**Tree Kangaroo Body Condition Score Chart**

The following guidelines for assessing body condition were developed by the TK-SSP for the purpose of assisting in monitoring an individual's body condition. Body condition score (BCS) can be obtained using a combination of visual exam and physical assessment. It is recommended to use BCS in conjunction with weight to determine the need for diet modification. An ideal BCS range of 4-6 may improve reproductive success and longer quality of life. *ZIMS numerical scale of 1-9 for body score was used as a reference point.*

*Illustrations by Bridget Smith*

### Overall Body Appearance
- **Emaciated (1)**
  - No palpable body fat
  - No obvious accumulations of body fat
  - Minimal visible muscle mass
  - No obvious lack of muscle mass
  - No obvious bony protrusions
  - Back is flat (no crease or ridge)
- **Very Under-Conditioned (2/3)**
  - Bones of shoulders and back prominent but with slight covering
  - Slight scapula spine visible with peak of scapula prominent
- **Slightly Under-Conditioned (4)**
  - Multiple ribs visible
  - Spinal processes discernible
  - Significant abdominal tuck immediately behind last rib
- **Ideal Condition (5)**
  - Ribs not visually distinguishable but easily felt
  - Spinal processes not visible
  - Back smooth
  - Slight delineation between shoulder, torso and hip
- **Slightly Over-Conditioned (6)**
  - Fat over ribs spong; ribs not visible
  - Back smooth and rounded with slight crease
  - Delineation between shoulder and torso but torso flows smoothly into hip
- **Very Over-Conditioned (7/8)**
  - Fat deposits along inner thighs
  - Fat along inner thighs
  - Flank filled with fat
- **Obese (9)**
  - Heavy fat deposits over thorax, spine, base of tail, neck and limbs
  - Obvious abdominal distension
  - Bulging fat behind shoulders and along neck
  - Pendulous fat accumulated beneath neck, chest and arms
  - Neck continuous with head and shoulder

### Forequarters
- **Emaciated (1)**
  - No noticeable fat covering
  - No visible muscle mass
  - All skeleton visible
- **Very Under-Conditioned (2/3)**
  - Bones of shoulders and back visible and sharp
  - Scapula clearly visible
- **Slightly Under-Conditioned (4)**
  - Shoulders and neck accentuated
  - Shoulders and neck blend
  - Peak of scapula noticeable but topline flows smoothly from neck into torso
- **Ideal Condition (5)**
  - Shoulders and neck clearly visible
  - Peak of scapula apparent from shoulder
- **Slightly Over-Conditioned (6)**
  - Muscles of shoulder barely noticeable, covered in fat
  - Fat accumulating under neck and chest and behind shoulder and arm
  - Noticeable thickening of neck
- **Very Over-Conditioned (7/8)**
  - Fat deposits along inner thighs
  - Fat along inner thighs
  - Flank filled with fat
- **Obese (9)**
  - Heavy fat deposits over thorax, spine, base of tail, neck and limbs
  - Obvious abdominal distension
  - Fat present below/around pouch and testicles

### Hindquarters
- **Emaciated (1)**
  - No palpable body fat
  - Minimal visible muscle mass
  - Articulations angular and some bones/spinous processes are discernible
- **Very Under-Conditioned (2/3)**
  - Bones of shoulders and back prominent but with slight covering
  - Sacral vertebrae prominent
- **Slightly Under-Conditioned (4)**
  - Point of hip visible but covered
  - Sacral vertebrae barely visible
- **Ideal Condition (5)**
  - Point of hip well-rounded
  - Slope of hip becoming rounded
  - Sacrum sloped but beginning to fill and round
- **Slightly Over-Conditioned (6)**
  - Fat around tail head starting to feel spongy
  - Fat around tail head very soft
  - Tail more uniform in thickness toward tip
- **Very Over-Conditioned (7/8)**
  - Fat around tail head soft
  - Tail more uniform in thickness toward tip
  - Tail noticeably thickened with patchy fat deposits
- **Obese (9)**
  - Bulging fat around tail head
  - Tail noticeably thickened with patchy fat deposits

### Tail
- **Emaciated (1)**
  - No obvious accumulations of body fat
  - No obvious lack of muscle mass
  - No obvious bony protrusions
  - Slight ridge along back
- **Very Under-Conditioned (2/3)**
  - All tail bones very visible
- **Slightly Under-Conditioned (4)**
  - Tail head prominent
  - Some tail bones visible
- **Ideal Condition (5)**
  - Tail head prominence depends on conformation
  - Tail has thin appearance but no bones visible
- **Slightly Over-Conditioned (6)**
  - Fat around tail head beginning to feel spongy
  - Fat around tail head soft
  - Tail begins to thicken toward tip
- **Very Over-Conditioned (7/8)**
  - Fat around tail head very soft
  - Tail more uniform in thickness toward tip
  - Fat around tail head very soft
  - Tail more uniform in thickness toward tip
  - Tail noticeably thickened with patchy fat deposits
- **Obese (9)**
  - Bulging fat around tail head
  - Tail noticeably thickened with patchy fat deposits

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