

Attachment A: Stocking density tables for cattle, buffalo, sheep and goats exported by sea

Table 1—minimum pen area for cattle exported by sea—voyages 10 days or less—default and alternate table

Liveweight (kg)	Minimum pen area (m ² /head)		Liveweight (kg)	Minimum pen area (m ² /head)		Liveweight (kg)	Minimum pen area (m ² /head)	
	Default	Alternate		Default	Alternate		Default	Alternate
200 or less	0.990	0.891	360	1.460	1.314	520	1.861	1.78
205	1.007	0.906	365	1.473	1.331	525	1.873	1.794
210	1.023	0.921	370	1.486	1.348	530	1.884	1.808
215	1.039	0.935	375	1.500	1.365	535	1.896	1.822
220	1.055	0.949	380	1.513	1.382	540	1.908	1.835
225	1.070	0.963	385	1.526	1.399	545	1.919	1.849
230	1.086	0.977	390	1.539	1.416	550	1.931	1.863
235	1.102	0.991	395	1.552	1.433	555	1.942	1.877
240	1.117	1.005	400	1.565	1.45	560	1.954	1.89
245	1.132	1.019	405	1.578	1.459	565	1.966	1.904
250	1.148	1.033	410	1.591	1.468	570	1.977	1.918
255	1.163	1.046	415	1.603	1.487	575	1.988	1.932
260	1.178	1.060	420	1.616	1.505	580	2.000	1.945
265	1.193	1.073	425	1.629	1.519	585	2.011	1.959
270	1.207	1.087	430	1.641	1.533	590	2.022	1.973
275	1.222	1.100	435	1.654	1.547	595	2.034	1.987
280	1.237	1.113	440	1.666	1.56	600	2.045	2.000
285	1.251	1.126	445	1.679	1.574	605	2.056	2.014
290	1.266	1.139	450	1.691	1.588	610	2.067	2.028
295	1.280	1.152	455	1.704	1.602	615	2.079	2.042
300	1.294	1.165	460	1.716	1.615	620	2.090	2.056
305	1.308	1.178	465	1.728	1.629	625	2.101	2.07
310	1.323	1.190	470	1.741	1.643	630	2.112	2.084
315	1.337	1.203	475	1.753	1.657	635	2.123	2.098
320	1.351	1.216	480	1.765	1.67	640	2.134	2.112
325	1.364	1.228	485	1.777	1.684	645	2.145	2.126
330	1.378	1.240	490	1.789	1.698	650	2.156	2.14
335	1.392	1.253	495	1.801	1.712	655	2.167	2.154
340	1.406	1.265	500	1.813	1.725	660	2.178	2.168
345	1.419	1.277	505	1.825	1.739	665	2.189	2.182
350	1.433	1.290	510	1.837	1.753	670	2.200	2.196
355	1.446	1.302	515	1.849	1.767	675	2.21	2.21

NOTE:

- (a) The Alternate pen areas in this table can only be used where agreed by the relevant government agency. Agreement will be based on proven and continued performance of the exporter and vessel.
- (b) Pen group liveweight range: the liveweight range in each pen of cattle must not exceed the pen average plus or minus 50 kg.
- (c) For weights between those shown in the table, the minimum pen area per head must be calculated by linear interpolation.
- (d) For cattle weighing more than 675 kg the minimum pen area per head must be calculated by the formula: 2.21 m^2 plus 0.014 m^2 for each 5 kg above 675 kg.
- (e) For cattle with horns in excess of standard 1.15 of ASEL v2.3, an additional 30 per cent space must be provided.
- (f) For pregnant cattle, an additional 15 per cent space must be provided.
- (g) Where a curfew of more than 12 hours has been undertaken at the registered premises, a curfew factor of 5 per cent must be applied in calculating liveweight.

Note: (e) and (f) are not cumulative. The greater value must be used.

Table 2—minimum pen area for cattle exported by sea—voyages more than 10 days

Liveweight (kg)	Minimum pen area (m ² /head)	Liveweight (kg)	Minimum pen area (m ² /head)	Liveweight (kg)	Minimum pen area (m ² /head)
200 or less	0.990	335	1.392	470	1.741
205	1.007	340	1.406	475	1.753
210	1.023	345	1.419	480	1.765
215	1.039	350	1.433	485	1.777
220	1.055	355	1.446	490	1.789
225	1.070	360	1.460	495	1.801
230	1.086	365	1.473	500	1.813
235	1.102	370	1.486	505	1.825
240	1.117	375	1.500	510	1.837
245	1.132	380	1.513	515	1.849
250	1.148	385	1.526	520	1.861
255	1.163	390	1.539	525	1.875
260	1.178	395	1.552	530	1.892
265	1.193	400	1.565	535	1.909
270	1.207	405	1.578	540	1.926
275	1.222	410	1.591	545	1.943
280	1.237	415	1.603	550	1.96
285	1.251	420	1.616	555	1.977
290	1.266	425	1.629	560	1.994
295	1.280	430	1.641	565	2.011
300	1.294	435	1.654	570	2.028
305	1.308	440	1.666	575	2.045
310	1.323	445	1.679	580	2.062
315	1.337	450	1.691	585	2.079
320	1.351	455	1.704	590	2.096
325	1.364	460	1.716	595	2.113
330	1.378	465	1.728	600	2.13

