067650122	99K	100	F	29JE4073	91	9	36	88	154	0.06	20	0.10	28	364	328	248	317
F	ISDK VJ MOSEGAARD HILARIO HAARE	DNK 000304229	50K	100	F	236JE229	91	167	311	88	-47	0.20	40	0.14	27	343	296	193	334
A	PINE-TREE PHARO 1ST DYNASTY-ET	USA 075191049	99K	100	F	7JE1516	91	91	971	99	455	-0.07	7	0.00	16	331	322	306	335
F	ISDK VJ ADELGAARD HIHL HIWE	DNK 000304155	50K	100	F	236JE220	90	299	1,178	89	-696	0.44	57	0.21	18	371	309	172	354
F	ISDK VJ HAUGSTEDGAARD HJERN HOJ (6)	DNK 000303972	50K	100	F	236JE165	90	454	1,807	89	-395	0.23	29	0.14	15	335	288	187	316
A	ISDK VJ HAVDAL LAPPE DEE (6)	DNK 000304164	50K	100	F	236JE224	88	328	973	91	-1677	0.68	53	0.30	-3	367	288	116	314
A	KASH-IN SLUGGER-P-ET	840003126536278	99K	100	F	7JE1526	87	92	341	97	-146	0.42	81	0.17	30	463	411	295	325
A	JX RIVER VALLEY CHECKMATE (5)-ET	840003126479255	99K	100	C	200JE10008	86	35	429	97	1110	0.02	59	0.01	43	355	339	305	257
A	JX FARIA BROTHERS BILL RUSSELL (4)	840003135124397	99K	100	F	29JE4068	86	6	36	89	1087	-0.04	43	-0.02	36	325	316	300	255
A	DP NXLEVEL-ET	USA 119095209	80K	100	F	200JE1035	83	114	1,090	99	670	0.13	62	0.08	43	368	339	270	263
F	ISDK VJ HOEHOLT GALVANIZE GAZZ	DNK 000304165	50K	100	F	236JE225	82	60	120	88	165	0.16	43	0.08	24	341	310	241	279
F	ISDK VJ HAGENBERGGAARD HITMAN (5)	DNK 000304254	50K	100	C	236JE231	82	386	2,237	89	-1275	0.34	7	0.23	0	247	186	50	279
A	WILSONVIEW JEVON MAGNUM-ET	USA 067010044	50K	100	F	203JE927	81	256	7,085	99	693	0.11	57	-0.01	24	259	252	239	238
A	JX CAL-MART HARRIS SILAS (5)	USA 067294362	99K	100	F	97JE145	80	28	254	96	937	0.10	67	0.09	54	429	388	297	255
A	AHLEM DARTAGNAN-ET	USA 067823014	50K	100	F	14JE745	80	8	52	90	917	-0.06	30	-0.01	32	295	285	266	338
A	CLOVER PATCH DAZZLER PERRY	USA 118940962	99K	100	F	7JE1484	80	27	81	93	-169	0.19	31	0.10	14	321	290	222	310
F	ISDK VJ HOEHOLT HILDE HUZAR	DNK 000303788	50K	100	F	236JE253	80	185	441	88	-1234	0.37	15	0.18	-10	272	227	128	314
A	JX BW VALIANT (5)	USA 119427851	29K	100	F	505JE126	77	15	119	94	948	0.04	54	0.00	35	347	333	305	241
A	JX WILSONVIEW SWORD MULTIPLY (6)-ET	USA 119465110	99K	100	F	97JE152	77	4	32	88	748	-0.02	31	-0.04	18	276	283	298	247
A	JX SEXING VALIDATE 60883 (5)-ET	840003010364630	13K	100	F	551JE1643	76	10	60	91	1384	-0.09	47	-0.02	47	345	333	310	203
A	RIALS BALLISTIC VAPOR	USA 119127612	99K	100	F	14JE1502	76	26	49	90	736	0.00	35	-0.02	23	274	270	264	197
A	MISSISKA MACKENZIE-ET	CAN 107987355	80K	100	F	777JE1007	74	343	8,718	99	65	0.31	69	0.14	32	429	384	282	264
A	VERJATIN WESTSTAR-ET	CAN 109411770	99K	100	F	200JE1064	74	61	285	96	634	0.03	38	0.03	29	319	300	261	240
A	ISDK DJ ZUMA	DNK 000302730	50K	100	F	236JE146	74	2,160	21,481	99	-1007	0.24	-1	0.11	-15	174	144	82	237
A	JX FARIA BROTHERS TYWIN (4)-ET	840003011610094	8K	100	F	535JE61	70	4	68	92	539	0.01	28	0.01	23	232	220	195	194
A	JX WILSONVIEW SWORD MAGNET (6)-ET	USA 119465129	99K	100	F	7JE1532	70	24	46	89	1143	-0.10	34	-0.09	21	214	236	285	193
