

# FACT SHEET 13

## SPACE ALLOWANCE FOR NURSERY AND GROW/FINISH PIGS

### Calculating the actual space allowance for your pens

To calculate the space allowance for each pen, follow the following 4 steps:

1. Count the number of pigs in the pen:

	pigs
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2. Measure the dimensions of the pen:

Length of pen	meters	feet
Width of pen	meters	feet
3. Calculate pen space: (length) x (width)	m <sup>2</sup>	ft <sup>2</sup>
4. Calculate actual space allowance: Pen space / pig (step 3) / (step 1)	m <sup>2</sup> /pig	ft <sup>2</sup> /pig

Record actual space allowance for each pen on a space allowance record, such as record R-Z.

Referring to the tables on the next 2 pages:

- a. Verify if the space provided complies with the Code of Practice requirements for every nursery and grow/finish pen.
- b. Calculate the **MAXIMUM NUMBER OF PIGS PER PEN** that should be in each nursery and grow/finish pen.

$$\text{Maximum number of pigs per pen} = \frac{\text{Actual Pen Space}}{\text{Targeted space allowance per pig}}$$

## FACT SHEET 13: SPACE ALLOWANCE FOR NURSERY AND GROW/FINISH PIGS

### NURSERY PIGS

Verify if the space provided complies with the Code of Practice requirements for every nursery pen.

Average Body Weight of Pigs at Exit from Pen		Requirement: Minimum Space Allowance Per Pig		15% Short-Term Reduction in Floor Space		20% Short-Term Reduction in Floor Space (requiring supporting records)	
kg	lbs	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>
6	13	0.11	1.19	0.09	1.01	0.09	0.95
8	18	0.13	1.44	0.11	1.23	0.11	1.15
10	22	0.16	1.67	0.13	1.42	0.12	1.34
12	26	0.18	1.89	0.15	1.61	0.14	1.51
14	31	0.19	2.10	0.17	1.78	0.16	1.68
16	35	0.21	2.29	0.18	1.95	0.17	1.83
18	40	0.23	2.48	0.20	2.11	0.18	1.98
20	44	0.25	2.66	0.21	2.26	0.20	2.13
22	49	0.26	2.83	0.22	2.41	0.21	2.27
24	53	0.28	3.00	0.24	2.55	0.22	2.40
26	57	0.29	3.17	0.25	2.69	0.24	2.53
28	62	0.31	3.33	0.26	2.83	0.25	2.66
30	66	0.32	3.49	0.28	2.96	0.26	2.79
32	71	0.34	3.64	0.29	3.09	0.27	2.91
34	75	0.35	3.79	0.30	3.22	0.28	3.03
36	79	0.37	3.94	0.31	3.35	0.29	3.15
38	84	0.38	4.08	0.32	3.47	0.30	3.26
40	88	0.39	4.22	0.33	3.59	0.31	3.38

- If reducing space allowance by 15-20% short-term (orange category), complete Record R-N: Animal-Based Measures at least 3 times annually within 1 week of emptying pens.
  - You could refer to your Animal-Based Measures, Mortality and Treatment Records, such as Records R-N, R-M and R-T, to determine if your pigs' welfare is being compromised by the reduced space allowance.
- If space allowance is less than the 20% short-term limit (orange category), reduce stocking density.

## FACT SHEET 13: SPACE ALLOWANCE FOR NURSERY AND GROW/FINISH PIGS

### GROW/FINISH PIGS

The average body weight of all the pigs in the pen at first pull can be estimated referring to the table below, using your target market weight, and the percentage of pigs removed from the pen at first pull.

	Percentage of Pigs Taken Out in First Pull from Group			
	5%	10%	20%	30%
Target Market Weight	Average Body Weight in Pen at First Pull (kg)			
100kg (220 lb)	83.5	86.6	90.7	94.0
105kg (231 lb)	87.6	90.9	95.3	98.7
110kg (242 lb)	91.8	95.3	99.8	103.4
115kg (253 lb)	96.0	99.6	104.4	108.1
120kg (264 lb)	100.2	103.9	108.9	112.8
125kg (275 lb)	104.3	108.2	113.4	117.5
130kg (286 lb)	108.5	112.6	118.0	122.2
135kg (297 lb)	112.7	116.9	122.5	126.9
140kg (308 lb)	116.9	121.2	127.0	131.6
145kg (319 lb)	121.0	125.6	131.5	136.3
150kg (330 lb)	125.2	129.9	136.1	141.0

Using the average body weight of the pigs in the pen at first pull, verify if the space provided complies with the Code of Practice requirements for every grow/finish pen.

Average Body Weight of Pigs in Pen at First Pull		Requirement: Minimum Space Allowance Per Pig		10% Short-Term Reduction in Floor Space		15% Short-Term Reduction in Floor Space (with supporting records)	
kg	lbs	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>
50	110	0.46	4.90	0.41	4.41	0.39	4.17
60	132	0.51	5.53	0.46	4.98	0.44	4.70
70	154	0.57	6.13	0.51	5.52	0.48	5.21
80	176	0.62	6.70	0.56	6.03	0.53	5.70
85	187	0.65	6.98	0.58	6.28	0.55	5.93
90	198	0.67	7.25	0.61	6.53	0.57	6.16
95	209	0.70	7.52	0.63	6.77	0.59	6.39
100	220	0.72	7.78	0.65	7.00	0.61	6.61
105	231	0.75	8.04	0.67	7.23	0.63	6.83
110	243	0.77	8.29	0.69	7.46	0.65	7.05
115	254	0.79	8.54	0.71	7.69	0.67	7.26
120	265	0.82	8.79	0.73	7.91	0.69	7.47
125	276	0.84	9.03	0.75	8.13	0.71	7.67
130	287	0.86	9.27	0.77	8.34	0.73	7.88
135	298	0.88	9.50	0.79	8.55	0.75	8.08
140	309	0.90	9.74	0.81	8.76	0.77	8.28

\*Does not include space allowances for solid bedded floors. Please refer to Code of Practice for grow/finish pigs raised on solid bedded floors.

- If reducing space allowance by 10-15% short-term (orange category), complete Record R-N: Animal-Based Measures at least 3 times annually within 1 week of emptying pens.
  - You could refer to your Animal-Based Measures, Mortality and Treatment Records, such as Records R-N, R-M and R-T, to determine if your pigs' welfare is being compromised by the reduced space allowance.
- If space allowance is less than the 15% short-term limit (orange category), reduce stocking density.