## Hill's BFI Risk Chart

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### Healthy Weight
- **Ribs**: Slightly prominent, Easily felt, Thin fat cover
- **Shape From Above**: Well proportioned lumbar waist
- **Shape From the Side**: Abdominal tuck present
- **Shape From Behind**: Clear muscle definition, smooth contour
- **Tail Base Bones**: Slightly prominent, Easily felt
- **Tail Base Fat**: Thin fat cover

### Moderate Risk
- **Ribs**: Slightly to not prominent, Can be felt, Moderate fat cover
- **Shape From Above**: Detectable lumbar waist
- **Shape From the Side**: Slight abdominal tuck
- **Shape From Behind**: Losing muscle definition, rounded appearance
- **Tail Base Bones**: Slightly to not prominent, Can be felt
- **Tail Base Fat**: Moderate fat cover

### High Risk
- **Ribs**: Not prominent, Very difficult to feel, Thick fat cover
- **Shape From Above**: Loss of lumbar waist, broadened back
- **Shape From the Side**: Flat to bulging abdomen
- **Shape From Behind**: Rounded to square appearance
- **Tail Base Bones**: Not prominent, Very difficult to feel
- **Tail Base Fat**: Thick fat cover, May have a small fat dimple

### Serious Risk
- **Ribs**: Not prominent, Extremely difficult to feel, Very thick fat cover
- **Shape From Above**: Markedly broadened back
- **Shape From the Side**: Marked abdominal bulge
- **Shape From Behind**: Square appearance
- **Tail Base Bones**: Not prominent, Extremely difficult to feel
- **Tail Base Fat**: Very thick fat cover, Fat dimple or fold present

### Severe Risk
- **Ribs**: Not prominent, Impossible to feel, Extremely thick fat cover
- **Shape From Above**: Extremely broadened back, bulging mid-section
- **Shape From the Side**: Severe abdominal bulge
- **Shape From Behind**: Square appearance
- **Tail Base Bones**: Not prominent, Impossible to feel
- **Tail Base Fat**: Extremely thick fat cover, Large fat dimple or fat fold

### Extreme Risk
- **Ribs**: Unidentifiable, Impossible to feel, Extremely thick fat cover
- **Shape From Above**: Extremely broadened back, bulging mid-section
- **Shape From the Side**: Very severe abdominal bulge
- **Shape From Behind**: Irregular or upside down pear shape
- **Tail Base Bones**: Unidentifiable
- **Tail Base Fat**: Extremely thick fat cover, Large fat folds or pads
3 Steps To Determine Ideal Weight

**Step 1**
Weigh the pet.

**Step 2**
Determine pet’s Body Fat Percentage using images & descriptors on the reverse side.

**Step 3**
Establish ideal weight using this chart.

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<th>Current Weight</th>
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*Ideal body weights are calculated using current weight and body fat index*
### Hill's BFI Risk Chart

**20**
16-25% Body Fat

**30**
26-35% Body Fat

**40**
36-45% Body Fat

**50**
46-55% Body Fat

**60**
56-65% Body Fat

**70**
65% Body Fat

#### Healthy Weight
- **Face**: Minimal fat cover
  - Prominent bony structures
- **Head & Neck**: Prominent distinction between head & shoulder
  - Loose scruff
  - No scruff fat
- **Sternum**: Prominent
  - Very easy to palpate
- **Ribs**: 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

#### Moderate Risk
- **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 to palpate
  - Not prominent
- **Ribs**: 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

#### High Risk
- **Face**: Slight to moderate fat cover
  - Defined to slight bony structures
- **Head & Neck**: Clear to slight distinction between head & shoulder
  - Loose to snug scruff
  - Slight to moderate scruff fat
- **Sternum**: Minimally prominent
  - Palpable
  - Moderate pectoral fat
- **Scapula**: Slightly prominent
  - Easy to palpate
  - Not prominent
  - Difficult to palpate
- **Ribs**: Not prominent
  - Palpable
- **Abdomen**: Obvious skin fold with moderate fat
  - Easy to palpate abdominal contents
  - Difficult 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

#### Serious Risk
- **Face**: Moderate fat cover
  - Slight to minimal bony structures
- **Head & Neck**: Minimal distinction between head & shoulder
  - Loose to snug scruff
  - Moderate scruff fat
- **Sternum**: Minimally to not prominent
  - Palpable
- **Scapula**: Slightly to moderately prominent
  - Palpable
- **Ribs**: Not prominent
  - Difficult to palpate
- **Abdomen**: Heavy fat pad
  - Difficult to palpate abdominal contents
  - Impossible 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

#### Severe Risk
- **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
- **Sternum**: Not prominent
  - Extremely difficult to palpate
  - Extremely thick pectoral fat
- **Scapula**: Not prominent
  - Difficult to palpate
- **Ribs**: Not prominent
  - Difficult to palpate
- **Abdomen**: Very heavy fat pad; indistinct from abdominal fat
  - Impossible to palpate abdominal contents
- **Tail Base**: Bony structure not prominent
  - Extremely difficult to palpate
  - Extremely thick fat cover
- **Shape From the Side**: Severe abdominal bulge
- **Shape From Above**: Severely broadened back

#### Extreme Risk
- **Face**: Very thick fat cover
  - No bony structures
- **Head & Neck**: No distinction between head & shoulder
  - Tight scruff
  - Very thick scruff fat
- **Sternum**: Not prominent
  - Impossible to palpate
- **Scapula**: Not prominent
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- **Ribs**: Not prominent
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- **Abdomen**: Extremely heavy fat pad; indistinct from abdominal fat
  - Impossible to palpate abdominal contents
- **Tail Base**: Bony structure not prominent
  - Extremely difficult to palpate
  - Extremely thick fat cover
- **Shape From the Side**: Very severe abdominal bulge
- **Shape From Above**: Extremely broadened back
### 3 Steps To Determine Ideal Weight

**Step 1**
Weigh the pet.

**Step 2**
Determine pet’s Body Fat Percentage using images & descriptors on the reverse side.

**Step 3**
Establish ideal weight using this chart.

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