A	RIVER VALLEY CHAR CHANGE UP-ET	840003126479215	99K	100	C	777JE10010	70	75	503	97	561	0.04	36	0.00	21	324	319	306	263
A	ALL LYNNIS SANTANA VANDANA-ET	USA 119035887	99K	100	F	203JE1627	69	19	150	95	436	-0.02	17	0.06	28	313	287	232	200
F																			

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SCS	PL	LIV	DPR	DPR REL	CCR	HCR	EFI	Type Hrs	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
2.69	3.9	1.7	-1.4	93	0.5	1.2	9.2	79	953	99	0.5	-2.1	-0.1	0.6	H0.1	-0.3	P0.1	L0.2	-0.3	-0.1	0.5	0.0	D2.3	C1.5	S1.8	C0.9	B0.6	-1.6
2.67	4.1	-2.8	-3.0	93	-2.5	-0.9	8.7	53	889	99	0.6	-0.1	0.8	0.6	H0.7	-0.2	P0.3	S0.8	0.4	-0.4	0.5	-0.4	D0.6	W0.1	0.0	W0.5	C0.8	-3.2
2.65	3.0	0.8	2.7	79	4.3	4.4	3.7	168	638	81	-0.5	-0.2	-0.4	-0.3	L0.6	0.4	P0.3	L0.1	-0.9	-0.8	-0.3	-0.2	S1.7	W0.4	S1.2	W1.2	C0.6	-1.2
2.82	0.9	0.4	2.3	76	3.7	2.0	2.2	120	296	79	-1.2	0.5	-0.4	-0.8	H0.4	-0.9	S0.1	L0.6	-2.6	-2.0	-0.7	-0.8	D0.5	W0.7	S2.0	W1.4	0.0	-10.2
2.84	3.2	1.6	1.4	71	2.9	2.8	4.3	22	35	78	-0.7	0.5	0.0	-0.4	H0.3	-0.7	P0.2	S0.2	-0.6	-0.5	-0.4	-0.5	S1.0	W1.5	S0.3	W1.0	C0.1	-1.5
2.80	2.8	0.0	2.4	78	5.3	6.9	3.1	143	446	81	-1.5	-2.9	-1.1	-1.2	H0.7	-1.4	P1.1	S1.2	-0.1	-0.6	-1.0	-0.3	S0.8	W0.6	L1.5	W0.7	C0.1	-2.7
2.85	3.5	1.6	-1.1	71	-1.4	2.9	6.9	12	20	83	0.7	0.6	0.7	0.1	L0.8	0.0	S0.5	S0.5	0.6	0.0	0.1	0.8	S0.9	C0.4	L0.5	C0.5	C0.3	2.3
2.84	2.2	0.0	3.6	68	5.1	2.2	2.8	55	76	78	-1.8	-2.4	-1.3	-0.7	H0.5	-1.2	S0.9	L0.6	-3.2	-2.3	-0.6	-0.1	D1.2	W1.7	S0.1	W1.5	C1.0	-16.4
2.92	0.2	-2.8	-2.4	88	-1.9	2.5	9.0	21	143	94	1.0	2.6	0.4	2.5	L1.5	0.2	S0.8	L0.1	-1.9	0.8	2.1	1.7	D1.6	C2.9	S1.0	C2.4	C0.2	0.1
3.02	1.9	2.1	-0.6	85	0.5	1.2	7.9	29	146	94	0.3	0.1	-1.2	0.5	L2.2	-1.1	S1.0	L1.2	-0.1	1.0	0.4	0.5	S0.5	C2.1	S2.2	C1.9	C1.1	5.9
2.97	3.9	0.2	-0.6	74	0.1	2.0	10.8	10	29	86	1.6	1.8	1.3	1.1	H0.5	1.3	P0.6	S1.1	2.3	2.3	1.0	1.6	S1.6	C0.6	S0.1	C2.0	B0.6	16.0
3.10	3.4	0.2	-2.6	95	-1.5	1.6	10.8	53	1,049	99	0.8	1.0	0.1	0.6	L1.2	0.1	S0.6	L0.2	0.3	0.7	0.5	0.6	S0.3	C0.7	S0.2	C1.1	C0.3	3.9
3.22	3.5	1.7	0.9	84	1.2	1.2	8.2	35	351	97	1.0	0.2	0.6	1.5	H1.2	0.8	S0.5	S0.4	0.4	0.3	1.3	1.5	D1.0	C0.9	L1.3	C2.0	C0.2	0.2
3.11	4.0	1.0	1.6	97	3.9	4.3	8.7	92	2,199	99	0.5	0.9	1.2	0.2	L0.2	1.5	S0.5	S0.4	1.5	0.7	0.2	-0.6	S0.1	C0.3	L0.9	C0.1	C0.4	3.0
2.76	0.3	0.5	-0.1	79	2.1	0.5	4.6	121	319	82	-1.1	-0.7	-0.4	0.1	L2.0	-0.9	S1.0	L1.1	-3.1	-0.7	0.1	0.7	D1.7	C1.3	S0.1	W0.7	C0.5	-10.2
3.00	2.9	1.0	0.5	92	1.1	2.7	9.9	93	665	99	1.4	1.2	-0.8	1.7	L1.0	-0.3	P1.4	S1.3	0.6	2.0	1.5	0.2	D0.3	C0.5	S0.7	C1.2	B0.7	9.0
2.84	3.2	-1.8	0.5	97	1.2	1.2	10.3	313	1,690	99	2.1	0.9	-0.4	2.1	H0.3	0.3	S0.7	L0.1	2.0	2.1	1.8	2.1	S1.8	C2.7	L0.1	C2.5	B1.5	17.5
2.85	1.4	0.1	-1.5	84	-1.5	-1.8	9.8	10	78	91	0.6	1.0	1.3	1.1	H0.2	1.0	S0.3	0.0	0.3	0.7	0.9	0.3	D0.7	C0.3	0.0	C0.5	C0.2	1.5
2.82	1.8	-0.2	4.5	71	3.0	2.8	3.3	63	141	80	-0.5	-1.7	-0.5	0.1	L1.6	-0.4	S0.2	L0.2	-1.1	-0.8	0.1	-1.3	D1.3	W1.8	S1.1	W0.6	C0.4	-7.1