NOTE:

- (a) Pen group liveweight range: the liveweight range in each pen of cattle must not exceed the pen average plus or minus 50 kg.
- (b) For weights between those shown in the table, the minimum pen area per head must be calculated by linear interpolation.
- (c) For cattle weighing more than 600 kg the minimum pen area per head must be calculated by the formula: 2.13 m² plus 0.017 m² for each 5 kg above 600 kg.
- (d) For cattle with horns in excess of standard 1.15 of ASEL v2.3, an additional 30 per cent space must be provided.
- (e) For pregnant cattle, an additional 15 per cent space must be provided.
- (f) Where a curfew of more than 12 hours has been undertaken at the registered premises, a curfew factor of 5 per cent must be applied in calculating liveweight.

Note: (d) and (e) are not cumulative. The greater value must be used.

Table 3—minimum pen area per head for cattle exported by sea from a port south of latitude 26° south, from 1 May to 31 October

Liveweight (kg)	Minimum pen area (m ² /head)	Liveweight (kg)	Minimum pen area (m ² /head)	Liveweight (kg)	Minimum pen area (m ² /head)
200 or less	0.990	300	1.294	400	1.668
205	1.007	305	1.308	405	1.688
210	1.023	310	1.323	410	1.707
215	1.039	315	1.337	415	1.727
220	1.055	320	1.351	420	1.746
225	1.070	325	1.364	425	1.766
230	1.086	330	1.378	430	1.785
235	1.102	335	1.392	435	1.805
240	1.117	340	1.406	440	1.824
245	1.132	345	1.419	445	1.844
250	1.148	350	1.433	450	1.863
255	1.163	355	1.446	455	1.883
260	1.178	360	1.460	460	1.902
265	1.193	365	1.473	465	1.922
270	1.207	370	1.486	475	1.961
275	1.222	375	1.502	480	1.980
280	1.237	380	1.52	485	2.000
285	1.251	385	1.539	490	2.019
290	1.266	390	1.558	495	2.039
295	1.280	395	1.613	500	2.060

NOTE:

- (a) For weights between those shown in the table the minimum pen area per head must be calculated by linear interpolation.
- (b) For cattle weighing more than 500 kg, the minimum pen area per head must be calculated by the formula: 2.06 m² plus 0.02 m² for each 5 kg above 500 kg.
- (c) For shipments that originate or load from a port south of latitude 26° south and take a route that does not cross latitude 15° south, stocking densities will be calculated from Table 4 regardless of the date of the voyage.
- (d) For cattle with horns in excess of standard 1.15 of ASEL v2.3, an additional 30 per cent space must be provided.
- (e) For pregnant cattle, an additional 15 per cent space must be provided.
- (f) Where a curfew of more than 12 hours has been undertaken at the registered premises, a curfew factor of 5 per cent must be applied in calculating liveweight.

Note: (d) and (e) are not cumulative. The greater value must be used.

Table 4—minimum pen area per head for cattle exported by sea from a port south of latitude 26° south from 1 November to 30 April

Liveweight (kg)	Minimum pen area (m ² /head)	Liveweight (kg)	Minimum pen area (m ² /head)	Liveweight (kg)	Minimum pen area (m ² /head)
200 or less	0.990	320	1.351	440	1.666
205	1.007	325	1.364	445	1.679
210	1.023	330	1.378	450	1.691
215	1.039	335	1.392	455	1.704
220	1.055	340	1.406	460	1.716
225	1.070	345	1.419	465	1.728
230	1.086	350	1.433	470	1.741
235	1.102	355	1.446	475	1.753
240	1.117	360	1.460	480	1.765
245	1.132	365	1.473	485	1.777
250	1.148	370	1.486	490	1.827
255	1.163	375	1.500	495	1.88
260	1.178	380	1.513	500	1.932
265	1.193	385	1.526	505	1.984
270	1.207	390	1.539	510	2.035
275	1.222	395	1.552	515	2.086
280	1.237	400	1.565	520	2.137
285	1.251	405	1.578	525	2.157
290	1.266	410	1.591	530	2.176
295	1.280	415	1.603	535	2.196
300	1.294	420	1.616	540	2.215
305	1.308	425	1.629	545	2.235
310	1.323	430	1.641	550	2.255
315	1.337	435	1.654		

NOTE:

- (a) For weights between those shown in the table the minimum pen area per head must be calculated by linear interpolation.
- (b) For cattle weighing more than 550 kg, the minimum pen area per head must be calculated by the formula: 2.255m² plus 0.02 m² for each 5 kg above 550 kg.
- (c) For shipments that originate or load from a port south of latitude 26° south and take a route that does not cross latitude 15° south, stocking densities will be calculated from this table regardless of the date of the voyage.
- (d) For cattle with horns in excess of standard 1.15 of ASEL v2.3, an additional 30 per cent space must be provided.
- (e) For pregnant cattle, an additional 15 per cent space must be provided.
- (f) Where a curfew of more than 12 hours has been undertaken at the registered premises, a curfew factor of 5 per cent must be applied in calculating liveweight.

