Hill's BFI risk chart

56-65% **70** body fat

Face

structures.

Sternum

Scapula

to palpate.

to palpate.

Abdomen

Ribs

Head & neck

>65% body fat





Mild risk **Moderate risk**



Serious risk

Severe risk

Extreme risk

Very thick fat cover. No bony

No distinction between head

Not prominent. Impossible to

palpate. Extreme pectoral fat.

Not prominent. Impossible

Not prominent. Impossible

& shoulder. Tight scruff.

Very thick scruff fat.

Low risk

Face

Minimal fat cover. Prominent bony structures.

Head & neck

Prominent distinction between head & shoulder Loose scruff No scruff fat

Prominent, Very easy to palpate. Minimal pectoral fat.

Scapula

Prominent. Very easy to palpate.

Prominent. Very easy to palpate.

Abdomen

Loose abdominal skin. Easy to palpate abdominal contents.

Tail base

Prominent bony structure. Easy to palpate. Minimal fat cover.

Shape from the side

Moderate to slight abdominal tuck.

Shape from above Marked hourglass.

Face

Slight fat cover. Defined bony structures.

Head & neck

Clear distinction between head & shoulder. Loose scruff. Slight scruff fat.

Sternum

Defined, slightly prominent, Easy to palpate. Slight to moderate pectoral fat.

Scapula

Defined, slightly prominent. Easy / Very easy to palpate.

Not prominent, Easy to palpate.

Abdomen

Loose abdominal skin with minimal fat. Easy to palpate abdominal contents.

Tail base

Slightly to minimally prominent bony structure, Palpable, Slight fat cover.

Shape from the side No abdominal tuck.

Shape from above

Slight hourglass / Lumbar waist.

Face

Slight to moderate fat cover. Defined to slight bony structures.

Head & neck

Clear to slight distinction between head & shoulder. Loose to snua scruff. Slight to moderate scruff fat.

Sternum

Minimally prominent. Palpable. Moderate pectoral fat.

Scapula

Slightly prominent. Easy to palpate.

Not prominent, Palpable.

Abdomen

Obvious skin fold with moderate fat Easy to palpate abdominal contents.

Tail base

Minimally prominent bony structure. Palpable. Slight to moderate fat cover.

Shape from the side Slight abdominal bulge.

Shape from above Lumbar waist

Face

Moderate fat cover. Slight to minimal bony structures.

Head & neck

Minimal distinction between head & shoulder. Loose to snug scruff Moderate scruff fat

Sternum

Poorly defined, Difficult to palpate. Thick pectoral fat.

Scapula

Minimally to not prominent. Palpable.

Not prominent, Difficult to palpate.

Heavy fat pad. Difficult to palpate abdominal contents

Tail base

Poorly defined bony structure. Difficult to palpate. Moderate to thick fat cover.

Shape from the side Moderate abdominal bulge.

Shape from above Broadened back

Face

Thick fat cover. Minimal to no bony structures.

Head & neck

Poor to no distinction between head & shoulder. Snug to tight scruff. Very thick scruff fat.

Not prominent, Extremely difficult to palpate. Extremely thick pectoral fat.

Not prominent. Difficult to palpate.

Not prominent. Extremely difficult to impossible to palpate.

Very heavy fat pad: indistinct from abdominal fat. Impossible to palpate abdominal contents.

Tail base

Bony structure not prominent. Very difficult to palpate. Very thick fat cover.

Shape from the side Severe abdominal bulge.

Shape from above Severely broadened back. palpate abdominal contents. Tail base

Bony structure not prominent. Extremely difficult to palpate. Extremely thick fat cover.

Extremely heavy fat pad; indistinct

from abdominal fat. Impossible to

Shape from the side Very severe abdominal bulge.

Shape from above

Extremely broadened back.



3 steps to determine ideal weight

- 1 Weigh the pet
- Determine the pet's body fat percentage using images and descriptors on the reverse side
- Establish ideal weight using this chart



| Current weight (kg) | ldeal body weight (kg) | | | | | |
|------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | 20 % body fat | 30 % body fat | 40 % body fat | 50 % body fat | 60 % body fat | 70 % body fat |
| 3 | 3.0 | 2.6 | 2.3 | 1.9 | 1.5 | 1.4 |
| 3.5 | 3.5 | 3.1 | 2.6 | 2.2 | 1.8 | 1.5 |
| 4 | 4.0 | 3.5 | 3.0 | 2.5 | 2.0 | 1.7 |
| 4.5 | 4.5 | 3.9 | 3.4 | 2.8 | 2.3 | 1.9 |
| 5 | 5.0 | 4.4 | 3.8 | 3.1 | 2.5 | 2.0 |
| 5.5 | 5.5 | 4.8 | 4.1 | 3.4 | 2.8 | 2.2 |
| 6 | 6.0 | 5.3 | 4.5 | 3.8 | 3.0 | 2.4 |
| 6.5 | 6.5 | 5.7 | 4.9 | 4.1 | 3.3 | 2.6 |
| 7 | 7.0 | 6.1 | 5.3 | 4.4 | 3.5 | 2.7 |
| 7.5 | 7.5 | 6.6 | 5.6 | 4.7 | 3.8 | 2.9 |
| 8 | 8.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.1 |
| 8.5 | 8.5 | 7.4 | 6.4 | 5.3 | 4.3 | 3.2 |
| 9 | 9.0 | 7.9 | 6.8 | 5.6 | 4.5 | 3.4 |
| 9.5 | 9.5 | 8.3 | 7.1 | 5.9 | 4.8 | 3.6 |
| 10 | 10.0 | 8.8 | 7.5 | 6.3 | 5.0 | 3.7 |
| 10.5 | 10.5 | 9.2 | 7.9 | 6.6 | 5.3 | 3.9 |
| 11 | 11.0 | 9.6 | 8.3 | 6.9 | 5.5 | 4.1 |
| 11.5 | 11.5 | 10.1 | 8.6 | 7.2 | 5.8 | 4.3 |
| 12 | 12.0 | 10.5 | 9.0 | 7.5 | 6.0 | 4.4 |
| 12.5 | 12.5 | 10.9 | 9.4 | 7.8 | 6.3 | 4.6 |
| 13 | 13.0 | 11.4 | 9.8 | 8.1 | 6.5 | 4.8 |
| 13.5 | 13.5 | 11.8 | 10.1 | 8.4 | 6.8 | 4.9 |
| 14 | 14.0 | 12.3 | 10.5 | 8.8 | 7.0 | 5.1 |
| 14.5 | 14.5 | 12.7 | 10.9 | 9.1 | 7.3 | 5.3 |
| 15 | 15.0 | 13.1 | 11.3 | 9.4 | 7.5 | 5.4 |
| 15.5 | 15.5 | 13.6 | 11.6 | 9.7 | 7.8 | 5.6 |
| 16 | 16.0 | 14.0 | 12.0 | 10.0 | 8.0 | 5.8 |
| 16.5 | 16.5 | 14.4 | 12.4 | 10.3 | 8.3 | 6.0 |

Ideal body weights are calculated using current weight. Body Fat Index may vary slightly by breed and individual.