2.98	2.9	1.4	2.0	80	4.1	3.9	9.1	25	101	92	0.6	0.5	0.5	0.5	H1.6	1.0	S0.8	S0.2	1.2	0.1	0.4	0.4	S1.3	C1.4	L0.3	C1.1	B0.4	5.9
2.96	1.7	0.0	0.3	88	1.0	5.0	6.0	17	41	87	-0.1	-0.1	0.0	0.0	H0.3	-0.2	S1.0	S0.1	-0.6	0.7	0.0	0.9	S0.7	W1.0	L1.3	W0.4	B0.2	-2.7
2.88	2.0	0.1	1.8	68	2.5	2.1	7.4	3	7	80	-0.4	0.0	0.5	0.3	H0.1	0.1	S1.2	L0.5	0.0	-0.9	0.2	-0.6	D0.9	C0.5	L0.2	0.0	C1.0	-6.0
2.79	3.4	1.3	0.7	68	1.0	1.6	8.2	1	1	79	0.8	1.2	0.3	0.9	H0.1	0.4	S0.1	L0.2	1.0	1.2	0.8	0.3	S1.2	C1.5	S1.0	C0.7	C0.2	8.8
2.86	2.3	-1.1	2.2	70	2.5	1.6	3.5	51	71	80	-1.6	-1.9	-0.5	-0.7	L0.2	-0.8	S0.2	L0.6	-1.2	-1.2	-0.6	-1.0	D0.1	W2.1	S0.2	W1.5	C1.3	-8.9
2.73	4.1	-0.8	2.4	81	2.6	2.0	4.6	151	395	83	-0.7	-1.1	-0.6	-0.8	H1.2	-0.9	S0.2	S0.6	0.9	-0.2	-0.7	0.1	S3.2	W1.9	S0.1	W0.4	0.0	6.0
2.81	1.9	-1.0	1.3	77	4.7	4.2	4.0	84	203	81	-1.0	-1.8	-0.4	-0.8	H2.2	-0.6	P0.2	0.0	-0.2	-1.2	-0.7	-0.6	S0.1	W1.9	S0.3	W1.0	C0.3	-5.1
2.71	3.4	1.2	3.7	81	3.2	2.1	4.6	157	474	83	-0.6	0.5	-0.5	-0.1	L1.2	0.8	S0.1	S0.2	-0.5	-1.1	-0.1	-1.2	S2.5	0.0	S0.3	W1.4	C0.4	-0.9
2.87	0.9	-0.7	2.4	80	1.3	1.4	3.2	186	667	82	-0.9	-1.4	-0.4	0.2	L1.4	-0.2	P0.1	L0.5	-1.2	-1.4	0.2	-1.1	D0.8	C0.5	S0.8	W0.8	C0.5	-8.0
3.06	2.6	1.2	6.8	76	7.8	4.4	3.2	118	264	80	-1.0	-1.4	0.4	-0.9	L0.8	-0.1	S1.2	0.0	-0.4	-0.7	-0.7	-1.2	D1.8	W1.5	L0.5	W0.8	C0.1	-7.9
2.93	3.6	-0.1	-0.7	70	0.6	3.4	8.9	3	21	84	0.3	-0.9	-0.4	0.8	0.0	-0.9	S0.9	L0.9	-0.1	0.2	0.7	0.4	D0.2	C1.3	L0.4	C0.4	0.0	0.5
3.09	1.6	0.7	-1.9	80	-1.8	-1.4	10.0	5	45	88	1.0	-0.4	-0.4	1.4	H0.4	-0.7	P0.1	L0.4	1.4	2.0	1.2	-0.5	S1.1	C0.8	S0.3	C0.8	C0.1	10.8
3.02	4.7	5.4	4.4	92	4.4	2.8	7.7	23	181	96	0.0	0.3	0.2	-0.9	H0.4	0.8	P0.2	L0.3	1.1	-1.2	-0.7	-0.6	S2.1	W0.7	S0.9	W0.6	C1.0	0.5
2.91	1.7	0.7	5.0	78	5.9	5.1	2.5	124	307	80	-1.2	-1.5	-0.6	-0.8	L0.4	-1.0	S1.6	L1.0	-1.2	-1.0	-0.7	0.4	D0.8	W1.2	L1.2	W0.7	C0.1	-8.1
2.79	1.6	-0.2	3.9	76	4.1	3.5	2.3	144	316	79	-1.7	-1.7	-0.8	-0.9	L1.2	-1.7	S0.6	L1.2	-2.0	-1.9	-0.8	-0.1	D0.3	W1.4	S0.3	W2.1	C0.9	-11.8
2.71	7.1	2.2	3.3	78	3.3	3.9	9.5	27	60	89	0.8	-0.5	-0.1	0.0	H1.5	0.1	P0.7	S1.5	2.7	-0.3	0.0	0.3	S2.8	C0.7	0.0	C0.8	C0.7	7.9
3.05	2.0	-1.4	-1.0	78	-0.4	1.1	7.5	15	34	88	1.0	1.6	1.5	1.0	L0.5	1.1	P1.4	S0.4	1.5	1.3	0.9	-0.8	S0.1	C1.6	L0.7	C1.2	C0.2	6.2
2.88	1.8	-0.5	-2.5	79	-1.9	0.5	9.7	28	70	90	0.3	-0.6	0.3	0.4	H0.1	0.1	S0.6	L0.2	0.7	-0.1	0.4	-0.5	S0.6	W0.6	L0.8	W1.0	B0.3	0.8
2.92	1.0	-0.7	1.1	85	1.3	2.9	9.6	7	55	92	-0.1	0.3	0.9	-0.5	L0.6	0.5	S0.2	S0.8	0.7	-1.4	-0.4	0.2	S0.5	C1.3	S0.5	C1.7	C0.8	-1.7
2.72	3.7	1.5	3.1	75	3.1	-0.5	8.1	13	21	83	0.8	-0.1	-0.1	0.5	H1.2	0.4	P0.3	S0.4	1.7	0.7	0.4	0.4	S1.2	C0.2	L0.8	W0.5	B0.7	7.0
3.02	1.2	-0.2	3.8	80	3.3	1.3	2.7	160	554	81	-1.1	-1.3	0.7	-1.2	H1.4	0.1	P0.4	S0.6	0.8	-0.9	-1.1	-2.1	D0.5	W3.0	S0.2	W0.6	0.0	-4.1
3.09	4.4	-0.6	1.0	68	2.2	3.5	7.8	6	24	85	1.1	0.9	0.3	0.6	H0.7	0.7	P1.0	S1.2	2.4	1.5	0.5	0.0	S1.4	C1.1	S0.3	C0.4	C0.2	11.1
2.93	1.0	-2.5	2.5	73	3.9	-1.0	3.1	106	187	80	-0.6	-0.1	0.1	0.3	H1.9	0.2	P1.2	S0.7	-0.6	-0.4	0.2	-0.4	S0.4	W0.8	S0.6	W1.1	C0.7	-2.7