Note: (d) and (e) are not cumulative. The greater value must be used.

Table 5—minimum pen area per head for buffalo exported by sea

Liveweight (kg)	Minimum pen area (m ² /head)	Liveweight (kg)	Minimum pen area (m ² /head)	Liveweight (kg)	Minimum pen area (m ² /head)
200	1.089	355	1.591	510	2.021
205	1.107	360	1.606	515	2.034
210	1.125	365	1.620	520	2.047
215	1.143	370	1.635	525	2.063
220	1.160	375	1.650	530	2.081
225	1.177	380	1.664	535	2.100
230	1.195	385	1.678	540	2.119
235	1.212	390	1.693	545	2.137
240	1.229	395	1.707	550	2.156
245	1.246	400	1.721	555	2.175
250	1.262	405	1.736	560	2.193
255	1.279	410	1.750	565	2.212
260	1.295	415	1.764	570	2.231
265	1.312	420	1.778	575	2.250
270	1.328	425	1.792	580	2.268
275	1.344	430	1.806	585	2.287
280	1.360	435	1.819	590	2.306
285	1.376	440	1.833	595	2.324
290	1.392	445	1.847	600	2.343
295	1.408	450	1.861	605	2.362
300	1.424	455	1.874	610	2.380
305	1.439	460	1.888	615	2.399
310	1.455	465	1.901	620	2.418
315	1.470	470	1.915	625	2.437
320	1.486	475	1.928	630	2.455
325	1.501	480	1.941	635	2.474
330	1.516	485	1.955	640	2.493
335	1.531	490	1.968	645	2.511
340	1.546	495	1.981	650	2.530
345	1.561	500	1.995		
350	1.576	505	2.008		

NOTE:

- (a) For weights between those shown in the table the minimum pen area per head must be calculated by linear interpolation.
- (b) For buffalo weighing more than 650 kg the minimum pen area per head must be calculated by the formula: 2.53 m² plus 0.0187 m² for each 5 kg above 650 kg.

- (c) For buffalo with horns in excess of standard 1.15 of ASEL v2.3, an additional 30 per cent space must be provided.
- (d) For pregnant buffalo, an additional 15 per cent space must be provided.
- (e) Where a curfew of more than 12 hours has been undertaken at the registered premises, a curfew factor of 5 per cent must be applied in calculating liveweight.

Note: (c) and (d) are not cumulative. The greater value must be used

Table 6 — minimum pen area per head for sheep and goats exported by sea

Liveweight (kg)	Minimum pen area (m ² /head)		Liveweight (kg)	Minimum pen area (m ² /head)	
	November to April	May to October		November to April	May to October
28	0.307	0.307	51	0.402	0.442
29	0.309	0.309	52	0.407	0.448
30	0.311	0.311	53	0.412	0.453
31	0.315	0.318	54	0.417	0.459
32	0.317	0.325	55	0.422	0.465
33	0.321	0.332	56	0.427	0.470
34	0.323	0.338	57	0.433	0.476
35	0.327	0.345	58	0.438	0.481
36	0.329	0.351	59	0.442	0.487
37	0.333	0.358	60	0.447	0.492
38	0.335	0.364	61	0.452	0.498
39	0.338	0.370	62	0.457	0.503
40	0.342	0.377	63	0.462	0.508
41	0.348	0.383	64	0.467	0.514
42	0.354	0.389	65	0.472	0.519
43	0.359	0.395	66	0.476	0.524
44	0.365	0.401	67	0.481	0.529
45	0.370	0.407	68	0.488	0.535
46	0.375	0.413	69	0.496	0.540
47	0.381	0.419	70	0.504	0.545
48	0.386	0.425	75	0.546	0.570
49	0.391	0.431	80	0.590	0.595
50	0.397	0.436	90	0.676	0.676

NOTE:

- (a) For weights between those shown in the table, the minimum pen area per head must be calculated by linear interpolation.
- (b) For sheep with horns in excess of standard 1.16 of ASEL v2.3, an additional 10 per cent pen space must be allocated.
- (c) For goats with horns in excess of standard 1.16 of ASEL v2.3, the goats must be penned separately and an additional 10 per cent space must be allocated.
- (d) For pregnant sheep and goats, an additional 15 per cent space must be provided.
- (e) Where a curfew of more than 12 hours has been undertaken at the registered premises, a curfew factor of 5 per cent must be applied in calculating liveweight.

Note: (b) and (d), and (c) and (d), are not cumulative. The greater value must be used.