

**Least-Cost Path and Cost-Weighted Distance**  
**Washington Focus Area**  
**Sharp-tailed Grouse**  
*(Tympnanuchus phasianellus)*

Least-Cost Path (LCP) lines and Habitat Concentration Area (HCA) polygons are shown on this map. LCP lines are color-coded by cost-weighted distance (CWD) range. Use the LCP and HCA unique ID values shown with each feature to review additional linkage data provided in the companion tables. Also provided on this map is a CWD surface generated from the HCAs and resistance surface for the focal species.

**Least-Cost Paths (LCP)**  
**Cost-Weighted Dist. (Km)**

Yellow	11.73 - 19.60
Red	19.61 - 25.39
Dark Red	25.40 - 27.74
Light Blue	27.75 - 51.88
Blue	51.89 - 54.62
Dark Blue	54.63 - 69.91

**HCA Out of WA Extent**

Blue	HCA
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**HCA & Cost-Weighted Distance (Km)**

Green	HCA	Brown	31 - 40
Light Yellow	1 - 10	Light Grey	41 - 100
Yellow	11 - 20	Medium Grey	101 - 200
Orange	21 - 30	Dark Grey	over 200

**Administrative Boundaries/Population**

Thin black line	Washington Border
Thick black line	Other State or Prov. Border
Thin grey line	County or Regional District Line
Black dot	City or Town

**Outside Study Area**

White	Land Mass
Light Blue	Ocean