2.76	6.2	3.0	3.0	89	4.4	3.5	8.6	46	488	98	0.4	-0.7	0.6	0.2	H1.2	1.0	P0.4	S0.7	1.0	0.9	0.2	-0.2	D0.4	W0.7	L1.4	W2.0	B0.5	1.6
3.02	0.2	-2.7	3.0	80	3.1	-2.5	3.0	163	668	81	-0.5	0.7	0.7	-0.2	H0.2	-0.5	P0.6	S0.3	-0.4	-0.5	-0.2	0.4	S1.7	W1.2	L1.1	W1.2	C0.9	-2.1
2.80	2.3	0.9	2.7	82	3.2	2.0	2.9	199	928	82	-0.3	0.0	0.5	-0.3	H1.6	0.7	S0.1	S0.8	0.0	-0.4	-0.3	-0.1	S1.4	W0.5	S1.0	W1.0	C0.1	1.4
2.84	0.9	1.1	1.9	79	4.0	3.2	2.6	157	501	82	-0.7	-0.9	-0.1	-0.6	L0.5	-0.5	P0.5	S0.1	-0.7	-0.8	-0.5	0.6	S0.8	C0.8	0.0	W0.3	B0.1	-1.6
3.16	0.4	-0.7	-2.0	85	-1.6	-1.9	7.6	65	208	95	0.8	2.3	-0.5	1.8	H0.6	1.0	S0.7	L0.6	0.3	0.5	1.6	1.2	S1.4	0.0	0.0	C1.7	C0.3	5.6
3.00	1.1	-3.6	-2.4	84	-1.8	1.2	9.1	21	264	96	0.5	0.4	0.2	1.1	H0.2	-0.8	0.0	0.0	-0.6	0.6	1.0	1.1	D1.5	0.0	L1.5	W0.1	B1.0	-1.3
2.85	1.5	-1.0	-1.3	70	-0.9	3.0	7.2	1	1	77	0.4	1.2	0.6	0.7	L0.4	0.0	S0.4	S0.2	-0.1	0.3	0.6	0.5	S0.4	C0.5	L0.5	C1.1	C0.3	1.6
3.38	-2.0	-0.8	-2.4	92	-1.0	0.9	8.7	92	714	98	0.2	0.3	-0.3	-1.1	L1.7	-0.7	P0.7	L0.7	-1.0	1.1	0.9	0.6	D0.7	W1.9	S0.4	W1.5	C0.9	-1.3
2.96	2.0	1.0	0.6	77	0.4	0.0	7.2	32	62	82	-0.2	-0.4	-0.3	-0.3	L1.1	0.2	S0.2	S0.1	-0.1	0.1	-0.2	-0.8	D0.4	W1.9	L0.8	W0.8	C0.1	-2

# Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI August 2020

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	JPI	No. Hrs	No. Daus	REL %	Milk	Fat	Fat	Prot	Prot	CM\$	NM\$	FM\$	GM\$
F	ISDK VJ KROGAARD RODME QUINTANA	DNK 000304301	50K	100	F	236JE247	58	251	1,065	89	-657	0.35	40	0.15	6	262	218	123	228
A	PEARLMONT AMAZING MEMORY	USA 067208570	80K	100	F	11JE1243	54	44	414	98	1488	-0.05	61	-0.04	46	296	298	300	214
A	HILMAR CALYPSO CHEWBACCA (5)	USA 119552708	29K	100	F	100JE7374	53	8	30	87	758	-0.16	1	-0.06	15	172	181	202	196
A	RIVER VALLEY CIRCUS CRAZE-ET	USA 075341001	99K	100	F	777JE10001	53	141	1,471	99	80	0.05	15	-0.02	-2	249	255	268	223
A	MFV ALTACHIVE-ET	USA 119691058	99K	100	F	11JE1326	52	11	47	89	771	-0.10	15	0.02	33	243	231	203	202
A	KASH-IN SOLAR-PP-ET	840003126234075	99K	100	F	7JE1499	50	80	240	96	137	0.13	34	0.10	26	246	212	137	160
A	WILSONVIEW IF MATT-ET	USA 118367941	80K	100	F	7JE1344	49	433	3,674	99	0	0.03	7	0.02	5	154	145	127	152
A	RIVER VALLEY PF MEGAPOWER-ET	840003012423848	80K	100	C	7JE5011	48	142	1,072	99	493	0.15	56	0.02	22	251	243	222	203
A	SUNSET CANYON DAUPHIN-ET	USA 119244292	13K	100	F	147JE6225	46	3	51	92	130	0.33	76	0.11	29	287	246	157	147
A	BW CITATION A-ET	USA 118367576	80K	100	C	505JE125	46	192	1,025	99	-69	0.02	1	-0.02	-6	187	193	207	167
A	SUNSET CANYON MIRROR-ET	USA 118808990	13K	100	F	203JE1638	45	70	989	99	-688	0.27	23	0.13	1	237	202	126	218
A	TOG ZORRO-PP-ET	840003125202110	13K	100	F	54JE626	45	5	32	88	-827	0.22	6	0.07	-15	211	191	150	210
A	JX AHLEM BRUNO (5)-ET	USA 074067613	99K	100	F	551JE1654	40	34	400	97	463	-0.02	17	0.00	17	135	131	121	106
A	STEINHAUERS SAMSON LEMONHEAD	USA 118662185	80K	100	F	14JE670	37	802	6,166	99	-344	0.17	19	0.07	3	213	188	135	180
F	ISAU BUSHLEA PN VIRAL-ET	AUS 000705410	99K	100	F	200JE8187	36	52	77	87	-748	0.26	18	0.10	-7	188	167	117	218
A	JER-Z-BOYZ CRIS (6)-P-ET	USA 118125701	50K	100	C	203JE1388	36	122	1,434	99	-652	0.18	6	0.06	-11	103	89	57	106
A	JX PEARLMONT PROP JOE DIMMER (4)	USA 067270655	99K	100	F	1JE955	34	48	660	98	-74	0.12	22	0.06	11	193	170	122	117
F	ISNZ BRAEDENE PAS TRIPLESTAR	NZL 000313516	GT	100		97JE13516	31	44	119	58	-1211	0.44	29	0.23	1	128	71	-57	157
A	CRF LEGAL PROMISE	USA 117722352	50K	100	F	203JE1347	31	233	3,565	99	-797	0.12	-13	0.09	-10	86	64	15	77
A	ISDK Q IMPULS	DNK 000301592	HD	100	F	236JE3	29	3,340	32,733	99	-487	0.17	12	0.11	6	79	47	-23	100
A	HILMAR PAUL BRONCO (5)-ET	USA 118381604	80K	100	F	147JE6219	26	7	90	94	343	0.06	29	0.05	23	109	89	45	23
A	MULTI-ROSE CREDIBULL COMET-PP-ET	840003014373525	13K	100	F	54JE625	26	7	29	87	239	0.07	27	0.00	9	140	137	131	73
A	HILMAR PAUL RANCHO (5)	USA 118378707	8K	100	F	147JE6220	25	7	60	92	16	0.15	33	0.08	18	152	125	65	77
A	HILMAR SPARKY ATLAS (5)-ET	USA 119268647	29K	100	F	100JE7367	23	6	35	89	-3	0.05	10	0.03	6	99	91	71	106
A	DUTCH HOLLOW OLIVER-P	USA 067184544	50K	100	F	7JE1219	23	763	4,919	99	402	0.01	22	-0.04	5	153	164	189	103
A	HEARTLAND IRWIN TEXAS-ET	USA 067312531	80K	100	F	7JE1354	22	551	5,650	99	35	-0.13	-27	0.01	3	41	38	33	24
A	JX WILSONVIEW MARVEL SOUL (4)-ET	USA 118313166	8K	100	F	203JE1422	18	23	206	96	41	0.07	16	0.00	2	94	95	94	69
F	SUNNYDAWN OLYMPIAN	GBR 000055862	8K	100	C	224JE2370	18	53	163	84	-776	0.18	-1	0.10	-7	40	13	-46	58
F	ALL LYNNS VERNON MACARTHUR-ET	USA 118612153	80K	100	F	202JE601	17	20	25	84	-384	0.18	18	0.09	4	74	52	2	48
A	ELLIOTTS REGENCY CASINO-ET	840003125141657	50K	100	F	14JE725	14	173	866	98	-320	0.05	-4	0.09	8	125	100	43	95
A	DUTCH HOLLOW VOLCANO CHARLES	840003008461617	50K	100	F	151JE19	12	65	669	99	677	-0.06	20	-0.03	18	45	48	57	34
A	OAKLANE DAZZLER DISCO 2127-ET	USA 067742127	99K	100	F	7JE1528	12	172	1,878	99	-440	0.03	-15	0.01	-14	102	101	100	88
F	GLANMOR BELMONT WELSH WIZARD	GBR 000055719	8K	100	F	224JE2293	11	76	181	84	-586	0.12	-4	0.04	-13	-9	-19	-38	51
F	ISDK VJ JANUS	DNK 000303458	50K	100	C	236JE168	11	75	140	88	-1468	0.32	-7	0.16	-23	28	-7	-83	103
A	ALL LYNNS LOUIE VALENTINO-ET	USA 116279413	50K	100	C	7JE1038	9	2,298	20,296	99	272	-0.09	-6	-0.03	4	86	92	105	18
A	SUNSET CANYON MEGATRON-ET	USA 117763696	50K	100	C	147JE6209	-2	126	1,971	99	82	0.28	64	0.06	16	109	90	46	-7
F	ISDK VJ RODME NYGAARD RODME	DNK 000303952	50K	100	F	236JE169	-2	793	3,299	90	-915	0.32	21	0.14	-5	22	-14	-95	-35
F	ISNZ RIVERINA RONALDO CHAMP	NZL 000314516	GT	100		97JE14516	-2	34	91	58	-1628	0.44	8	0.24	-12	-28	-86	-216	-10
A	AHLEM BALIN-ET	USA 072520700	80K	100	F	200JE1014	-4	257	893	98	-1179	0.11	-34	0.02	-39	-21	-20	-14	38
F	ISNZ GLEN LEITH DEGREE OMNIBUS	NZL 000314502	GT	100		97JE14502	-7	71	190	74	-1019	0.31	13	0.12	-14	-68	-93	-149	11
A	JER-Z-BOYZ PRECEDENCE (6)	USA 117950126	50K	100	F	151JE17	-8	4	137	94	-790	0.25	13	0.07	-14	1	-13	-46	-5
A	GOLDEN DOMINATE-ET	CAN 012344082	99K	100	F	94JE4062	-14	26	35	85	-453	0.08	-6	0.04	-8	-22	-30	-49	-36
A	ALL LYNNS LOUIE VARICK-ET	USA 116279404	50K	100	F	203JE1081	-15	19	135	95	721	-0.21	-11	-0.07	10	-108	-85	-37	-56
F	RIBBLESDALE BEAUMONT	GBR 000055792	63K	100	F	224JE2336	-18	61	173	86	-1407	0.39	10	0.16	-20	-36	-71	-149	-13
F	CLOONEY CONQUERER-ET	GBR 000055781	8K	100	F	224JE2329	-29	48	134	84	-899	0.18	-6	0.07	-18	-109	-124	-158	-86
A	AHLEM VALENTINO MAUI 21838	USA 068951472	50K	100	C	203JE1385	-33	161	1,527	99	-170	-0.16	-42	-0.08	-23	-121	-91	-26	-74
A	RIVER VALLEY VICTORIOUS-ET	840003126479524	99K	100	F	7JE5032	-34	194	860	98	-957	0.15	-15	0.09	-16	-82	-102	-147	-104
F	POTTERS WALLS STARBUCK	GBR 000055607	8K	100	F	224JE2275	-47	113	237	85	-1566	0.39	1	0.12	-33	-152	-174	-224	-125
A	ISAU BROADLIN AUSSIEGOLD-P-ET	AUS A00020434	50K	100	F	160JE3004	-50	251	1,341	86	-917	0.21	-1	0.11	-11	-98	-125	-184	-138
F	SAXOWN KAISER CHIEF	GBR 000055717	8K	100	F	224JE2316	-50	67	157	84	-484	-0.05	-34	0.00	-18	-177	-170	-156	-172
A	HILMAR MERCHANT MANUEL	USA 117577466	50K	100	F	147JE6210	-50	6	50	92	-634	0.13	-4	-0.01	-25	-172	-164	-146	-171
A	RIVER VALLEY RICKI ROCKSTAR	840003126479237	99K	100	F	200JE10009	-56	25	61	91	-1257	0.14	-32	0.02	-42	-175	-167	-151	-118
A	STEINHAUERS IATOLA APPLEJACK	USA 115488982	50K	100	F	11JE968	-57	534	3,564	99	-919	0.11	-23	0.06	-21	-223	-227	-240	-94
F	FOURCROSSES ONTIME STAG	GBR 000055596	8K	100	F	224JE2284	-70	63	143	84	-1064	0.05	-42	0.03	-32	-281	-277	-273	-223
A	ROYALTY RIDGE MB FULL THROTTLE	USA 118534918	80K	100	F	147JE6221	-76	15	37	90	-1661	0.15	-50	0.07	-47	-255	-259	-269	-198
A	RIVER VALLEY VENUS V I P-ET	840003126479167	99K	100	F	777JE10003	-99	80	182	94	-2105	0.23	-58	0.07	-63	-301	-299	-297	-219
A	TOWER VUE PRIME TEQUILA-ET	USA 114816452	HD	100	F	76JE156	-206	1,552	5,422	99	-2064	0.22	-57	0.09	-58	-599	-596	-599	-588

**Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI  
August 2020**

SCS	PL	LIV	DPR	DPR		CCR	HCR	EFI	Type	Type	Type	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RUW	UC	UD	TP	TL	RTP	RTP	JUI
				REL	REL				REL	RV	SV																		
2.87	0.6	-0.5	1.3	78	2.1	-0.4	4.0	115	387	81	-0.1	1.2	0.4	0.2	L0.4	1.0	S1.1	L0.6	0.0	0.4	0.2	-0.1	S1.6	0.0	L2.0	W0.9	C0.5	1.1	
3.23	-1.4	-1.8	-2.6	87	-2.3	-2.7	8.1	25	231	96	0.8	1.3	1.3	0.5	H0.2	1.6	S0.2	S0.5	0.6	0.9	0.4	0.8	D0.1	C0.8	S0.2	C0.9	0.0	4.6	
2.81	2.9	-1.6	1.1	70	2.7	1.8	7.8	3	7	80	1.1	1.3	0.0	1.5	H0.5	0.5	S0.6	S0.4	2.1	2.5	1.3	-0.8	S2.0	W0.3	L0.7	W1.8	B0.6	13.3	
2.93	3.7	2.3	0.2	90	0.3	-0.5	9.8	60	673	98	2.0	1.1	-0.5	1.6	H1.0	0.3	S0.3	S0.6	2.4	2.5	1.4	1.8	S2.9	C0.5	L3.0	C1.4	B1.0	16.7	
3.21	2.8	-2.5	-0.5	72	0.3	2.4	10.6	3	9	82	1.1	1.1	0.7	0.8	H0.7	1.0	P0.7	S1.3	1.4	1.6	0.7	1.3	S1.2	C0.6	L0.3	C0.1	0.0	9.5	
3.08	0.4	-1.1	-1.5	82	-1.1	0.4	9.3	41	120	93	0.7	1.8	-0.1	1.6	H0.4	0.8	S0.9	L0.6	0.1	0.2	1.3	0.5	S1.1	W0.1	S0.5	C1.3	C1.2	2.5	
2.97	2.2	0.5	1.0	97	0.7	3.9	10.7	271	1,038	98	0.6	0.5	-0.3	0.4	H0.1	-0.5	S1.2	L0.1	1.6	0.3	0.4	0.2	S1.7	C2.1	S0.4	C1.3	C0.4	7.5	
3.15	-0.3	-3.1	-1.3	93	-0.2	0.3	8.6	102	602	98	1.1	1.7	1.0	1.2	0.0	0.6	S0.7	L0.5	1.4	1.4	1.0	1.7	0.0	C0.9	L2.1	C0.2	B0.7	6.3	
2.97	-2.8	-2.5	-3.8	78	-3.8	-1.6	8.4	1	33	87	-0.8	-1.0	0.3	0.6	H0.6	0.0	P0.3	L0.2	-1.0	-0.9	0.5	-0.2	D1.9	W0.1	L1.2	W0.4	0.0	-9.0	
2.98	4.9	4.0	0.6	95	1.4	2.6	10.0	161	843	99	0.8	1.0	-0.4	0.0	H0.3	-0.3	P0.7	S0.5	3.2	0.7	0.0	-1.6	S3.3	C1.3	S1.4	W0.5	C1.6	11.3	
2.99	2.1	1.7	2.2	93	1.4	0.4	8.8	50	602	98	0.4	1.3	1.1	0.0	L0.3	1.2	P0.4	S0.6	1.3	0.3	0.0	0.3	S1.8	W1.5	L1.5	W1.7	C0.8	2.4	
2.80	4.7	2.0	2.5	70	2.5	0.7	8.6	7	30	85	0.6	0.9	0.3	0.3	H0.2	0.1	P0.5	S1.5	0.4	0.8	0.2	1.1	S1.9	W0.6	L0.5	C0.1	B0.2	6.6	
3.05	0.6	-2.1	-1.1	85	-0.5	2.3	8.6	10	82	91	0.6	-0.3	-0.7	0.5	H0.7	-0.4	S0.5	S0.3	1.0	0.0	0.4	1.0	S1.6	C0.8	L0.6	C1.2	B0.2	5.4	
2.83	2.2	0.2	0.7	98	1.5	0.3	9.4	414	2,889	99	1.1	3.1	0.4	0.2	L0.6	1.5	S0.1	S0.8	1.7	1.0	0.2	0.4	S2.5	C1.6	L1.2	C0.7	C1.3	8.0	
3.16	1.2	0.3	2.6	71	2.0	0.4	8.6	32	43	82	1.0	-0.4	-0.2	1.6	H1.5	0.3	P0.8	S1.3	1.9	1.0	1.4	0.1	S0.2	C1.5	S0.9	W0.4	C0.3	6.9	
2.97	3.4	0.7	2.0	96	2.2	-0.7	8.9	67	652	98	-0.7	-2.5	-0.8	-1.0	H0.3	-0.9	S1.6	L0.7	0.0	-0.7	-0.8	0.3	S1.9	W0.5	L0.9	C0.8	B0.2	1.2	
2.94	1.2	2.0	-0.9	86	-2.3	2.0	8.1	15	139	93	0.2	1.8	1.2	0.3	H0.3	0.9	0.0	S0.7	0.4	-0.5	0.3	0.5	S0.7	W0.6	L0.5	C0.3	B0.2	0.5	
3.14	-0.7	-0.1	4.3	44	4.3	0.2	0.1	20	60	38	-2.0	-1.7	1.8	-2.3	H0.8	1.0	P0.5	L0.2	-1.0	-2.4	-2.0	-0.7	D2.1	W1.5	L0.3	W1.6	C0.4	-15.1	
3.00	2.3	4.2	1.4	98	0.7	3.2	9.5	142	1,386	99	0.4	-2.6	-0.3	-0.6	H0.3	-0.6	P0.3	S0.1	0.1	-0.4	-0.5	1.9	S1.8	C1.9	S0.6	C3.3	C0.6	4.7	
3.07	-0.9	-0.7	2.1	99	2.8	-0.5	6.2	1,461	17,740	99	-1.1	-1.3	-0.1	-0.6	0.0	-0.6	P0.2	L0.1	-1.2	-0.7	-0.5	-0.9	D0.9	W1.3	S0.1	W2.0	C0.4	-7.7	
3.02	-1.3	-1.8	-2.6	81	-3.2	-0.9	9.1	4	41	89	-0.2	0.0	-0.4	0.6	L0.7	-1.5	S1.3	L0.5	-2.2	-0.3	0.5	0.8	D2.0	C1.1	S0.4	C1.1	B0.3	-5.8	
3.00	0.4	0.2	-2.0	71	-2.3	-0.8	7.6	7	27	85	0.2	-1.1	-0.1	-0.2	L0.1	0.0	S0.5	L0.3	1.1	0.7	-0.2	-0.2	S1.5	W0.5	L0.7	W0.7	B0.9	6.5	
3.06	-1.5	-1.6	-2.0	77	-2.5	-0.1	8.6	4	21	84	0.3	1.5	0.2	1.3	L0.6	-0.5	S0.6	S0.3	-1.1	0.1	1.2	0.9	D1.0	C0.7	L0.2	C1.3	C0.2	-2.3	
3.05	0.1	-0.5	0.6	75	0.6	1.7	10.0	2	7	82	0.4	-0.2	-0.3	0.8	L0.5	0.2	P0.4	S0.8	-0.1	-0.5	0.7	0.9	0.0	C2.6	L0.5	C1.1	C1.1	-2.1	
3.00	0.9	1.1	-1.7	97	-2.3	-1.7	9.7	362	1,788	99	1.5	0.5	0.2	1.0	L1.4	0.0	P0.1	S0.7	1.0	2.5	0.8	0.3	S0.8	C0.4	S0.3	C0.7	B0.4	11.9	
3.04	2.3	-1.0	-1.0	98	-1.1	2.6	9.5	319	1,727	99	2.0	-1.1	-1.0	1.4	H0.3	-0.8	P0.7	S0.3	2.5	3.1	1.2	0.8	S2.9	C1.1	S0.6	C1.7	B0.5	21.1	
3.07	1.5	1.1	0.0	85	0.0	-1.0	7.2	10	50	89	0.4	0.2	0.4	0.0	L0.3	0.4	P0.3	L0.4	-0.5	-0.1	0.0	0.3	D0.4	C0.4	S0.9	C1.5	C1.1	-1.5	
2.94	0.6	-1.2	1.6	75	2.3	1.0	7.0	22	55	76	0.4	1.6	-0.6	-0.6	H0.5	-0.4	P0.2	S0.1	0.0	0.2	-0.5	-0.3	S0.5	W1.2	L0.5	W0.4	C0.3	0.0	
3.15	-0.6	0.5	0.0	70	0.7	-0.9	7.2	0	0	78	-0.6	-1.3	-0.5	-0.7	0.0	-1.0	S0.8	L0.3	-0.7	-0.8	-0.6	-0.5	D0.5	0.0	S0.1	W0.8	C0.6	-5.8	
3.15	1.7	0.5	0.2	87	-0.1	1.9	9.5	102	447	97	1.9	2.3	1.2	1.5	H0.9	1.5	P0.2	S0.9	2.3	1.7	1.3	1.5	S1.7	C2.3	S1.0	C3.3	0.0	15.5	
3.01	-1.1	-4.5	-1.0	92	-1.3	-1.3	9.1	46	304	97	0.2	-0.3	0.0	0.6	H0.5	-0.4	S0.6	L0.5	1.2	0.4	0.5	-1.2	S0.4	C0.2	L0.1	W0.6	C0.3	2.6	
2.88	4.7	2.0	0.6	92	0.4	2.0	9.5	86	769	98	1.3	2.1	0.4	1.1	H2.0	1.0	P0.4	S1.4	3.5	0.4	1.0	0.6	S3.6	C1.7	S0.4	C1.1	C1.2	12.9	
2.90	0.2	-1.2	2.6	75	2.7	-0.5	7.1	35	76	76	0.1	-1.2	-0.9	0.7	H1.5	-0.4	S0.3	L0.5	0.5	0.7	0.6	-1.2	D1.6	W0.4	S0.1	W0.9	B0.2	-0.6	
2.94	1.5	-0.4	4.2	74	5.6	5.4	4.2	64	114	81	-0.4	1.4	0.4	-0.6	H0.8	0.6	P1.1	S0.7	-1.0	-0.5	-0.6	1.2	S1.3	W1.1	0.0	W0.9	B0.1	-0.9	
2.96	2.5	3.2	-1.8	99	-2.6	0.0	12.0	1,098	9,116	99	1.1	1.8	0.5	0.8	L1.5	0.6	P0.7	S0.4	1.2	1.0	0.7	-0.3	S0.8	C0.9	S0.7	C1.0	C0.6	6.7	
3.13	-3.7	-5.8	-4.9	97	-5.0	-2.8	7.2	87	860	99	0.2	0.6	0.3	1.1	L0.5	-0.8	S0.9	L0.7	0.2	0.6	1.0	0.4	D0.3	W1.2	L1.3	W0.7	C0.3	-0.5	
2.96	-1.0	-2.4	-1.4	84	0.0	-0.8	3.0	253	1,366	81	-0.4	-0.4	-0.2	-0.7	L0.5	-0.5	S0.7	L1.1	-0.2	-1.0	-0.6	0.0	S1.3	C0.2	L1.0	W1.1	C0.5	-3.1	
3.03	-1.9	0.4	3.0	46	2.6	0.7	0.3	23	67	37	-1.3	-4.6	2.1	-2.8	H0.8	0.1	S0.6	L1.0	-0.7	-1.0	-2.0	-0.2	D2.4	W0.6	L0.1	W1.2	C0.1	-9.8	
2.78	3.2	2.5	2.6	89	1.8	0.9	9.3	176	415	96	1.4	2.4	-2.1	1.4	H1.3	0.0	P0.4	S1.4	2.6	1.2	1.2	1.8	S4.4	C1.1	L0.4	C1.8	B0.4	17.7	
3.08	-2.9	-0.5	3.8	53	3.9	-1.7	0.9	22	72	60	-1.7	-2.8	0.6	-1.4	H1.2	0.3	S0.2	L1.1	-1.9	-2.2	-1.2	-0.1	D2.7	W1.5	S0.1	W0.9	C0.3	-15.7	
3.04	-0.4	0.9	0.5	79	0.5	-0.9	7.4	3	61	91	-1.0	-0.9	-0.1	-0.3	H0.7	-0.4	S0.1	L0.1	-0.6	-1.5	-0.2	-0.9	D1.1	W0.6	L0.4	W1.0	C0.9	-10.0	
3.02	0.0	-1.3	-1.1	69	0.3	-0.1	8.8	2	3	79	1.0	-0.6	0.3	0.6	H1.0	0.0	P0.4	S0.6	2.0	0.9	0.5	0.7	S1.3	C1.9	L0.1	C0.4	B0.1	9.0	
3.22	-1.4	-0.4	0.4	84	1.7	1.1	9.7	9	54	90	-1.1	-0.4	-0.4	0.5	L1.0	-0.8	P0.1	L0.6	-3.4	-0.4	0.4	0.1	D4.0	W2.7	L0.5	W3.0	C0.8	-17.3	
3.02	-0.9	-0.6	2.3	77	2.2	-0.5	5.0	10	28	75	-0.6	1.1	1.0	-1.0	H1.1	0.8	S0.9	L0.4	0.0	-1.5	-0.9	-0.1	S0.6	C0.6	S1.3	W0.8	C0.3	-3.1	
2.95	-1.9	-2.0	0.5	76	0.0	-1.0	8.9	24	50	78	0.3	-1.0	0.2	-0.1	H0.4	0.4	P0.1	L0.1	0.8	0.5	-0.1	0.3	D0.3	C1.2	0.0	C1.4	B0.4	3.8	
3.06	2.8	2.4	0.9	95	0.1	1.2	9.8	80	493	98	1.2	0.0	0.7	-0.4	L0.9	-0.1	P0.8	S1.1	3.3	1.8	-0.4	-0.3	S3.6	C0.7	S0.3	C0.5	B0.2	17.6	
2.99	-0.8	-2.3	-1.5	90	-1.7	1.7	8.1	150	437	97	1.5	1.4	0.1	0.7	H0.4	0.7	P1.2	S0.4	2.5	2.3	0.6	0.5	S2.7	C2.1	S1.3	C1.4	B0.3	18.6	
2.98	-2.4	0.0	1.1	76	1.6	-2.1	4.9	40	95	73	-1.0	-0.3	0.6	-1.3	H0.8	-0.1	S0.1	L0.4	-0.7	-0.3	-1.1	0.1	D0.8	W0.3	S0.8	W0.7	B0.4	-2.7	
2.97	-1.2	-1.0	-0.8	85	-2.2	-1.0	7.1	68	287	81	-0.1	0.9	2.2	-0.4	L0.8	1.2	0.0	S0.4	-0.4	-0.3	-0.4	0.6	D1.9	0.0	L1.0	W1.3	B0.1	-6.3	
3.07	0.2	0.9	-1.0	74	0.0	-0.9	6.3	39	69	75	-0.1	-1.9	-0.7	0.2	L0.2	-0.2	P0.4	0.0	0.8	0.2	0.2	-0.7	S1.4	C0.7	S1.5	W1.1	B0.3	5.5	
2.90	-1.0	-1.2	-1.1	77	-1.0	-1.4	7.5	2	36	88	-0.2	-1.1	0.3	0.3															